

**Superintendent’s Recommendation for
Walter Johnson Cluster Schools**

October 13, 2016

Executive Summary

On November 16, 2015, the Board of Education approved the Walter Johnson Cluster Roundtable Discussion Group (Roundtable) to develop and explore general approaches to address the current, short- and long-term projected space deficits in the elementary, middle, and high schools in the Walter Johnson Cluster. The group was composed of two Montgomery County Council Parent Teacher Associations (PTA) representatives from each of the schools in the cluster as well as three cluster coordinators.

Enrollment growth and consequential space deficits in the Walter Johnson Cluster result from a combination of housing turnover and new development. At the high school level, Walter Johnson High School will face a deficit of nearly 700 seats by the 2022–2023 school year, and long-term projections indicate that high school enrollment could reach 3,600 students. At the middle school level, the approved Fiscal Year (FY) 2017–2022 Capital Improvements Program (CIP) addresses enrollment growth through the 2022–2023 school year, and long-term enrollment is projected to exceed capacity by approximately 100 students at each middle school. At the elementary school level, three schools have capacity needs not addressed by the current CIP: Ashburton, Farmland, and Garrett Park elementary schools.

The Roundtable considered a wide range of approaches to address capacity needs that included classroom additions and the reopening of closed schools. The group also explored the possibility of new school construction, grade reorganizations, use of commercial buildings, and changes to school schedules.

After careful consideration of the work and input from the Roundtable and feedback received from the wider community, I recommend that the Board of Education adopt the following course of action for the schools in the Walter Johnson Cluster:

- For Ashburton Elementary School, reduce the approved addition project scheduled for completion in August 2019 from 881 seats to 770 seats, relocate the four special education Preschool Education Program (PEP) classes to Bradley Hills and Luxmanor elementary schools beginning in the 2017–2018 school year, and construct a modular classroom addition to open in August 2019 that can be relocated in the future after a new school opens.
- Monitor the enrollment at Farmland Elementary School and consider the reassignment of students to Luxmanor Elementary School beginning in the 2020–2021 school year after completion of the revitalization/expansion project.
- Utilize space in the annex facility adjacent to Garrett Park Elementary School to address the capacity deficit at the school.
- Monitor enrollment in the cluster elementary schools and open a new school in the long term when the capacity deficit may support the need for the new school.

- Continue with the plans for the addition at North Bethesda Middle School scheduled to open in August 2018 with a capacity for 1,229 students and a master-planned addition for up to 1,500 students.
- Continue with the plans to revitalize/expand Tilden Middle School (and collocation with Rock Terrace School) with a capacity for 1,200 students and a master-planned addition for up to 1,500 students.
- Convene a roundtable discussion group to include representatives from the Downcounty Consortium high schools and Walter Johnson High School to study the following:
 - Reopen the former Woodward High School to address the space deficits at Montgomery Blair, Albert Einstein, Walter Johnson, John F. Kennedy, and Northwood high schools; and in addition
 - Explore the possibility and develop a potential model approach to address space deficits at these high schools as well as others countywide, by offering alternative programmatic, career technology education, or other voluntary educational options for high school students through use of non-traditional facilities, including commercial space.
- Planning and construction funds will be included for the high school solution as part of the *Superintendent's Recommended FY 2019–2024 Capital Improvements Program* in October 2017.

Background

During the course of the Roundtable process, Roundtable members studied cluster enrollment trends and residential development pressures and established criteria with which to evaluate possible approaches to meet the cluster's growth challenges. Following the review of these trends and data, the Roundtable evaluated eight elementary school level approaches and 10 secondary school level approaches. Furthermore, the members considered short-term approaches that could supplement the long-term approaches.

Montgomery County Public Schools (MCPS) staff launched the Roundtable discussion process by introducing the enrollment growth and capacity issues that face the cluster. Due to the significant enrollment growth in the cluster, Mr. Bruce Crispell, retired director, Division of Long-range Planning (DLRP), presented information on the components of enrollment change and the cluster enrollment forecast for the cluster, including the six-year forecast for elementary schools and the 6-, 10, and 15-year forecasts for the middle schools and high school. This presentation included a thorough analysis of the impact of new housing development on enrollment growth. Staff from the Montgomery County Planning Department—Ms. Andrea Gilles, Ms. Nancy Sturgeon, and Mr. Nkosi Yearwood—also presented information on the master plans affecting the cluster which included information on the Rock Spring Master Plan and the White Flint 1 and 2 Sector Plans.

Following this presentation, the Roundtable members requested that Mr. Crispell develop projections beyond the 15-year forecast to support the Roundtable process. To support this request, Mr. Crispell developed individual 30-year school forecasts for the secondary schools and a 30-year forecast for total elementary school enrollment. After reviewing the enrollment and residential development prospects for the cluster, Roundtable members brainstormed a plethora of potential criteria to be used in approach evaluation (see Roundtable Meetings below). MCPS staff then formulated initial approaches

for consideration by the Roundtable members, followed up with joint staff and Roundtable member brainstorming sessions to modify and rework approaches. The final phase of the Roundtable process focused on the evaluation of the final 18 approaches proposed.

Roundtable Representation and Role

The Roundtable members included three cluster coordinators plus two parent representatives from each school PTA in the cluster. Student representatives were invited but chose not to participate. MCPS staff from the DLRP facilitated the Roundtable meetings along with the former executive director of the Office of the Chief Operating Officer. In addition, MCPS staff from the Office of Curriculum and Instructional Programs (OCIP) and the Office of School Support and Improvement (OSSI) attended multiple meetings to provide the Roundtable members with relevant programmatic and curricular information.

The Roundtable was charged to evaluate approaches to address the space deficits in the cluster as a group as well as individually and on behalf of their school communities. At the end of the process, the Roundtable collaborated to submit a final report to the interim superintendent of schools and members of the Board of Education. Each Roundtable member was asked to submit his/her own evaluation of each of the approaches considered during the process, although not all Roundtable members submitted this evaluation. In addition, five elementary school PTA representatives and one middle school PTA representative submitted optional position papers on behalf of their school communities. To collect feedback from the wider community on the approaches under consideration, MCPS staff developed a Google form that received a total of 159 responses. A summary of that feedback was included in the Roundtable final report.

Roundtable Meetings

The Roundtable met on the following dates: February 17 and 24, 2016; March 2 and 16, 2016; April 6 and 21, 2016; and May 4 and 18, 2016. Roundtable meetings were held in the media center at Tilden Middle School and the cafeteria at Walter Johnson High School. In addition to the Roundtable meetings, two Public Information meetings were held—one at the onset of the process and the second at the end of the process. At the first Public Information meeting, staff presented the Roundtable process, background on the issues facing the cluster, and cluster enrollment projections. At the second Public Information meeting, staff shared the work of the Roundtable.

At the second meeting of the Roundtable members on February 24, 2016, the members established the criteria to be used to guide the development and evaluation of approaches. The criteria included the following (items listed in no priority order):

- Open schools/add capacity near population growth.
- Keep current Walter Johnson Cluster together.
- Address overutilization at all levels (beyond calculated capacity and enrollment).
- Consider impact of new and future development on capacity (beyond 20 years) and be more forward thinking with the plans and projections.
- Ensure adequate play space and remove relocatable classrooms.
- Maximize use of existing property in the cluster.
- Support environment conducive to high achievement and consider whole system effect on child learning/achievement and academic outcomes.
- Consider cost effectiveness (capital and operation—including cost of land acquisition and relocation of county offices).

- Ensure no detrimental impact on property values.
- Consider impact of overutilization on staff and school operating budget.
- Consider safe routes to schools.
- Focus on permanent structures.
- Ensure socioeconomic diversity at schools.
- Provide ideal high school size.
- Look at alternative facilities for schools such as commercial buildings.
- No school should exceed state recommended guidelines for school size.
- Provide state-of-the-art facilities (including the core facilities).
- Consider community impact and buy-in by the community.
- Ensure minimal disruptions to students/families and community.
- Consider short- and long-term conditions of the schools.
- Maximize walkers and reduce buses.
- Increase accessibility at schools with large special education populations.
- Limit building-related disparities among schools.
- Foster sense of community (especially if a new school is opened).
- Consider certainty of land acquisition.
- Consider adequacy of site for revitalization/expansion.
- Ensure students have opportunities to participate in extracurricular activities at high, middle, and elementary school levels.
- Ensure diverse, high-quality educational programs.
- Maintain high standard reputation of cluster.
- Provide students with similar choice options as currently available.

At the third meeting on March 2, 2016, the Roundtable was presented with eight approaches to address projected space deficits at North Bethesda and Tilden middle schools and Walter Johnson High School. (See Appendix A for the 10 secondary school approaches reviewed by the Roundtable.)

Between the third and fourth Roundtable meetings, Roundtable representatives met with their school communities to gather feedback on the eight approaches. At the fourth meeting on March 16, 2016, Roundtable representatives shared the feedback they received and requested that additional secondary school approaches be developed.

At the fifth meeting of the Roundtable on April 6, 2016, the first round of elementary school approaches and the second round of secondary approaches were presented. A total of six elementary school approaches and two additional secondary school approaches were presented. (See Appendix B for the eight elementary school approaches reviewed by the Roundtable.)

Between the fifth and sixth Roundtable meetings, Roundtable representatives met with their school communities to gather feedback on the elementary school and additional secondary school approaches. At the seventh meeting of the Roundtable on May 4, 2016, staff presented additional elementary school approaches. At the last meeting of the Roundtable on May 18, 2016, Roundtable members shared feedback on the final two elementary school approaches. Roundtable representatives also reviewed and finalized the narrative section of the Roundtable report.

Roundtable Approaches

The 18 (10 secondary and eight elementary) approaches developed during the Roundtable process spanned typical solutions for addressing capacity such as school additions as well as more unorthodox methods such as alternative school day schedules and irregular grade configurations.

The secondary school level approaches included the following: one approach focused on a high school addition project; three approaches focused on reopening the former Woodward High School; two approaches utilized irregular grade configurations (Grades 8–9 school or Grades 6–9 school); one approach relied on commercial office space for school use; one approach utilized alternative school day scheduling; one approach utilized online education; and one approach focused on constructing new secondary schools.

While some of the secondary level approaches better addressed cluster capacity needs than others, all of them created implications for educational programming. For example, a grade reconfiguration necessitated changes from MCPS teaching and staffing norms. Certain approaches created implications for neighborhood communities such as the need for future school boundary studies in the case of reopening or constructing a new school.

The elementary school level approaches included the following: three approaches focused on opening an elementary school; one approach focused on expanding cluster elementary schools with building additions; three approaches utilized irregular grade configurations (Grades K–4 school, paired Grades K–2 and Grades 3–5 schools, and Grades K–4 and Grades 5–8 schools); and one approach focused on opening an early childhood center. Similar to the secondary level approaches, the above elementary approaches presented trade-offs in terms of efficiently providing school capacity while best meeting educational and community goals for students and staff.

Curriculum and instruction experts from MCPS OCIP and OSSI were made available to the Roundtable members to provide their perspectives on the educational and administrative implications of all of the approaches.

Opportunities and Challenges Expressed by the Roundtable

During the Roundtable process, discussions repeatedly returned to several key issues. Key among these included the ability to ensure that facility plans anticipate enrollment growth so that the use of temporary solutions such as relocatable classrooms are minimized as well as support the high quality of educational programs currently offered and widely touted in the Walter Johnson Cluster schools. At the same time, the Roundtable members strongly believe that plans should avoid changes to the current school day schedules and grade configurations that could create logistical burdens for students, staff, or families. Although at times Roundtable members expressed disagreement about how to achieve these objectives, they consistently emphasized the importance of them.

The Roundtable embraced the opportunity to contemplate educational quality considerations in the context of how to address the space deficits that face the cluster as a whole. Roundtable members devoted considerable time and effort to assess the ways that approaches could potentially detract from student access to academic and extracurricular programs. They discussed how facilities could affect the academic, social, and developmental performance of students as well as how facilities could create implications for teachers and staffing arrangements.

Similarly, several Roundtable members welcomed the opportunity to brainstorm widely varying approaches that diverged from expectations and questioned assumptions about how schools work such as the alternative day schedule and online learning approaches. While some members resisted the exercise as spurious, others allowed discussion of approaches such as alternative school day schedules to bring to light essential beliefs about how schools should serve students and their families.

Although the Roundtable maintained a high level of engagement throughout the process, the scope of the process often challenged the group. The concept of an “approach” as opposed to a specified and implementable solution was difficult to grasp. The impulse to craft specific solutions for individual school communities, as opposed to generalized approaches, was strong due to the desire to address the large space deficits at individual schools. For many Roundtable members, the lack of an official Roundtable recommendation was a point of frustration as some expected to be part of decision making rather than an advisory and investigative process.

Other challenges for the Roundtable were more inherent to MCPS systems. The fixed constraints of MCPS capital planning and budgeting time frames, such as the amount of time it takes to get a new school built in the county, challenged the Roundtable members’ assumptions about how quickly and frequently school capacity can be provided. For example, it can take four to five years to build a new elementary school. Furthermore, process constraints such as how MCPS handles boundary changes or school site selection, challenged members to reconsider their roles on the Roundtable and the purpose of the Roundtable process. Learning that MCPS has a specific process to select a new school site compelled members to acknowledge the limits of their own influence over possible future school locations and return their attention to the Roundtable process as it was defined by MCPS.

Superintendent’s Recommendation

I commend the work of the Roundtable in its thoughtful and thorough review of the opportunities and challenges associated with the enrollment growth and capacity issues that face the Walter Johnson Cluster. To develop my recommendation, I carefully reviewed all of the input received, including the Roundtable’s final report, the PTA position papers, and the feedback collected from the community. In developing my recommendation, I reviewed the short-term and long-term impacts of the Kensington Master Plan, Rock Spring Master Plan, White Flint Sector Plans 1 and 2, and smaller developments in the Walter Johnson Cluster. I also took into consideration the Board of Education Policy FAA, *Long-range Educational Facilities Planning*, and MCPS Regulation FAA-RA, *Long-range Educational Facilities Planning*, to develop my recommendations, which are organized below by elementary, middle, and high schools.

Elementary Schools

In order to address the capacity needs at the cluster elementary schools, I recommend that the Board of Education adopt a combination of capital projects, program relocations, and school reassignments to address space deficits for the next six to 10 years. The table that follows the short-term and long-term total cluster elementary school enrollment projections.

Walter Johnson Cluster Elementary Schools Projected Enrollment, 2016–2046

	Off. Enr.	Projected Enrollment*										
	2016	2017	2018	2019	2020	2021	2022					2046
	– 2017	– 2018	– 2019	– 2020	– 2021	– 2022	– 2023	2026	2031	2036	2041	**
Total Walter Johnson Cluster Elementary Schools												
Program Capacity	3812	3812	3812	4086	4402	4402	4402	4631	4631	4631	4631	4631
Enrollment	4250	4345	4424	4471	4457	4573	4513	4800	4800	5100	5300	5500
Space available	-438	-533	-612	-385	-55	-171	-111	-169	-169	-469	-669	-869

* Projections from 2036 to 2046 assume complete build-out of Kensington and White Flint sector plans and proposed housing not associated with these sector plans. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2046 is considered peak enrollment. However, the projection for 2046 does not include Rock Spring Master Plan and White Flint 2 Sector Plan, as housing unit counts are not finalized at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

The table that follows displays the six-year enrollment projections for the six cluster elementary schools. Based on these projections, the cluster elementary school space deficit will be 57 seats. This space deficit is not sufficient to justify a new school in the cluster for the six-year planning period. In order to justify a new school, a total cluster space deficit would need to be approximately 450–500 seats. Based on the future housing development in the cluster, a new school will be needed in the long-term; therefore school planners will continue to monitor the enrollment for the need for a new school. However, three elementary schools—Ashburton, Farmland, and Garrett Park elementary schools—will have space deficits for the next six years while three of the schools—Kensington-Parkwood, Luxmanor, and Wyngate elementary schools—will have space available. Although a new school cannot be justified at this time, it is still important to address the immediate space needs for these schools. Therefore, I have outlined plans below to address the space deficits at Ashburton, Farmland, and Garrett Park elementary schools.

Although Ashburton Elementary School has an approved addition project scheduled for completion in August 2019 intended to relieve its space deficit, the updated enrollment forecast indicates that this project is no longer sufficient. As the table indicates, even with the approved addition project, the school would have a space deficit of 98 seats in the sixth year of the CIP despite the approved project. Moreover, the project expands the school well above the upper limit of the preferred school capacity range of approximately 740 seats, to 881 seats. In order to better address growing enrollment in the Ashburton Elementary School service area, I recommend reducing the size of the planned addition and simultaneously constructing a modular addition building to avoid permanently enlarging the school beyond a capacity of approximately 740 students. Once the modular building is no longer required, it will be relocated for future use to another school. A modular building will better meet the needs of the students not served by the permanent school building than relocatable classrooms because it will be attached to the permanent building while at Ashburton Elementary School, but it does not commit MCPS to an exceptionally large elementary school for many years to come. The alternative of moving forward with the planned addition project would not only force the commitment of a large elementary school but would still necessitate the use of relocatable classrooms at the school until a new elementary school can be constructed in the cluster.

Walter Johnson Cluster Elementary School Projections, 2016–2022

	Off. Enr.	Projected Enrollment					
	2016– 2017	2017– 2018	2018– 2019	2019–2020	2020–2021	2021–2022	2022–2023
Ashburton Elementary School							
Program Capacity	651	651	651	881	881	881	881
Enrollment	905	955	969	965	978	998	979
<i>Space available</i>	-254	-304	-318	-84	-97	-117	-98
Farmland Elementary School							
Program Capacity	714	714	714	714	714	714	714
Enrollment	755	808	834	854	868	865	835
<i>Space available</i>	-41	-94	-120	-140	-154	-151	-121
Garrett Park Elementary School							
Program Capacity	776	776	776	776	776	776	776
Enrollment	829	855	882	888	894	882	894
<i>Space available</i>	-53	-79	-106	-112	-118	-106	-118
Kensington-Parkwood Elementary School							
Program Capacity	472	472	746	746	746	746	746
Enrollment	656	653	664	667	674	676	676
<i>Space available</i>	-184	-181	82	79	72	70	70
Luxmanor Elementary School							
Program Capacity	411	411	411	429	745	745	745
Enrollment	467	466	496	531	555	588	596
<i>Space available</i>	-56	-55	-85	-102	190	157	149
Wyngate Elementary School							
Program Capacity	777	777	777	777	777	777	777
Enrollment	739	719	727	708	696	715	716
<i>Space available</i>	38	58	50	69	81	62	61
Total Elementary School							
Program Capacity	3,801	3,801	4,075	4,323	4,639	4,639	4,639
Enrollment	4,351	4,456	4,572	4,613	4,665	4,724	4,696
<i>Space available</i>	-550	-655	-497	-290	-26	-85	-57

In addition to the additions at the school, I also recommend the relocation of the four special education program Preschool Education Program (PEP) classes at the school to other locations. Three classes would move to Bradley Hills Elementary School and one class would move to Luxmanor Elementary School.

Bradley Hills Elementary School, which is adjacent to Ashburton Elementary School, recently had an addition constructed at the school and will have space available throughout the six- year period to accommodate the program. Luxmanor Elementary School currently has one PEP class, so increasing the program to two classes is in alignment with the school system goal to have a minimum of two PEP classes or more at a location. Moving these classes to other sites amenable to special education program leaders will increase the capacity of the school by 26 seats but would make available a total of four classrooms for use by the regular education program.

The table that follows displays the revised capacity and enrollment for Ashburton and Luxmanor elementary schools based on my recommendations. The combination of the above recommendations for Ashburton Elementary School will result in a school capacity of 770 seats in the sixth year of the CIP with a deficit of 122 to 155 seats when the addition is constructed which will be accommodated with the modular addition.

Recommended Effects on Ashburton Elementary and Luxmanor Elementary Schools

	Off. Enr.	Projected Enrollment					
	2016– 2017	2017– 2018	2018– 2019	2019– 2020	2020– 2021	2021– 2022	2022– 2023
Ashburton Elementary School							
Program Capacity	651	677	677	770	770	770	770
Enrollment	905	889	903	899	912	932	913
<i>Space available</i>	-254	-212	-226	-122	-135	-155	-136
Luxmanor Elementary School							
Program Capacity	411	406	406	758	758	758	758
Enrollment	467	484	514	549	573	606	614
<i>Space available</i>	-56	-78	-108	209	185	152	144

To address the space deficit of 121 seats at Farmland Elementary School in the sixth year of the CIP, I recommend monitoring the enrollment at the school, and if the space deficit continues to remain at this level, that student reassignments be considered to Luxmanor Elementary School one year prior to the completion of the Luxmanor Elementary School revitalization/expansion project. Currently, the project is scheduled to be completed in January 2020. Based on current enrollment projections, Luxmanor Elementary School will have 149 to 214 seats once the project is completed, and it is located in close proximity to Farmland Elementary School. This proposed recommendation should relieve the deficit at Farmland Elementary School completely.

To address the space deficit of 118 seats at Garrett Park Elementary School in the sixth year of the CIP, I recommend utilizing the Garrett Park annex located adjacent to Garrett Park Elementary School. The annex, currently leased by a child-care provider, would provide two classrooms, support rooms, and toilet rooms for the school to use. School planners will monitor enrollment at the school for the coming years and any additional space deficit would be accommodated by the use of relocatable classrooms if needed.

It is important to note that overutilization issues are challenging the school system at a substantial number of our schools at this time beyond the Walter Johnson Cluster—Rachel Carson, Clarksburg, Rosemont,

and Wilson Wims elementary schools—all have larger space deficits in the sixth year of the CIP than compared to the elementary schools in the Walter Johnson Cluster. As the school system works to provide capacity across the county, prioritization of the growing needs in the face of finite funding resources is ever more important. It is my assessment of the Roundtable process findings that MCPS students are best served by solutions that maximize current space and minimize vacancies in permanent structures without compromising key principles of quality educational environments such as a preferred range of enrollment.

If the Board of Education approves my recommendations, the design of the Ashburton Elementary School addition project will proceed on the scheduled completion in time for the 2019–2020 school year. In conjunction with the recommendation to relocate the PEP program to other schools, the reuse of the Garrett Park annex and a possible boundary reassignment to use available space in Luxmanor Elementary School after the revitalization/expansion project is complete, I believe we have a plan to address the short-term needs for the elementary schools in the cluster. Long-term, the housing development will be monitored along with the enrollment trends on an annual basis to determine when a new school can be included in a future CIP.

Middle Schools

After carefully reviewing the updated middle school enrollment projections for North Bethesda and Tilden middle schools, I recommend the continuation of the approved capital projects for both schools. FY 2017 construction funds are approved to proceed with the addition project at North Bethesda Middle School which is scheduled to open in August 2018. The capacity for the school will increase to 1,229 students with a master-planned addition for up to 1,500 students. Based on the long-term enrollment projections displayed in the table that follows, this plan will accommodate the short-term and long-term plans for North Bethesda Middle School.

A revitalization/expansion project (and collocation with Rock Terrace School) is scheduled for Tilden Middle School with a completion date of August 2020. When this project is complete, the capacity of the school will be expanded for 1,200 students with a master-planned addition for up to 1,500 students. Planning and design for this project is underway, and construction funds will be requested as part of the FY 2019–2024 CIP in October 2017. As the table also indicates, this plan will accommodate the short-term and long-term plans for Tilden Middle School.

Walter Johnson Cluster Middle School Projections, 2016–2046

	Off. Enr.	Projected Enrollment										
	2016 – 2017	2017 – 2018	2018 – 2019	2019 – 2020	2020– 2021	2021 – 2022	2022 – 2023	2026	2031	2036	2041	2046 **
North Bethesda Middle School												
Program Capacity	864	864	1,229	1,229	1,229	1,229	1,229	1,229	1,229	1,229	1,229	1,229
Enrollment	1,102	1,154	1,171	1,185	1,194	1,171	1,162	1,300	1,300	1,300	1,400	1,400
<i>Space available</i>	-238	-290	58	44	35	58	67	-71	-71	-71	-171	-171
Tilden Middle School												
Program Capacity	927	927	927	927	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Enrollment	911	943	953	964	1,021	1,090	1,164	1,300	1,300	1,300	1,400	1,400
<i>Space available</i>	16	-16	-26	-37	179	110	36	-100	-100	-100	-200	-200

* Projections from 2036 to 2046 assume complete build-out of Kensington and White Flint sector plans and proposed housing not associated with these sector plans. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2046 is considered peak enrollment. However, the projection for 2046 does not include Rock Spring Master Plan and White Flint 2 Sector Plan as housing unit counts are not finalized at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

High School

The table that follows displays both the short-term and long-term enrollment projections for Walter Johnson High School. In the short-term, the school will have a space deficit of 689 seats. When compared with other high schools in the county without an approved capital project, Walter Johnson High School has the greatest space deficit by the end of the six-year plan. In the long-term, if all the development were to be built out, the school could grow to 3,600 students. I appreciate and agree with the concerns expressed by most of the Roundtable members that a school for 3,600 students is not desirable. Therefore, I do not support nor do I believe that the approach to construct additions at Walter Johnson High School to expand the school to an eventual size for 3,600 students is educationally sound.

Walter Johnson High School Projections, 2016–2046

	Off. Enr.	Projected Enrollment										
	2016 – 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2026	2031	2036	2041	2046 **
Walter Johnson High School												
Program Capacity	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335
Enrollment	2,350	2,466	2,615	2,774	2,857	2,943	3,024	3,200	3,300	3,400	3,500	3,600
<i>Space available</i>	-15	-131	-280	-439	-522	-608	-689	-865	-965	1,065	1,165	-1,265

* Projections from 2036 to 2046 assume complete build-out of Kensington and White Flint sector plans and proposed housing not associated with these sector plans. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

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Based on the urgent space needs for the next six years and beyond, it is critical that a plan be ready to move in October 2017 as I prepare the FY 2019–2024 CIP. After reviewing the input from the Roundtable members, I understand that there is a strong desire to reopen the former Woodward High School to address the urgent high school space needs in this cluster. However, the reopening of Woodward High School solely for Walter Johnson High School would leave a significant amount of space available in the cluster which cannot be justified when there are limited capital funds and urgent space needs throughout this county. Therefore, I expanded my review of space needs beyond the Walter Johnson Cluster to determine if the reopening of Woodward High School could be justified for additional schools. The table that follows displays the critical space needs for Walter Johnson High School and adjacent high schools located in the Downcounty Consortium.

Downcounty Consortium and Walter Johnson High Schools Projections, 2016–2031

	Off. Enr.	Projected Enrollment								
	16–17	17–18	18–19	19–20	20–21	21–22	22–23	2026	2031	
Montgomery Blair High School										
Program Capacity	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920
Enrollment	2,982	3,093	3,175	3,258	3,398	3,479	3,606	3,700	3,700	3,700
<i>Space available</i>	-62	-172	-254	-338	-478	-558	-686	-780	-780	-780
Albert Einstein High School										
Program Capacity	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604
Enrollment	1,752	1,873	1,925	2,021	2,111	2,168	2,244	2,300	2,300	2,300
<i>Space available</i>	-148	-269	-321	-417	-507	-564	-640	-696	-696	-696

Walter Johnson High School										
Program Capacity	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335
Enrollment	2,350	2,466	2,615	2,774	2,857	2,943	3,024	3,200	3,300	3,300
<i>Space available</i>	<i>-15</i>	<i>-131</i>	<i>-280</i>	<i>-439</i>	<i>-522</i>	<i>-608</i>	<i>-689</i>	<i>-865</i>	<i>-965</i>	<i>-965</i>
John F. Kennedy High School										
Program Capacity	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833
Enrollment	1,604	1,746	1,803	1,875	1,979	2,058	2,142	2,200	2,200	2,200
<i>Space available</i>	<i>229</i>	<i>87</i>	<i>30</i>	<i>-42</i>	<i>-146</i>	<i>-225</i>	<i>-309</i>	<i>-367</i>	<i>-367</i>	<i>-367</i>
Northwood High School										
Program Capacity	1,508	1,508	1,508	1,508	1,508	1,508	1,508	1,508	1,508	1,508
Enrollment	1,658	1,740	1,837	1,878	1,998	2,035	2,152	2,200	2,200	2,200
<i>Space available</i>	<i>-150</i>	<i>-232</i>	<i>-329</i>	<i>-370</i>	<i>-490</i>	<i>-527</i>	<i>-644</i>	<i>-692</i>	<i>-692</i>	<i>-692</i>
Wheaton High School										
Program Capacity	1,722	1,722	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239
Enrollment	1,767	1,908	1,974	1,987	1,968	1,991	2,011	2,100	2,100	2,100
<i>Space available</i>	<i>-45</i>	<i>-186</i>	<i>265</i>	<i>252</i>	<i>271</i>	<i>248</i>	<i>228</i>	<i>139</i>	<i>139</i>	<i>139</i>
Total Enrollment										
Program Capacity	11,922	11,922	12,439	12,439	12,439	12,439	12,439	12,439	12,439	12,439
Enrollment	12,113	12,826	13,329	12,793	14,311	14,674	15,179	15,600	15,700	15,700
<i>Space available</i>	<i>-191</i>	<i>-904</i>	<i>-890</i>	<i>-1354</i>	<i>-1872</i>	<i>-2,235</i>	<i>-2,740</i>	<i>-3,261</i>	<i>-3,361</i>	<i>-3,361</i>

As the table above displays, there are urgent space needs in the Downcounty Consortium high schools compared to the needs at Walter Johnson High School. If one looks at these schools as a group, the total deficit for the six high schools by the end of the six years equals more than 3,200 seats, more than one high school of students. Five of the six high schools—Montgomery Blair, Albert Einstein, Walter Johnson, John F. Kennedy, and Northwood high schools—have significant space deficits projected for the next six years and beyond. Therefore, I recommend that the Board of Education convene a roundtable discussion group to include representatives from the five Downcounty Consortium high schools and Walter Johnson High School to study the following:

- Reopen the former Woodward High School to address the space deficits at the Montgomery Blair, Albert Einstein, Walter Johnson, John F. Kennedy, and Northwood high schools; and in addition
- Explore the possibility, and develop a potential model approach, to address space deficits at these high schools as well as others countywide, by offering alternative programmatic, career technology education, or other voluntary educational options for high school students through use of non-traditional facilities, including commercial space.

This roundtable process will not include discussion of boundary reassignments, choice patterns, or special education program placements, as separate processes would be implemented to address those issues at the appropriate time.

Although a capacity study to assess the possible expansion at the Downcounty Consortium high schools is underway, addition projects alone may not be sufficient to address the enormous space deficit at these schools. By including the Downcounty Consortium high schools along with Walter Johnson High School, the newly reopened Woodward High School could be fully utilized. However, the reopening of the facility will not be sufficient to accommodate all of the space deficits in these schools, and it is evident based

on the total space deficit for these schools that one or more additions also will be needed to resolve all of the space needs for these schools. Therefore, the ongoing capacity studies for the Downcounty Consortium high schools will continue concurrently so I may be able to develop a full recommendation next fall as part of the FY 2019–2024 CIP.

Consistent with Board of Education policy and school system regulations, the roundtable will serve in an advisory role and will be charged with providing evaluations of the options based on the guidance contained in MCPS Regulation FAA-RA. No recommendations will be made by the roundtable at the conclusion of the process.

I appreciate the concerns raised during the Roundtable process about school size at both the elementary and high school levels. I also appreciate the interest and attention paid to the possibility of reopening Woodward High School. I understand that school reassignments at any level represent change that is not always welcome. However, in the interest of efficiently relieving a large number of overutilized schools located in close proximity, I strongly advocate that these recommendations be studied in order to address the space deficits in these high schools.

I am confident that MCPS staff, along with architectural design teams, will successfully accommodate the highest quality academic and extracurricular programming at all affected schools—old, new, and/or revitalized. Community participation and feedback will continue to be sought throughout the upcoming study processes and incorporated into decision making as plans are developed and ultimately implemented.

Conclusion

I am confident that the combination of capital projects, program relocations, and proposed student reassignments recommended will fully address the space deficits at the elementary, middle, and high school levels while ensuring MCPS adheres to its stated policies and regulations about appropriate instructional spaces and school sizes. The school reassignments and capacity provision at Walter Johnson Cluster elementary schools will alleviate the current difficulties for the families and staff members coping with facilities that operate well above their capacities.



Walter Johnson Cluster Roundtable Discussion Group
*Secondary School Approaches to Address Space Deficits at
Walter Johnson Cluster Secondary Schools*

April 6, 2016

- Approach 1: Construct Additions
- Approach 2: Reopen Woodward as a Grades 9-12 High School
- Approach 3: Reopen Woodward as a Grades 9–10 High School
- Approach 4: Reopen Woodward as a Grades 8–9 School
- Approach 5: Use Nearby Commercial Space as a Grade 9 or 9/10 Annex
- Approach 6: Alternative Schedule
- Approach 7: Online Education
- Approach 8: New Middle and High Schools
- Approach 9: Collocate New High School and Middle School on Woodward Site
- Approach 10: Reassign Grade 9 Students to Middle School and Reopen Woodward as Grades 6–9 School

Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 1: Construct Additions

- Expand Walter Johnson HS for a capacity of 3000 students in six-year CIP
- Master plan Walter Johnson HS for a capacity of 3600 students to accommodate future enrollment
- Eventually expand North Bethesda MS for a capacity of 1350 students to accommodate future enrollment
- Eventually expand Tilden MS for a capacity of 1500 students to accommodate future enrollment
- Core spaces would be provided to accommodate the appropriate student enrollment

Program Considerations

- Consider academies or schools within a school at the high school to create smaller learning communities
- Consider smaller grade level teams at middle schools
- Increased course and program offerings at the high school level

SCHOOLS	Projected Enrollment*									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	3000	3000	3000	3000	3000	3600	3600
Enrollment	2356	2466	2649	2763	2865	3000	3100	3200	3350	3500
<i>space available</i>	-21	-131	-314	237	135	0	-100	-200	250	100
	<i>Begin Planning</i>			<i>Proposed Addition</i>					<i>Proposed Addition</i>	
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	106	68	-100	-100	150	100	50
				<i>Rev/Ex Comp.</i>				<i>Proposed Addition</i>		

Note: FY 2018 planning funds are currently included in the Walter Johnson HS Cluster Solution.

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2045 considered peak enrollment. However, the projection for 2045 does not include White Flint II and Rock Spring sector plans, because housing unit counts for these plans are not known at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 2: Reopen Woodward as a Grades 9-12 High School

- Reopen Woodward High School as a Grades 9–12 school
- The earliest the project could open is 2022–23 after the Tilden Middle School revitalization/expansion is complete
- Eventually expand North Bethesda MS for a capacity of 1350 students to accommodate future enrollment
- Eventually expand Tilden MS for a capacity of 1500 students to accommodate future enrollment
- Funding required for replacement of Woodward Holding Center

Program Considerations

- Consider a special program to increase enrollment at Walter Johnson HS
- Consider choice between Walter Johnson and Woodward high schools
- Create smaller grade level teams at middle schools
- Reduced course and program offerings available at smaller sized high schools

SCHOOLS	Projected Enrollment									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	2865	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	-428	-530	835	785	735	660	585
Woodward HS										
Program Capacity						1750	1750	1750	1750	1750
Enrollment						1500	1550	1600	1675	1750
<i>space available</i>						250	200	150	75	0
		<i>Begin Planning</i>				<i>Reopen 2022</i>				
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	106	68	-100	-100	150	100	50
				<i>Rev/Ex Comp.</i>				<i>Proposed Addition</i>		

Note: Woodward HS is not available until the revitalization/expansion of Tilden MS is complete.

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

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Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 3: Reopen Woodward as a Grades 9–10 High School

- Reopen Woodward High School to serve Grades 9–10 students
- The earliest the project could open is 2022–23 after the Tilden Middle School revitalization/expansion is complete
- Eventually expand North Bethesda MS for a capacity of 1350 students to accommodate future enrollment
- Eventually expand Tilden MS for a capacity of 1500 students to accommodate future enrollment
- Funding required for replacement of Woodward Holding Center

Program Considerations

- Consider transportation when needed for students to attend specialty/singleton classes
- Course opportunities may be reduced with grades split between two campuses

SCHOOLS	Projected Enrollment									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Current Enrollment	2356	2466	2649	2763	2865	3000	3100	3200	3350	3500
Gr 9-10 Enrollment	2356	2466	2649	2763	2865	1471	1500	1600	1675	1750
space available	-21	-131	-314	-428	-530	835	785	735	660	585
		<i>Begin Planning</i>				<i>Reorganize</i>				
Woodward HS										
Program Capacity						1750	1750	1750	1750	1750
Enrollment						1500	1550	1600	1675	1750
space available						250	200	150	75	0
		<i>Begin Planning</i>				<i>Reopen 2022</i>				
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
space available	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
space available	-20	-53	-85	106	68	-100	-100	150	100	50
				<i>Rev/Ex Comp.</i>				<i>Proposed Addition</i>		

Note: Woodward HS is not available until the revitalization/expansion of Tilden MS is complete.

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Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 4: Reopen Woodward as a Grades 8–9 School

- Reopen Woodward High School to serve Grades 8–9 students
- The earliest the project could open is 2022–23 after the Tilden Middle School revitalization/expansion is complete
- Walter Johnson High School would serve Grades 10–12 students; master plan addition for 2700 students long-term
- North Bethesda and Tilden middle schools would serve Grades 6–7 students
- Remove North Bethesda Middle School addition from current CIP as additional capacity would not be required
- The Tilden MS revitalization/expansion capacity would be designed for 1000 students
- Funding required for replacement of Woodward Holding Center

Program Considerations

- Provide transportation when needed for students to attend specialty/singleton classes
- Creates two schools (Grades 6–7 and Grades 8–9) with only two grade levels
- Staffing and program implications with the Grades 8–9 school (middle and high school level in one school)

SCHOOLS	PROJECTED ENROLLMENT									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
Enrollment	2356	2466	2649	2763	2865	2250	2325	2400	2510	2625
<i>space available</i>	-21	-131	-314	-428	-530	85	10	-65	-175	75
					<i>Reor- ganize</i>	<i>Reor- ganize</i>				<i>Proposed Addition</i>
Woodward HS										
Program Capacity						1850	1850	1850	1850	1850
Enrollment						1610	1505	1670	1735	1785
<i>space available</i>						240	345	180	115	65
						<i>Reopen 2022</i>				
North Bethesda MS										
Program Capacity	864	864	864	864	864	864	864	864	864	864
Enrollment	1183	1200	1206	1194	764	870	900	830	870	870
<i>space available</i>	-319	-336	-342	-330	100	-6	-36	34	-6	-6
					<i>Reor- ganize</i>					
Tilden MS										
<i>Program Capacity</i>	939	939	939	1000	1000	1000	1000	1000	1000	1000
Enrollment	959	992	1024	1094	775	870	870	900	935	970
<i>space available</i>	-20	-53	-85	-94	225	130	130	100	65	30
				<i>Rev/Ex Comp.</i>	<i>Reor- ganize</i>					

Note: Woodward HS is not available until the revitalization/expansion of Tilden MS is complete.

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Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 5: Use Nearby Commercial Space as a Grade 9 or 9/10 Annex

- Lease or purchase commercial space in Rock Springs area for Grade 9 or Grades 9/10 students
- Walter Johnson High School would serve Grades 9/10–12 students
- Eventually expand North Bethesda MS for a capacity of 1350 students to accommodate future enrollment
- Eventually expand Tilden MS for a capacity of 1500 students to accommodate future enrollment
- Could be a short-term or long-term solution

Program Considerations

- Consider Grades 9/10 students attending the annex for half the day and the main campus for half the day; half the grade attends annex in morning and then walks back to main campus; students switch during lunch to walk to the other campus
- Consider Grade 9 attending annex for full day; walk to main campus for singleton classes

SCHOOLS	PROJECTED ENROLLMENT									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
Enrollment	2356	2466	1848	2010	2090	2250	2325	2400	2510	2625
<i>space available</i>	-21	-131	487	325	245	85	10	-65	-175	75
			<i>Reor- ganize</i>							<i>Proposed Addition</i>
Commercial Annex										
Program Capacity			900	900	900	900	900	900	900	900
Enrollment			800	750	775	750	775	800	840	875
<i>space available</i>			100	150	125	150	125	100	60	25
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	106	68	-100	-100	150	100	50
				<i>Rev/Ex Comp.</i>				<i>Proposed Addition</i>		

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Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 6: Alternative Schedule

- Extend operating hours of school to provide split sessions to utilize building for two sessions
- Walter Johnson High School would serve Grades 9–12 students
- Provide a morning and an afternoon session
- Eventually expand North Bethesda MS for a capacity of 1350 students to accommodate future enrollment
- Eventually expand Tilden MS for a capacity of 1500 students to accommodate future enrollment

Program Considerations

- Impact on after school activities such as athletics and clubs
- Impact on specialty classes such as music and theater
- Implications for school operation such as transportation, exam schedules, school delays, and staffing
- Consider strategies to encourage significant enrollment online

SCHOOLS	PROJECTED ENROLLMENT									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
<i>Program Capacity</i>	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	1381	1433	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	954	903	835	785	735	660	585
Split Session										
Enr. Per Session				1382	1433	1500	1550	1600	1675	1750
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	106	68	-100	-100	150	100	50
				<i>Rev/Ex Comp.</i>				<i>Proposed Addition</i>		

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Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 7: Online Education

- Encourage all Grade 12 students to take half their course load online; attend school half day
- Walter Johnson High School would serve Grades 9–12 students
- Begin implementation in 2018–19 with fewer students
- Expand Walter Johnson High School to 3200 students
- Eventually expand North Bethesda MS for a capacity of 1350 students to accommodate future enrollment
- Eventually expand Tilden MS for a capacity of 1500 students to accommodate future enrollment

Program Considerations

- Provide sufficient number of course offerings to accommodate student need

SCHOOLS	PROJECTED ENROLLMENT									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	3200	3200	3200	3200	3200	3200
Enrollment	2356	2366	2449	2463	2507	2625	2710	2800	2930	3060
<i>space available</i>	-21	-31	-114	-128	693	575	490	400	270	140
	<i>Begin Planning</i>				<i>Addition Opens</i>					
Online Students										
Enrollment		100	200	300	358	375	390	400	420	440
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	106	68	-100	-100	150	100	50
				<i>Rev/Ex Comp.</i>				<i>Proposed Addition</i>		

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2045 considered peak enrollment. However, the projection for 2045 does not include White Flint II and Rock Spring sector plans, because housing unit counts for these plans are not known at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

March 2, 2016

Approach 8: New Middle and High Schools

- Purchase site for a new middle school and a new high school
- Walter Johnson High School and the new high school would serve Grades 9–12
- Open new middle school with a capacity for 1000 students by 2025; utilize relocatables until new school opens
- Walter Johnson High School and the new high school would serve Grades 9–12
- Remove North Bethesda Middle School addition from current CIP as additional capacity would not be required
- The Tilden MS revitalization/expansion capacity would be designed to the current capacity of 939

Program Considerations

- Creates three smaller middle schools in the long-term
- Reduced course and program offerings available at smaller sized high schools

SCHOOLS	PROJECTED ENROLLMENT									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	1433	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	-428	903	835	785	735	660	585
New High School										
Program Capacity					1750	1750	1750	1750	1750	1750
Enrollment					1433	1500	1550	1600	1675	1750
<i>space available</i>					318	250	200	150	75	0
	<i>Begin Planning</i>				<i>Open school</i>					
North Bethesda MS										
Program Capacity	864	864	864	864	864	864	864	864	864	864
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
Tilden MS										
Program Capacity	939	939	939	939	939	939	939	939	939	939
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
				<i>Rev/Ex Comp.</i>						
New Middle School										
Program Capacity						1000	1000	1000	1000	1000
Enrollment										
<i>space available</i>						1000	1000	1000	1000	1000
						<i>Open school</i>				

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2045 considered peak enrollment. However, the projection for 2045 does not include White Flint II and Rock Spring sector plans, because housing unit counts for these plans are not known at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

April 6, 2016

Approach 9: Collocate New High School and Middle School on Woodward Site

- Collocate Grades 9–12 high school and Grades 6–8 middle school on Woodward site
- Open collocated facility in 2022; utilize relocatables until new school opens
- Walter Johnson High School and the new high school would serve Grades 9–12
- Remove North Bethesda Middle School addition from current CIP as additional capacity would not be required
- The Tilden MS revitalization/expansion capacity would be designed to the current capacity of 939

Program Considerations

- Creates three smaller middle schools in the long-term
- Reduced course and program offerings available at smaller sized high schools
- Woodward site is only 29.8 acres; minimum acreage to accommodate full instructional program for high school is 35 acres and 15.5 acres for middle school for a total of 50.5 acres for both schools; approximately 5-6 acres of field space available in adjacent park

SCHOOLS	PROJECTED ENROLLMENT									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	2866	1500	1550	1600	1675	1750
space available	-21	-131	-314	-428	-531	835	785	735	660	585
Woodward HS										
Program Capacity						1750	1750	1750	1750	1750
Enrollment						1500	1550	1600	1675	1750
space available						250	200	150	75	0
	<i>Begin Planning</i>					<i>Opens 2022</i>				
North Bethesda MS										
Program Capacity	864	864	864	864	864	864	864	864	864	864
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
space available	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
Tilden MS										
Program Capacity	939	939	939	939	939	939	939	939	939	939
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
space available	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
				<i>Rev/Ex Comp.</i>						
Woodward MS										
Program Capacity						1000	1000	1000	1000	1000
Enrollment						<i>1000</i>	<i>1000</i>	<i>1000</i>	<i>1000</i>	<i>1000</i>
space available										
						<i>Opens 2022</i>				

Note: Woodward HS is not available until the revitalization/expansion of Tilden MS is complete.

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2045 considered peak enrollment. However, the projection for 2045 does not include White Flint II and Rock Spring sector plans, because housing unit counts for these plans are not known at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

Walter Johnson Cluster Roundtable Discussion Group

Secondary School Approaches to Address Space Deficits at

Walter Johnson Cluster Secondary Schools

April 6, 2016

Approach 10: Reassign Grade 9 Students to Middle Schools and Reopen Woodward as Grades 6–9 School

- Reopen Woodward High School to serve Grades 6–9 students
- The earliest the project could open is 2022–23 after the Tilden Middle School revitalization/expansion is complete
- Walter Johnson High School would serve Grades 10–12 students; master plan addition for 2700 students long-term
- North Bethesda, Tilden, and Woodward middle schools would serve Grades 6–9 students
- Funding required for replacement of Woodward Holding Center

Program Considerations

- Staffing and program implications for Grade 9 students located at three middle schools
- Staffing and program implications with the Grades 6–9 school (middle and high school level in one building)

SCHOOLS	PROJECTED ENROLLMENT									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035*	2040*	2045**
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
Enrollment	2356	2466	2649	2763	2865	2250	2325	2400	2510	2625
<i>space available</i>	-21	-131	-314	-428	-530	85	10	-65	-175	75
						<i>Reor- ganize</i>				<i>Proposed Addition</i>
Woodward MS										
Program Capacity						1200	1200	1200	1200	1200
Enrollment						1115	995	1135	1175	1200
<i>space available</i>						85	205	65	25	0
						<i>Reopen 2022</i>				
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1229	1229
Enrollment	1183	1200	1206	1194	1181	1115	1060	1100	1150	1160
<i>space available</i>	-319	29	23	35	48	114	169	129	79	69
		<i>Addition Opens</i>				<i>Reor- ganize</i>				
Tilden MS										
<i>Program Capacity</i>	939	939	939	1200	1200	1200	1200	1200	1200	1200
Enrollment	959	992	1024	1094	1132	1115	1125	1165	1215	1260
<i>space available</i>	-20	-53	-85	106	68	185	175	185	185	190
				<i>Rev/Ex Comp.</i>		<i>Reor- ganize</i>				

Note: Woodward HS is not available until the revitalization/expansion of Tilden MS is complete.

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2045 considered peak enrollment. However, the projection for 2045 does not include White Flint II and Rock Spring sector plans, because housing unit counts for these plans are not known at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

Walter Johnson Cluster Roundtable Discussion Group

Comparison of Approaches By School

April 6, 2016

Walter Johnson HS										
	Projected Enrollment*									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035*	2040*	2045**
Current Enrollment/Projections										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	2865	3000	3100	3200	3350	3500
<i>space available</i>	-21	-131	-314	-428	-530	-665	-765	-865	-1015	-1165
Approach #1										
Program Capacity	2335	2335	2335	3000	3000	3000	3000	3000	3600	3600
Enrollment	2356	2466	2649	2763	2865	3000	3100	3200	3350	3500
<i>space available</i>	-21	-131	-314	237	135	0	-100	-200	250	100
Approach #2										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	2865	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	-428	-530	835	785	735	660	585
Approach #3										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	2865	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	-428	-530	835	785	735	660	585
Approach #4										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
Enrollment	2356	2466	2649	2763	2865	2250	2325	2400	2510	2625
<i>space available</i>	-21	-131	-314	-428	-530	85	10	-65	-175	75
Approach #5										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
Enrollment	2356	2466	1848	2010	2090	2250	2325	2400	2510	2625
<i>space available</i>	-21	-131	487	325	245	85	10	-65	-175	75
Approach #6										
<i>Program Capacity</i>	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	1381	1433	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	954	903	835	785	735	660	585
Approach #7										
Program Capacity	2335	2335	2335	2335	3200	3200	3200	3200	3200	3200
Enrollment	2356	2366	2449	2463	2507	2625	2710	2800	2930	3060
<i>space available</i>	-21	-31	-114	-128	693	575	490	400	270	140
Approach #8										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	1433	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	-428	903	835	785	735	660	585
Approach #9										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2356	2466	2649	2763	1433	1500	1550	1600	1675	1750
<i>space available</i>	-21	-131	-314	-428	903	835	785	735	660	585
Approach #10										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
Enrollment	2356	2466	2649	2763	2865	2250	2325	2400	2510	2625
<i>space available</i>	-21	-131	-314	-428	-530	85	10	-65	-175	75

Woodward HS										
	Projected Enrollment*									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035*	2040*	2045**
Approach #2										
Program Capacity						1750	1750	1750	1750	1750
Enrollment						1500	1550	1600	1675	1750
<i>space available</i>						250	200	150	75	0
Approach #3										
Program Capacity						1750	1750	1750	1750	1750
Enrollment						1500	1550	1600	1675	1750
<i>space available</i>						250	200	150	75	0
Approach #4										
Program Capacity						1850	1850	1850	1850	1850
Enrollment						1610	1505	1670	1735	1785
<i>space available</i>						240	345	180	115	65
Approach #9 (High School)										
Program Capacity						1750	1750	1750	1750	1750
Enrollment						250	200	150	75	0
<i>space available</i>						835	785	735	660	585
Approach #9 (Middle School)										
Program Capacity						1000	1000	1000	1000	1000
Enrollment						1000	1000	1000	1000	1000
<i>space available</i>						1000	1000	1000	1000	1000
Approach #10 (Middle School Grades 6-9)										
Program Capacity						1200	1200	1200	1200	1200
Enrollment						1115	995	1135	1175	1200
<i>space available</i>						85	205	65	25	0

North Bethesda MS										
	Projected Enrollment*									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035*	2040*	2045**
Approaches #1, 2, 3, 5, 6, and 7										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
Approach #4										
Program Capacity	864	864	864	864	864	864	864	864	864	864
Enrollment	1183	1200	1206	1194	764	870	900	830	870	870
<i>space available</i>	-319	-336	-342	-330	100	-6	-36	34	-6	-6
Approach #8										
Program Capacity	864	864	864	864	864	864	864	864	864	864
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
Approach #9										
Program Capacity	864	864	864	864	864	864	864	864	864	864
Enrollment	1183	1200	1206	1194	1181	1300	1200	1250	1300	1300
<i>space available</i>	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
Approach #10										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1229	1229
Enrollment	1183	1200	1206	1194	1181	1115	1060	1100	1150	1160
<i>space available</i>	-319	29	23	35	48	114	169	129	79	69

Tilden MS										
	Projected Enrollment*									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035*	2040*	2045**
Approaches #1, 2, 3, 5, 6, and 7										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	106	68	-100	-100	150	100	50
Approach #4										
<i>Program Capacity</i>	939	939	939	1000	1000	1000	1000	1000	1000	1000
Enrollment	959	992	1024	1094	775	870	870	900	935	970
<i>space available</i>	-20	-53	-85	-94	225	130	130	100	65	30
Approach #8										
Program Capacity	939	939	939	939	939	939	939	939	939	939
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
Approach #9										
Program Capacity	939	939	939	939	939	939	939	939	939	939
Enrollment	959	992	1024	1094	1132	1300	1300	1350	1400	1450
<i>space available</i>	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
Approach #10										
<i>Program Capacity</i>	939	939	939	1200	1200	1200	1200	1200	1200	1200
Enrollment	959	992	1024	1094	1132	1115	1125	1165	1215	1260
<i>space available</i>	-20	-53	-85	106	68	185	175	185	185	190



Walter Johnson Cluster Roundtable Discussion Group
*Elementary School Approaches to Address Space Deficits at
Walter Johnson Cluster Elementary Schools*

Revised May 4, 2016

Approach 1: Open a New Elementary School

Approach 1a: Open New Elementary School; Remove Ashburton Elementary
School Addition

Approach 1b: Open New Elementary School; Remove Ashburton Elementary
School Addition (Build Core Improvements Only)

Approach 2: Reorganize Schools for Grades K–4 in Conjunction with Secondary
School Approach #4

Approach 3: Expand Some of the Elementary Schools for a Capacity of 850-890
Students

Approach 4: Open an Early Childhood Center

Approach 5: Open a New Elementary School and Pair it With Ashburton
Elementary School

Approach 6: Reorganize Schools for Grades K–4 Elementary Schools, Grades
5–8 Middle Schools

Short-term Approaches

Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

April 6, 2016

Approach 1: Open a New Elementary School

- Reopen a closed school or open a new school in the cluster with a capacity of 740 students by 2035
- Boundary changes would be required to create the service area for the new school
- Maintain current addition project for Ashburton Elementary School of 881 students
- Maintain planned capacity for Luxmanor Elementary School revitalization/expansion project of 740 students

Program Considerations

- Ashburton Elementary School is built to a capacity above MCPS preferred range of enrollment

SCHOOLS	PROJECTED ENROLLMENT *									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035	2040	2045 **
Ashburton										
<i>Program Capacity</i>	652	652	881	881	881					
Enrollment	926	917	895	890	886					
<i>space available</i>	-274	-265	-14	-9	-5					
			<i>Addition opens</i>							
Farmland										
<i>Program Capacity</i>	729	729	729	729	729					
Enrollment	762	755	744	747	745					
<i>space available</i>	-33	-26	-15	-18	-16					
Garrett Park										
<i>Program Capacity</i>	752	752	752	752	752					
Enrollment	874	902	904	902	880					
<i>space available</i>	-122	-150	-152	-150	-128					
Kensington-Parkwood										
<i>Program Capacity</i>	472	746	746	746	746					
Enrollment	672	685	688	706	715					
<i>space available</i>	-200	61	58	40	31					
		<i>Addition opens</i>								
Luxmanor										
<i>Program Capacity</i>	429	429	745	745	745					
Enrollment	457	472	500	512	542					
<i>space available</i>	-28	-43	245	233	203					
			<i>Rev/Ex Comp. Jan. 2020</i>							
Wyngate										
<i>Program Capacity</i>	778	778	778	778	778					
Enrollment	733	740	726	726	745					
<i>space available</i>	45	38	52	52	33					
New Elementary School										
<i>Program Capacity</i>								740	740	740
Enrollment								740	740	740
<i>space available</i>										
								<i>Proposed Opening</i>		
Total Elementary Schools										
<i>Program Capacity</i>	3812	4086	4631	4631	4631	4631	4631	5371	5371	5371
Enrollment	4424	4471	4457	4483	4513	4800	4800	5100	5300	5500
<i>space available</i>	-612	-385	174	148	118	-169	-169	271	71	-129

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

**The projection for 2045 considered peak enrollment. However, the projection for 2045 does not include White Flint II and Rock Spring sector plans, because housing unit counts for these plans are not known at this time. The longer the forecast period, the more error is possible. It is considered equally likely for enrollment to come in below the numbers as it is for enrollment to exceed them.

Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

April 6, 2016

Approach 1a: Open a New Elementary School: Remove Ashburton Elementary School Addition

- Reopen a closed school or open a new school in the cluster with a capacity of 550 students in 2022
- Boundary changes would be required to create the service area for the new school
- Remove Ashburton Elementary School addition from current Capital Improvements Program and continue to use relocatable classrooms until new school opens
- Maintain current capacity for Luxmanor Elementary School revitalization/expansion project
- Consider additions or new school in the future

Program Considerations

- All schools fall within MCPS preferred range of enrollment

SCHOOLS	PROJECTED ENROLLMENT *									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035	2040	2045 **
Ashburton										
<i>Program Capacity</i>	652	652	652	652	652					
Enrollment	926	917	895	890	886					
<i>space available</i>	-274	-265	-243	-238	-234					
Farmland										
<i>Program Capacity</i>	729	729	729	729	729					
Enrollment	762	755	744	747	745					
<i>space available</i>	-33	-26	-15	-18	-16					
Garrett Park										
<i>Program Capacity</i>	752	752	752	752	752					
Enrollment	874	902	904	902	880					
<i>space available</i>	-122	-150	-152	-150	-128					
Kensington-Parkwood										
<i>Program Capacity</i>	472	746	746	746	746					
Enrollment	672	685	688	706	715					
<i>space available</i>	-200	61	58	40	31					
		<i>Addition opens</i>								
Luxmanor										
<i>Program Capacity</i>	429	429	745	745	745					
Enrollment	457	472	500	512	542					
<i>space available</i>	-28	-43	245	233	203					
			<i>Rev/Ex Comp. Jan. 2020</i>							
Wyngate										
<i>Program Capacity</i>	778	778	778	778	778					
Enrollment	733	740	726	726	745					
<i>space available</i>	45	38	52	52	33					
New Elementary School										
<i>Program Capacity</i>						550	550	740	740	740
Enrollment										
<i>space available</i>						550	550	740	740	740
						<i>Proposed Opening 2022</i>		<i>Proposed Addition</i>		
Total Elementary Schools										
<i>Program Capacity</i>	3812	4086	4402	4402	4402	4952	4952	5142	5142	5142
Enrollment	4424	4471	4457	4483	4513	4800	4800	5100	5300	5500
<i>space available</i>	-612	-385	-55	-81	-111	152	152	42	-158	-358

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

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Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

May 4, 2016

Approach 1b: Open a New Elementary School; Remove Ashburton Elementary School Addition (Build Core Improvements Only)

- Reopen a closed school or open a new school in the cluster with a capacity of 550 students by 2022
- Boundary changes would be required to create the service area for the new school
- Build only core and support spaces at Ashburton Elementary School and continue to use relocatable classrooms until new school opens
- Maintain planned capacity for Luxmanor Elementary School revitalization/expansion project of 740 students

Program Considerations

- All schools fall within MCPS preferred range of enrollment

SCHOOLS	PROJECTED ENROLLMENT *									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035	2040	2045 **
Ashburton										
<i>Program Capacity</i>	652	652	652	652	652					
Enrollment	926	917	895	890	886					
<i>space available</i>	-274	-265	-243	-238	-234					
Farmland										
<i>Program Capacity</i>	729	729	729	729	729					
Enrollment	762	755	744	747	745					
<i>space available</i>	-33	-26	-15	-18	-16					
Garrett Park										
<i>Program Capacity</i>	752	752	752	752	752					
Enrollment	874	902	904	902	880					
<i>space available</i>	-122	-150	-152	-150	-128					
Kensington-Parkwood										
<i>Program Capacity</i>	472	746	746	746	746					
Enrollment	672	685	688	706	715					
<i>space available</i>	-200	61	58	40	31					
		<i>Addition opens</i>								
Luxmanor										
<i>Program Capacity</i>	429	429	745	745	745					
Enrollment	457	472	500	512	542					
<i>space available</i>	-28	-43	245	233	203					
			<i>Rev/Ex Comp. Jan. 2020</i>							
Wyngate										
<i>Program Capacity</i>	778	778	778	778	778					
Enrollment	733	740	726	726	745					
<i>space available</i>	45	38	52	52	33					
New Elementary School										
<i>Program Capacity</i>						550	550	740	740	740
Enrollment										
<i>space available</i>						550	550	740	740	740
						<i>Proposed Opening 2022</i>		<i>Proposed Addition</i>		
Total Elementary Schools										
<i>Program Capacity</i>	3812	4086	4402	4402	4402	4952	4952	5142	5142	5142
Enrollment	4424	4471	4457	4483	4513	4800	4800	5100	5300	5500
<i>space available</i>	-612	-385	-55	-81	-111	152	152	42	-158	-358

* Projections from 2035 to 2045 assume complete build-out of White Flint and Kensington sector plans and proposed housing not associated with these sector plans. Total build-out includes 115 single-family detached units, 115 townhouse units, 350 multi-family mid-rise units, and 14,334 multi-family high-rise units. Market conditions and the pace of redevelopment of existing properties could change the number of units built and the timing of full build-out. Most master plans never reach full build-out.

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Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

April 6, 2016, Revised April 14, 2016

Approach 2: Reorganize Schools for Grades K–4 Elementary Schools in Conjunction with Secondary School

Approach #4

- Reorganize elementary schools for Grades K–4 and middle schools for Grades 5–7, reopen Woodward as a Grades 8–9 school, and reorganize Walter Johnson High School for Grades 10–12 beginning in 2021–2022 school year.
- Reduce size of Ashburton Elementary School addition from 881 to 740 students.
- Build addition at North Bethesda Middle School with a capacity for 1229 students and master plan for 1350 students
- Design capacity of Tilden Middle School revitalization/expansion project for 1200 students with a master planned capacity for 1500 students

Program Considerations

- All elementary schools are built to MCPS preferred range of enrollment
- Grade reorganization impacts current elementary, middle, and high school instructional models and staffing allocations
- Core instruction for Grade 5 students would continue as elementary school

SCHOOLS	PROJECTED ENROLLMENT *									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035	2040	2045 **
Ashburton										
<i>Program Capacity</i>	652	652	740	740	740					
Enrollment	926	917	895	890	741					
<i>space available</i>	-274	-265	-155	-150	-1					
			<i>Addition opens</i>		<i>Reorganize</i>					
Farmland										
<i>Program Capacity</i>	729	729	729	729	729					
Enrollment	762	755	744	747	615					
<i>space available</i>	-33	-26	-15	-18	114					
					<i>Reorganize</i>					
Garrett Park										
<i>Program Capacity</i>	752	752	752	752	752					
Enrollment	874	902	904	902	720					
<i>space available</i>	-122	-150	-152	-150	32					
					<i>Reorganize</i>					
Kensington-Parkwood										
<i>Program Capacity</i>	472	746	746	746	746					
Enrollment	672	685	688	706	595					
<i>space available</i>	-200	61	58	40	151					
		<i>Addition opens</i>			<i>Reorganize</i>					
Luxmanor										
<i>Program Capacity</i>	429	429	745	745	745					
Enrollment	457	472	500	512	455					
<i>space available</i>	-28	-43	245	233	290					
			<i>Rev/Ex Comp. Jan. 2020</i>		<i>Reorganize</i>					
Wyngate										
<i>Program Capacity</i>	778	778	778	778	778					
Enrollment	733	740	726	726	620					
<i>space available</i>	45	38	52	52	158					
					<i>Reorganize</i>					
Total Elementary Schools										
<i>Program Capacity</i>	3812	4086	4490	4490	4490	4490	4490	4490	4490	4490
Enrollment					3746	4000	4000	4250	4420	4585
<i>space available</i>	-612	-385	33	-83	744	490	490	240	70	-95

SCHOOLS	PROJECTED ENROLLMENT *									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035	2040	2045 **
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
Enrollment	1183	1200	1206	1194	1154	1270	1300	1255	1310	1325
space available	-319	29	23	35	75	-41	-71	-26	40	25
		<i>Addition opens</i>			<i>Reorganize</i>				<i>Proposed Addition</i>	
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
Enrollment	959	992	1024	1094	1152	1270	1270	1325	1375	1430
space available	-20	-53	-85	106	48	-70	-70	175	125	70
				<i>Rev/Ex Comp.</i>	<i>Reorganize</i>			<i>Proposed Addition</i>		
Walter Johnson HS										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
Enrollment	2356	2466	2649	2763	2865	2250	2325	2400	2510	2625
space available	-21	-131	-314	-428	-530	85	10	-65	-175	75
					<i>Reorganize</i>					<i>Proposed Addition</i>
Woodward HS										
Program Capacity						1850	1850	1850	1850	1850
Enrollment						1610	1505	1670	1735	1785
space available						240	345	180	115	65
						<i>Reopen 2022</i>				

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Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

April 6, 2016, Revised April 14, 2016

Approach 3: Expand Some of the Elementary Schools for a Capacity of 850-890 Students

- Expand Kensington-Parkwood and Luxmanor Elementary School for a capacity of 850-890 students and consider boundary changes in the future
- Consider opening a new school in 2045; future boundary changes would be required to create the service area for the school

Program Considerations

- Ashburton, Kensington-Parkwood, and Luxmanor elementary schools are built to a capacity above MCPS preferred range of enrollment
- Possible site constraints at some schools may limit expansions; feasibility studies would be needed to confirm if all schools could be expanded

SCHOOLS	PROJECTED ENROLLMENT *									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035	2040	2045 **
Ashburton										
<i>Program Capacity</i>	652	652	881	881	881					
Enrollment	926	917	895	890	886					
<i>space available</i>	-274	-265	-14	-9	-5					
			<i>Addition opens</i>							
Farmland										
<i>Program Capacity</i>	729	729	729	729	729					
Enrollment	762	755	744	747	745					
<i>space available</i>	-33	-26	-15	-18	-16					
Garrett Park										
<i>Program Capacity</i>	752	752	752	752	752					
Enrollment	874	902	904	902	880					
<i>space available</i>	-122	-150	-152	-150	-128					
Kensington-Parkwood										
<i>Program Capacity</i>	472	746	746	746	878					
Enrollment	672	685	688	706	715					
<i>space available</i>	-200	61	58	40	163					
		<i>Addition Opens</i>			<i>Addition opens</i>					
Luxmanor										
<i>Program Capacity</i>	429	429	877	877	877					
Enrollment	457	472	500	512	542					
<i>space available</i>	-28	-43	377	365	335					
			<i>Rev/Ex Comp. Jan. 2020</i>							
Wyngate										
<i>Program Capacity</i>	778	778	778	778	778					
Enrollment	733	740	726	726	745					
<i>space available</i>	45	38	52	52	33					
New Elementary School										
<i>Program Capacity</i>										740
Enrollment										740
<i>space available</i>										<i>Proposed Opening</i>
Total Elementary Schools										
<i>Program Capacity</i>	3812	4086	4763	4763	4895	4895	4895	4895	4895	5635
Enrollment	4424	4471	4457	4483	4513	4800	4800	5100	5300	5500
<i>space available</i>	-612	-385	306	280	382	95	95	-205	-405	135

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Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

April 6, 2016, Revised April 14, 2016

Approach 4: Open an Early Childhood Center

- Open an early childhood center for Grades prekindergarten and kindergarten students and special education PEP students in the 2021–2022 school year
- Reassign prekindergarten and kindergarten students from Ashburton, Garrett Park, and Luxmanor elementary schools to this center
- Future boundary changes would be considered
- Consider opening a new school in 2045; future boundary changes would be required to create the service area for the school

Program Considerations

- Ashburton Elementary School is built to a capacity above MCPS preferred range of enrollment
- Impact of reassigning kindergarten students to an early childhood center

SCHOOLS	PROJECTED ENROLLMENT *									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035	2040	2045 **
Ashburton										
Program Capacity	652	652	881	881	881					
Enrollment	926	917	895	890	685					
space available	-274	-265	-14	-9	196					
			Addition opens		Reassign pre-K and Kind.					
Farmland										
Program Capacity	729	729	729	729	729					
Enrollment	762	755	744	747	745					
space available	-33	-26	-15	-18	-16					
Garrett Park										
Program Capacity	752	752	752	752	752					
Enrollment	874	902	904	902	740					
space available	-122	-150	-152	-150	12					
					Reassign pre-K and Kind.					
Kensington-Parkwood										
Program Capacity	472	746	746	746	746					
Enrollment	672	685	688	706	715					
space available	-200	61	58	40	31					
		Addition opens								
Luxmanor										
Program Capacity	429	429	745	745	745					
Enrollment	457	472	500	512	435					
space available	-28	-43	245	233	310					
			Rev/Ex Comp. Jan. 2020		Reassign pre-K and Kind.					
Wygate										
Program Capacity	778	778	778	778	778					
Enrollment	733	740	726	726	745					
space available	45	38	52	52	33					
Early Childhood Center										
Program Capacity					350					
Enrollment					313					
space available					37					
					Proposed Opening					
New Elementary School										
Program Capacity										740
Enrollment										740
space available										Proposed Opening
Total Elementary Schools										
Program Capacity	3812	4086	4631	4631	4981	4981	4981	4981	4981	5721
Enrollment	4424	4471	4457	4483	4826	4800	4800	5100	5300	5500
space available	-612	-385	174	148	155	181	181	-119	-319	221

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Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

April 6, 2016

Approach 5: Open a New Elementary School and Pair It With Ashburton Elementary School

- Reopen a closed school or open a new school in the cluster and pair it with Ashburton Elementary School
- New school would serve Grades pre-K-2 and Ashburton Elementary School would serve Grades 3-5
- Remove Ashburton Elementary School addition from Capital Improvements Program because current facility could accommodate Grades 3-5 program
- Reassign students from Garrett Park Elementary School to the paired schools

Program Considerations

- Creates a set of paired schools with a primary school and upper grade school
- Transportation considerations with a paired school

SCHOOLS	PROJECTED ENROLLMENT *									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035	2040	2045 **
Ashburton										
<i>Program Capacity</i>	652	652	652	652	713					
Enrollment	926	917	895	890	640					
<i>space available</i>	-274	-265	-243	-238	73					
					<i>Reor- ganize</i>					
New School										
<i>Program Capacity</i>					736					
Enrollment					684					
<i>space available</i>					52					
					<i>Reor- ganize</i>					
Farmland										
<i>Program Capacity</i>	729	729	729	729	729					
Enrollment	762	755	744	747	745					
<i>space available</i>	-33	-26	-15	-18	-16					
Garrett Park										
<i>Program Capacity</i>	752	752	752	752	752					
Enrollment	874	902	904	902	442					
<i>space available</i>	-122	-150	-152	-150	310					
					<i>Reassign students</i>					
Kensington-Parkwood										
<i>Program Capacity</i>	472	746	746	746	746					
Enrollment	672	685	688	706	715					
<i>space available</i>	-200	61	58	40	31					
Luxmanor										
<i>Program Capacity</i>	429	429	745	745	745					
Enrollment	457	472	500	512	542					
<i>space available</i>	-28	-43	245	233	203					
			<i>Rev/Ex Comp. Jan. 2020</i>							
Wyngate										
<i>Program Capacity</i>	778	778	778	778	778					
Enrollment	733	740	726	726	745					
<i>space available</i>	45	38	52	52	33					
Total Elementary Schools										
<i>Program Capacity</i>	3812	4086	4402	4402	5199	5199	5199	5199	5199	5199
Enrollment	4424	4471	4457	4483	4513	4800	4800	5100	5300	5500
<i>space available</i>	-612	-385	-55	-81	686	399	399	99	-101	-301

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Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

May 4, 2016

Approach 6: Reorganize Schools for Grades K–4 Elementary Schools, Grades 5–8 Middle Schools

- Reorganize elementary schools for Grades K–4 and middle schools for Grades 5–8, reopen Woodward as a Grades 5–8 school beginning in 2021–2022 school year.
- Reduce size of Ashburton Elementary School addition from 881 to 740 students.
- Build addition at North Bethesda Middle School with a capacity for 1229 students
- Design capacity of Tilden Middle School revitalization/expansion project for 1200 students
- Boundary reassgments would be required at the middle school

Program Considerations

- All elementary school and middle schools are built to MCPS preferred range of enrollment
- Grade reorganization impacts current elementary and middle instructional models and staffing allocations
- Core instruction for Grade 5 students would continue as elementary school model

SCHOOLS	PROJECTED ENROLLMENT *									
	2017–18	2018–19	2019–20	2020–21	2021–22	2025	2030	2035	2040	2045 **
Ashburton										
<i>Program Capacity</i>	652	652	740	740	740					
Enrollment	926	917	895	890	886					
<i>space available</i>	-274	-265	-155	-150	-146					
			<i>Addition opens</i>							
Farmland										
<i>Program Capacity</i>	729	729	729	729	729					
Enrollment	762	755	744	747	745					
<i>space available</i>	-33	-26	-15	-18	-16					
Garrett Park										
<i>Program Capacity</i>	752	752	752	752	752					
Enrollment	874	902	904	902	880					
<i>space available</i>	-122	-150	-152	-150	-128					
Kensington-Parkwood										
<i>Program Capacity</i>	472	746	746	746	746					
Enrollment	672	685	688	706	715					
<i>space available</i>	-200	61	58	40	31					
		<i>Addition opens</i>								
Luxmanor										
<i>Program Capacity</i>	429	429	745	745	745					
Enrollment	457	472	500	512	542					
<i>space available</i>	-28	-43	245	233	203					
			<i>Rev/Ex Comp. Jan. 2020</i>							
Wyngate										
<i>Program Capacity</i>	778	778	778	778	778					
Enrollment	733	740	726	726	745					
<i>space available</i>	45	38	52	52	33					
Total Elementary Schools										
<i>Program Capacity</i>	3812	4086	4490	4490	4490	4490	4490	4490	4490	4490
Enrollment	4000	4000	4250	4420	4585	4000	4000	4250	4420	4585
<i>space available</i>	-612	-385	33	-83	4490	490	490	240	70	-95
						<i>Reorganize</i>				

SCHOOLS	PROJECTED ENROLLMENT *									
	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	2035	2040	2045 **
North Bethesda MS										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1229	1229
Enrollment	1183	1200	1206	1194	1181	1133	1057	1140	1182	1207
space available	-319	29	23	35	48	96	172	89	47	22
		<i>Addition opens</i>				<i>Reorganize</i>				
Tilden MS										
Program Capacity	939	939	939	1200	1200	1200	1200	1200	1200	1200
Enrollment	959	992	1024	1094	1132	1133	1057	1140	1182	1207
space available	-20	-53	-85	106	68	67	143	60	18	-7
				<i>Rev/Ex Comp.</i>		<i>Reorganize</i>				
Woodward MS										
Program Capacity						1200	1200	1200	1200	1200
Enrollment						1133	1057	1140	1182	1207
space available						67	143	60	18	-7
						<i>Reopen 2022</i>				
Walter Johnson HS										
Program Capacity	2335	2335	2335	3000	3000	3000	3000	3000	3600	3600
Enrollment	2356	2466	2649	2763	2865	3000	3100	3200	3350	3500
space available	-21	-131	-314	237	135	0	-100	-200	250	100
	<i>Begin Planning</i>			<i>Proposed Addition</i>					<i>Proposed Addition</i>	

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Walter Johnson Cluster Roundtable Discussion Group

Elementary School Approaches to Address Space Deficits at

Walter Johnson Cluster Elementary Schools

May 4, 2016

Short-Term Elementary School Solutions

1. Reassign students to Luxmanor Elementary School after the revitalization/expansion project is complete. Consider reassignment of students from one or more schools where the enrollment exceeds capacity to Luxmanor Elementary School after the revitalization/expansion project is complete.
2. Create a grade level annex at a closed school for Ashburton Elementary School. Consider moving a grade level (such as Kindergarten or Grade 5) temporarily from Ashburton to another facility (such as a closed school or commercial building) until permanent space can be constructed.