



**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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	3000	3000	3000	3000	3000	3600	3600
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>3000</b>	<b>3100</b>	<b>3200</b>	<b>3350</b>	<b>3500</b>
<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>	
<b>North Bethesda MS</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
<b>Tilden MS</b>										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>	-21	-131	-314	-428	-530	835	785	735	660	585
<b>Woodward HS</b>										
Program Capacity						1750	1750	1750	1750	1750
<b>Enrollment</b>						<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>						250	200	150	75	0
		<i>Begin Planning</i>				<i>Reopen 2022</i>				
<b>North Bethesda MS</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
<b>Tilden MS</b>										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<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.

\*\*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 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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Current Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>3000</b>	<b>3100</b>	<b>3200</b>	<b>3350</b>	<b>3500</b>
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>				
<b>Woodward HS</b>										
Program Capacity						1750	1750	1750	1750	1750
<b>Enrollment</b>						<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
space available						250	200	150	75	0
		<i>Begin Planning</i>				<i>Reopen 2022</i>				
<b>North Bethesda MS</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
space available	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
<b>Tilden MS</b>										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
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.

\* 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 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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>2250</b>	<b>2325</b>	<b>2400</b>	<b>2510</b>	<b>2625</b>
<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>
<b>Woodward HS</b>										
Program Capacity						1850	1850	1850	1850	1850
<b>Enrollment</b>						<b>1610</b>	<b>1505</b>	<b>1670</b>	<b>1735</b>	<b>1785</b>
<i>space available</i>						240	345	180	115	65
						<i>Reopen 2022</i>				
<b>North Bethesda MS</b>										
Program Capacity	864	864	864	864	864	864	864	864	864	864
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>764</b>	<b>870</b>	<b>900</b>	<b>830</b>	<b>870</b>	<b>870</b>
<i>space available</i>	-319	-336	-342	-330	100	-6	-36	34	-6	-6
					<i>Reor- ganize</i>					
<b>Tilden MS</b>										
<i>Program Capacity</i>	939	939	939	1000	1000	1000	1000	1000	1000	1000
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>775</b>	<b>870</b>	<b>870</b>	<b>900</b>	<b>935</b>	<b>970</b>
<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.

\* 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 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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>1848</b>	<b>2010</b>	<b>2090</b>	<b>2250</b>	<b>2325</b>	<b>2400</b>	<b>2510</b>	<b>2625</b>
<i>space available</i>	-21	-131	487	325	245	85	10	-65	-175	75
			<i>Reor- ganize</i>							<i>Proposed Addition</i>
<b>Commercial Annex</b>										
Program Capacity			900	900	900	900	900	900	900	900
<b>Enrollment</b>			<b>800</b>	<b>750</b>	<b>775</b>	<b>750</b>	<b>775</b>	<b>800</b>	<b>840</b>	<b>875</b>
<i>space available</i>			100	150	125	150	125	100	60	25
<b>North Bethesda MS</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
<b>Tilden MS</b>										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<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.

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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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>1381</b>	<b>1433</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
space available	-21	-131	-314	954	903	835	785	735	660	585
<b>Split Session</b>										
<b>Enr. Per Session</b>				<b>1382</b>	<b>1433</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<b>North Bethesda MS</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
space available	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
<b>Tilden MS</b>										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
space available	-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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	3200	3200	3200	3200	3200	3200
<b>Enrollment</b>	<b>2356</b>	<b>2366</b>	<b>2449</b>	<b>2463</b>	<b>2507</b>	<b>2625</b>	<b>2710</b>	<b>2800</b>	<b>2930</b>	<b>3060</b>
<i>space available</i>	-21	-31	-114	-128	693	575	490	400	270	140
	<i>Begin Planning</i>				<i>Addition Opens</i>					
<b>Online Students</b>										
<b>Enrollment</b>		100	200	300	358	375	390	400	420	440
<b>North Bethesda MS</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
		<i>Addition opens</i>							<i>Proposed Addition</i>	
<b>Tilden MS</b>										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>1433</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>	-21	-131	-314	-428	903	835	785	735	660	585
<b>New High School</b>										
Program Capacity					1750	1750	1750	1750	1750	1750
<b>Enrollment</b>					<b>1433</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>					318	250	200	150	75	0
	<i>Begin Planning</i>				<i>Open school</i>					
<b>North Bethesda MS</b>										
Program Capacity	864	864	864	864	864	864	864	864	864	864
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
<b>Tilden MS</b>										
Program Capacity	939	939	939	939	939	939	939	939	939	939
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<i>space available</i>	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
				<i>Rev/Ex Comp.</i>						
<b>New Middle School</b>										
Program Capacity						1000	1000	1000	1000	1000
<b>Enrollment</b>										
<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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2866</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
space available	-21	-131	-314	-428	-531	835	785	735	660	585
<b>Woodward HS</b>										
Program Capacity						1750	1750	1750	1750	1750
<b>Enrollment</b>						<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
space available						250	200	150	75	0
	<i>Begin Planning</i>					<i>Opens 2022</i>				
<b>North Bethesda MS</b>										
Program Capacity	864	864	864	864	864	864	864	864	864	864
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
space available	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
<b>Tilden MS</b>										
Program Capacity	939	939	939	939	939	939	939	939	939	939
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
space available	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
				<i>Rev/Ex Comp.</i>						
<b>Woodward MS</b>										
Program Capacity						1000	1000	1000	1000	1000
<b>Enrollment</b>						<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**
<b>Walter Johnson HS</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>2250</b>	<b>2325</b>	<b>2400</b>	<b>2510</b>	<b>2625</b>
<i>space available</i>	-21	-131	-314	-428	-530	85	10	-65	-175	75
						<i>Reor- ganize</i>				<i>Proposed Addition</i>
<b>Woodward MS</b>										
Program Capacity						1200	1200	1200	1200	1200
<b>Enrollment</b>						<b>1115</b>	<b>995</b>	<b>1135</b>	<b>1175</b>	<b>1200</b>
<i>space available</i>						85	205	65	25	0
						<i>Reopen 2022</i>				
<b>North Bethesda MS</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1229	1229
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1115</b>	<b>1060</b>	<b>1100</b>	<b>1150</b>	<b>1160</b>
<i>space available</i>	-319	29	23	35	48	114	169	129	79	69
		<i>Addition Opens</i>				<i>Reor- ganize</i>				
<b>Tilden MS</b>										
<i>Program Capacity</i>	939	939	939	1200	1200	1200	1200	1200	1200	1200
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1115</b>	<b>1125</b>	<b>1165</b>	<b>1215</b>	<b>1260</b>
<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**
<b>Current Enrollment/Projections</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>3000</b>	<b>3100</b>	<b>3200</b>	<b>3350</b>	<b>3500</b>
<i>space available</i>	-21	-131	-314	-428	-530	-665	-765	-865	-1015	-1165
<b>Approach #1</b>										
Program Capacity	2335	2335	2335	3000	3000	3000	3000	3000	3600	3600
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>3000</b>	<b>3100</b>	<b>3200</b>	<b>3350</b>	<b>3500</b>
<i>space available</i>	-21	-131	-314	237	135	0	-100	-200	250	100
<b>Approach #2</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>	-21	-131	-314	-428	-530	835	785	735	660	585
<b>Approach #3</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>	-21	-131	-314	-428	-530	835	785	735	660	585
<b>Approach #4</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>2250</b>	<b>2325</b>	<b>2400</b>	<b>2510</b>	<b>2625</b>
<i>space available</i>	-21	-131	-314	-428	-530	85	10	-65	-175	75
<b>Approach #5</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>1848</b>	<b>2010</b>	<b>2090</b>	<b>2250</b>	<b>2325</b>	<b>2400</b>	<b>2510</b>	<b>2625</b>
<i>space available</i>	-21	-131	487	325	245	85	10	-65	-175	75
<b>Approach #6</b>										
<i>Program Capacity</i>	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>1381</b>	<b>1433</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>	-21	-131	-314	954	903	835	785	735	660	585
<b>Approach #7</b>										
Program Capacity	2335	2335	2335	2335	3200	3200	3200	3200	3200	3200
<b>Enrollment</b>	<b>2356</b>	<b>2366</b>	<b>2449</b>	<b>2463</b>	<b>2507</b>	<b>2625</b>	<b>2710</b>	<b>2800</b>	<b>2930</b>	<b>3060</b>
<i>space available</i>	-21	-31	-114	-128	693	575	490	400	270	140
<b>Approach #8</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>1433</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>	-21	-131	-314	-428	903	835	785	735	660	585
<b>Approach #9</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>1433</b>	<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>	-21	-131	-314	-428	903	835	785	735	660	585
<b>Approach #10</b>										
Program Capacity	2335	2335	2335	2335	2335	2335	2335	2335	2335	2700
<b>Enrollment</b>	<b>2356</b>	<b>2466</b>	<b>2649</b>	<b>2763</b>	<b>2865</b>	<b>2250</b>	<b>2325</b>	<b>2400</b>	<b>2510</b>	<b>2625</b>
<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**
<b>Approach #2</b>										
Program Capacity						1750	1750	1750	1750	1750
<b>Enrollment</b>						<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>						250	200	150	75	0
<b>Approach #3</b>										
Program Capacity						1750	1750	1750	1750	1750
<b>Enrollment</b>						<b>1500</b>	<b>1550</b>	<b>1600</b>	<b>1675</b>	<b>1750</b>
<i>space available</i>						250	200	150	75	0
<b>Approach #4</b>										
Program Capacity						1850	1850	1850	1850	1850
<b>Enrollment</b>						<b>1610</b>	<b>1505</b>	<b>1670</b>	<b>1735</b>	<b>1785</b>
<i>space available</i>						240	345	180	115	65
<b>Approach #9 (High School)</b>										
Program Capacity						1750	1750	1750	1750	1750
<b>Enrollment</b>						<b>250</b>	<b>200</b>	<b>150</b>	<b>75</b>	<b>0</b>
<i>space available</i>						835	785	735	660	585
<b>Approach #9 (Middle School)</b>										
Program Capacity						1000	1000	1000	1000	1000
<b>Enrollment</b>						<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>
<i>space available</i>						1000	1000	1000	1000	1000
<b>Approach #10 (Middle School Grades 6-9)</b>										
Program Capacity						1200	1200	1200	1200	1200
<b>Enrollment</b>						<b>1115</b>	<b>995</b>	<b>1135</b>	<b>1175</b>	<b>1200</b>
<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**
<b>Approaches #1, 2, 3, 5, 6, and 7</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1350	1350
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	29	23	35	48	-71	29	-21	50	50
<b>Approach #4</b>										
Program Capacity	864	864	864	864	864	864	864	864	864	864
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>764</b>	<b>870</b>	<b>900</b>	<b>830</b>	<b>870</b>	<b>870</b>
<i>space available</i>	-319	-336	-342	-330	100	-6	-36	34	-6	-6
<b>Approach #8</b>										
Program Capacity	864	864	864	864	864	864	864	864	864	864
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
<b>Approach #9</b>										
Program Capacity	864	864	864	864	864	864	864	864	864	864
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1300</b>	<b>1200</b>	<b>1250</b>	<b>1300</b>	<b>1300</b>
<i>space available</i>	-319	-336	-342	-330	-317	-436	-336	-386	-436	-436
<b>Approach #10</b>										
Program Capacity	864	1229	1229	1229	1229	1229	1229	1229	1229	1229
<b>Enrollment</b>	<b>1183</b>	<b>1200</b>	<b>1206</b>	<b>1194</b>	<b>1181</b>	<b>1115</b>	<b>1060</b>	<b>1100</b>	<b>1150</b>	<b>1160</b>
<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**
<b>Approaches #1, 2, 3, 5, 6, and 7</b>										
Program Capacity	939	939	939	1200	1200	1200	1200	1500	1500	1500
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<i>space available</i>	-20	-53	-85	106	68	-100	-100	150	100	50
<b>Approach #4</b>										
<i>Program Capacity</i>	939	939	939	1000	1000	1000	1000	1000	1000	1000
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>775</b>	<b>870</b>	<b>870</b>	<b>900</b>	<b>935</b>	<b>970</b>
<i>space available</i>	-20	-53	-85	-94	225	130	130	100	65	30
<b>Approach #8</b>										
Program Capacity	939	939	939	939	939	939	939	939	939	939
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<i>space available</i>	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
<b>Approach #9</b>										
Program Capacity	939	939	939	939	939	939	939	939	939	939
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1300</b>	<b>1300</b>	<b>1350</b>	<b>1400</b>	<b>1450</b>
<i>space available</i>	-20	-53	-85	-155	-193	-361	-361	-411	-461	-511
<b>Approach #10</b>										
<i>Program Capacity</i>	939	939	939	1200	1200	1200	1200	1200	1200	1200
<b>Enrollment</b>	<b>959</b>	<b>992</b>	<b>1024</b>	<b>1094</b>	<b>1132</b>	<b>1115</b>	<b>1125</b>	<b>1165</b>	<b>1215</b>	<b>1260</b>
<i>space available</i>	-20	-53	-85	106	68	185	175	185	185	190