

REVISED

MEMORANDUM TO: Mayor and City Council
Planning Commission

VIA: Tony Tomasello, City Manager

FROM: John Schlichting, Director of Planning and Code
Administration

DATE: July 1, 2016

SUBJECT: Revised impacts from the adopted FY 2017 Educational
Facilities Master Plan and the FY 2017-2022 MCPS Capital
Improvements Program (CIP)

Staff provided a memo at the June 27, 2016 Mayor and City Council meeting regarding the impact of the Superintendent's Recommended Capital Improvement Program (CIP) from Montgomery County Public Schools (MCPS) on development within the City, which must comply with the City's Adequate Public Facilities Ordinance (APFO). MCPS has since published its final FY 2017 Educational Facilities Master Plan (EFMP), which is based on the adopted County Council and Board of Education budgets. The EFMP includes minor changes from the previous memo, such as revised enrollment figures for school years 2015-2016 and 2016-2017. In addition, the EFMP shows revised capacity for Gaithersburg ES and Dufief ES, reflecting the revised timing of capital improvements at those schools, based on the adopted budgets.

Attached for your review are the most current relevant materials for the following high school clusters in which City of Gaithersburg residents attend:

- Gaithersburg
- Colonel Zadok Magruder
- Northwest
- Quince Orchard
- Watkins Mill
- Thomas S. Wootton

Pursuant to the Adequate Public Facilities Ordinance (Chapter 24, Article XV) adopted on January 2, 2007 and amended on October 19, 2009; April 16, 2012; and October 12, 2015; school capacity exists to support residential development at *all* locations within the City of Gaithersburg. For the schools listed below, enrollment exceeds capacity by 105 percent or more and a Gaithersburg Montgomery County School Facilities Payment Fee is required. Note that Gaithersburg ES no longer requires the Facilities Payment Fee, as its capacity has been increased to reflect the proposed addition to be completed in August 2020.

FY 2017 Educational Facilities Master Plan and the FY 2017-2022 MCPS CIP

High School Cluster	Schools Exceeding 105% capacity in SY 2020-2021	Exceeded 105% capacity in FY 2016 CIP, SY 2019-2020
Gaithersburg	Forest Oak MS (105.7%)	No (102.4%)
	Rosemont ES (133.0%)	Yes (133.9%)
	Strawberry Knoll ES (133.9%)	Yes (131.3%)
	Summit Hall ES (144.8%)	Yes (140.1%)
Northwest	Northwest HS (117.1%) <i>(Estimated at 98.6% following a boundary study and reassignment to the new Seneca Valley High School, opening in 2019)</i>	Yes (110.3%)
Quince Orchard	Quince Orchard HS (109.0%)	Yes (108.3%)
	Fields Road ES (108.4%)	Yes (125.5%)
	Rachel Carson ES (149.6%)	Yes (148.1%)
	Thurgood Marshall ES (123.0%)	Yes (124.2%)
Watkins Mill	Neelsville MS (115.2%)	Yes (122.8%)
	South Lake ES (108.4%)	Yes (119.4%)

Note: In the Gaithersburg Cluster, Gaithersburg ES exceeded 105% (117.6%) capacity, and in the Magruder Cluster, Judith A. Resnik ES exceeded 105% (118.7%) capacity in the FY 2016 and Amended 2015-2020 CIP, for SY 2019-2020.

A revised map has been provided that illustrates those portions of the city under moratorium and the areas that require the Gaithersburg Montgomery County Schools Facilities Payment Fee pursuant to the 2015 text amendment to § 24-246 of the Zoning Ordinance. In accordance with the § 24-246 amendment, the capacity of affected schools is analyzed in the fifth year of the capacity projections, SY (school year) 2020-2021. Those areas where projected enrollment exceeds 150% of program capacity during the review period are under strict moratorium and new preliminary development plans cannot be approved in these areas. For the FY 17 CIP, no areas of the City are under strict moratorium, but two high schools, two middle schools, and seven elementary schools exceed 105% of program capacity and require the Schools Facilities Payment Fee, which represents 36.7% of the 30 schools that serve Gaithersburg residents and approximately 73.8% of the City's land area. Approximately 26.2% of the City's land area satisfies the requirements of the APFO Capacity Requirements and Schools Facilities Payment Fee, with schools under 105% of capacity.

Changes of Note from the Previous Year's Memo

Gaithersburg Elementary School, within the Gaithersburg Cluster, previously had an enrollment projection of 128.5% capacity for SY 2020-2021 in the FY 2017 Superintendent's Recommended CIP. The adopted Educational Facilities Master Plan includes a proposed addition to Gaithersburg ES that will bring the school's capacity to a total of 1000 students by August 2020, reducing the utilization to 98.8%. In last year's FY 2016 Capital Budget and Amended 2015-2020 CIP, Gaithersburg ES had an enrollment projection of 117.6% for SY 2019-2020.

Judith A. Resnik Elementary School, within the Magruder Cluster, previously had an enrollment projection of 118.7% capacity for SY 2019-2020 in last year's FY 2016 Capital Budget and Amended 2015-2020 CIP. For this year's FY 2017 CIP, Resnik's enrollment projection has fallen to 88.8% capacity, due to the scheduled completion of a classroom addition to the school for SY 2020-2021.

Olde Towne, Fairgrounds, and Frederick Avenue

The Fairgrounds is served by Summit Hall Elementary School, which is nearing the 150% moratorium limit, with a projected 144.8% capacity for SY 2020-2021. As part of a scheduled 2024 completion of a revitalization/expansion of the school, MCPS has recommended funding in FY 17 for facility planning to determine the feasibility, scope, and cost of the project. While relocatable classrooms will be utilized until additional capacity can be added, MCPS plans to replace the existing relocatables with newer units in the summer of 2016.

Three of the schools serving Olde Towne and Frederick Avenue, Rosemont Elementary School, South Lake Elementary School, and Neelsville Middle School, have high rates of utilization, at 133.0%, 108.4%, and 115.2% respectively. Staff will continue to monitor these schools for possible impacts to development proposals. The adopted MCPS CIP, currently unpublished, will include a building addition for Gaithersburg Elementary School to be completed in 2020, which will reduce its capacity from the 128.5% shown in the Superintendent's Recommended CIP to 99.0%. Following publication of the adopted MCPS CIP, Gaithersburg ES will be removed from the list of schools requiring the Schools Facilities Payment Fee.

MCPS completed a capacity study in 2015 for the entire Gaithersburg Cluster and, due to continued residential growth at Crown and Shady Grove Metro, recommended conducting a larger utilization and capacity study to evaluate the Gaithersburg, Magruder, and Wootton clusters. The Tri-cluster Study was completed in spring 2016 and recommended an addition to Gaithersburg ES and a reassignment of the portion of the County's Shady Grove Sector Plan within the Gaithersburg Cluster to the Magruder Cluster schools. The Board of Education adopted both Study recommendations.

The County Council approved the funding for the Gaithersburg ES addition, scheduled for completion by August 2020. The Gaithersburg ES addition will be large enough to effectively create two separate elementary schools, one for Pre-K through Grade 2 and one for Grades 3 through 5, but the option of maintaining the school as a PreK-5 school will also be explored as the addition is planned.

In fall 2016, the Board of Education is expected to authorize the recommended boundary study to reassign the County's Shady Grove Sector Plan area from the Gaithersburg Cluster to Magruder Cluster schools. The boundary study would then be conducted in spring 2017 for adoption by the Board of Education in fall 2017, followed by implementation in August 2018.

Other Information of Note

While Northwest High School is at 117.1% of capacity for SY 2020-2021, its overutilization will be relieved through a future boundary study and reassignment to Seneca Valley High School, which has been funded for a larger capacity of 2,400 students during its revitalization/expansion project. Because the Seneca Valley project is scheduled for completion by August 2019, the actual enrollment at Northwest High School for SY 2020-2021 is expected to be lower, at approximately 98.6% capacity, since the boundary change and reassignment will have already been completed.

Rachel Carson Elementary School is projected to be at 149.6% capacity utilization. Kindergarten enrollment at Rachel Carson has been relatively stable from 2006 to 2011, at about 130 to 140 students. However, in 2012 enrollment spiked up to 175 kindergarten students. To address the overcrowding at Carson, the Board of Education has approved the Superintendent's recommendation to create additional capacity at Dufief Elementary during its reconstruction, which is tentatively scheduled for a 2022 completion date (following a revised FACT assessment). As part of a future boundary study, approximately 300-350 students will be reassigned from the Rachel Carson ES service area to the Dufief ES service area.

Please contact me directly if you have any questions at 301-258-6330 or contact GIS Planner Eby at keby@gaitersburgmd.gov.

KE
Attachments

cc: Planning Commission
Planning Staff

APFO Schools Test - 5 year evaluation:

Exceeds APFO Fee or Capacity Allowance By:

105% (Fee Required) 150%+ (Moratorium)

Nearing 150% Capacity Allowance:

140-150%

Number of Schools Serving Gaithersburg: 16 ES 8 MS 6 HS 30 total
 Number of Schools Serving MEL & Gaithersburg: 21 ES 10 MS 6 HS 37 total

	Actual	Projected							
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2025	2030
Gaithersburg Cluster									
Gaithersburg HS									
Program Capacity	2407	2407	2407	2407	2407	2407	2407	2407	2407
Enrollment	2320	2380	2421	2450	2451	2508	2591	2700	2600
	96.4%	98.9%	100.6%	101.8%	101.8%	104.20%	107.64%	112.17%	108.02%
Forest Oak MS									
Program Capacity	949	949	949	949	949	949	949	949	949
Enrollment	805	786	831	869	947	1003	1041	1100	1000
	84.8%	82.8%	87.6%	91.6%	99.8%	105.7%	109.7%	115.9%	105.4%
Gaithersburg MS									
Program Capacity	949	949	949	949	949	949	949	949	949
Enrollment	746	781	807	839	890	938	1000	1100	1000
	78.6%	82.3%	85.0%	88.4%	93.8%	98.8%	105.4%	115.9%	105.4%
Gaithersburg ES									
Program Capacity	771	771	771	771	771	1000	1000		
Enrollment	867	924	968	993	1005	991	970		
	112.5%	119.8%	125.6%	128.8%	130.4%	99.1%	97.0%		
Rosemont ES									
Program Capacity	613	613	613	613	613	613	613		
Enrollment	596	623	665	712	764	815	863		
	97.2%	101.6%	108.5%	116.2%	124.6%	133.0%	140.8%		
Strawberry Knoll ES									
Program Capacity	481	481	481	481	481	481	481		
Enrollment	632	657	642	642	640	644	625		
	131.4%	136.6%	133.5%	133.5%	133.1%	133.9%	129.9%		
Summit Hall ES									
Program Capacity	466	466	466	466	466	466	466		
Enrollment	670	690	686	694	676	675	657		
	143.8%	148.1%	147.2%	148.9%	145.1%	144.8%	141.0%		
Washington Grove ES									
Program Capacity	623	623	623	623	623	623	623		
Enrollment	452	471	497	525	553	591	632		
	72.6%	75.6%	79.8%	84.3%	88.8%	94.9%	101.4%		
Magruder Cluster									
Magruder HS									
Program Capacity	1955	1955	1955	1955	1955	1955	1955	1955	1955
Enrollment	1520	1542	1570	1560	1592	1577	1622	1650	1600
	77.7%	78.9%	80.3%	79.8%	81.4%	80.7%	83.0%	84.4%	81.8%
Redland MS									
Program Capacity	757	757	757	757	757	757	757	757	757
Enrollment	549	543	539	593	638	633	628	700	650
	72.5%	71.7%	71.2%	78.3%	84.3%	83.6%	83.0%	92.5%	85.9%
Judith A. Resnik ES									
Program Capacity	493	493	493	493	493	717	701		
Enrollment	642	654	647	645	626	637	627		
	130.2%	132.7%	131.2%	130.8%	127.0%	88.8%	89.4%		

	Actual	Projected							
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2025	2030
Northwest Cluster									
<i>Northwest HS</i>									
Program Capacity	2241	2241	2241	2241	2241	2241	2241	2241	2241
Enrollment	2255	2347	2448	2537	2558	2624	2618	2800	2700
	100.6%	104.7%	109.2%	113.2%	114.1%	117.1%	116.8%	124.9%	120.5%
Lakelands Park MS									
Program Capacity	1138	1138	1138	1138	1138	1138	1138	1138	1138
Enrollment	1051	1076	1073	1101	1131	1156	1131	1250	1200
	92.4%	94.6%	94.3%	96.7%	99.4%	101.6%	99.4%	109.8%	105.4%
Diamond ES									
Program Capacity	463	463	463	670	670	670	670		
Enrollment	661	671	687	680	661	672	657		
	142.8%	144.9%	148.4%	101.5%	98.7%	100.3%	98.1%		
Quince Orchard Cluster									
<i>Quince Orchard HS</i>									
Program Capacity	1857	1857	1857	1857	1857	1857	1857	1857	1857
Enrollment	1924	1938	1959	1997	2028	2024	2050	2200	2100
	103.6%	104.4%	105.5%	107.5%	109.2%	109.0%	110.4%	118.5%	113.1%
Lakelands Park MS									
Program Capacity	1138	1138	1138	1138	1138	1138	1138	1138	1138
Enrollment	1051	1076	1073	1101	1131	1156	1131	1250	1200
	92.4%	94.6%	94.3%	96.7%	99.4%	101.6%	99.4%	109.8%	105.4%
Ridgeview MS									
Program Capacity	979	963	963	963	963	963	963	963	963
Enrollment	746	739	705	713	756	760	763	850	800
	76.2%	76.7%	73.2%	74.0%	78.5%	78.9%	79.2%	88.3%	83.1%
Brown Station ES									
Program Capacity	446	446	709	709	709	709	709		
Enrollment	501	513	510	515	539	552	581		
	112.3%	115.0%	71.9%	72.6%	76.0%	77.9%	81.9%		
<i>Fields Road ES</i>									
Program Capacity	429	429	429	429	429	429	429		
Enrollment	469	472	484	475	460	465	479		
	109.3%	110.0%	112.8%	110.7%	107.2%	108.4%	111.7%		
Jones Lane ES									
Program Capacity	441	441	441	441	441	441	441		
Enrollment	466	460	462	458	459	459	445		
	105.7%	104.3%	104.8%	103.9%	104.1%	104.1%	100.9%		
<i>Rachel Carson ES</i>									
Program Capacity	667	667	667	667	667	667	667		
Enrollment	1045	1072	1066	1035	1018	998	990		
	156.7%	160.7%	159.8%	155.2%	152.6%	149.6%	148.4%		
<i>Thurgood Marshall ES</i>									
Program Capacity	535	535	535	535	535	535	535		
Enrollment	674	676	670	680	657	658	653		
	126.0%	126.4%	125.2%	127.1%	122.8%	123.0%	122.1%		
Watkins Mill Cluster									
<i>Watkins Mill HS</i>									
Program Capacity	1942	1942	1942	1942	1942	1942	1942	1942	1942
Enrollment	1541	1606	1685	1705	1734	1800	1845	2000	1900
	79.4%	82.7%	86.8%	87.8%	89.3%	92.7%	95.0%	103.0%	97.8%
Montgomery Village MS									
Program Capacity	894	894	894	894	894	894	894	894	894
Enrollment	717	735	748	762	786	762	758	850	800
	80.2%	82.2%	83.7%	85.2%	87.9%	85.2%	84.8%	95.1%	89.5%
<i>Neelsville MS</i>									
Program Capacity	922	922	922	922	922	922	922	922	922
Enrollment	921	879	912	980	1056	1062	1053	1050	1000
	99.9%	95.3%	98.9%	106.3%	114.5%	115.2%	114.2%	113.9%	108.5%
<i>South Lake ES</i>									
Program Capacity	716	716	716	716	716	716	716		
Enrollment	818	822	835	826	796	776	770		
	114.2%	114.8%	116.6%	115.4%	111.2%	108.4%	107.5%		
Watkins Mill ES									
Program Capacity	720	720	720	720	720	720	720		
Enrollment	677	686	661	660	659	661	662		
	94.0%	95.3%	91.8%	91.7%	91.5%	91.8%	91.9%		

	Actual	Projected							
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2025	2030
Thomas S. Wootton Cluster									
Thomas S. Wootton HS									
Program Capacity	2167	2167	2167	2167	2167	2167	2420	2420	2420
Enrollment	2212	2229	2243	2255	2232	2209	2237	2400	2300
	102.1%	102.9%	103.5%	104.1%	103.0%	101.9%	92.4%	99.2%	95.0%
Robert Frost MS									
Program Capacity	1084	1084	1084	1084	1084	1084	1084	1084	1084
Enrollment	1116	1095	1081	1068	1023	967	874	950	900
	103.0%	101.0%	99.7%	98.5%	94.4%	89.2%	80.6%	87.6%	83.0%
Dufief ES									
Program Capacity	416	416	416	416	416	416	416		
Enrollment	313	312	301	304	305	316	330		
	75.2%	75.0%	72.4%	73.1%	73.3%	76.0%	79.3%		
Fallsmead ES									
Program Capacity	598	598	598	598	598	598	598		
Enrollment	541	519	516	493	488	490	489		
	90.5%	86.8%	86.3%	82.4%	81.6%	81.9%	81.8%		

APFO Schools Test - 5 year evaluation (Maximum Expansion Limits):

	Actual	Projected							
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2025	2030
Magruder Cluster									
Shady Grove MS									
Program Capacity	859	859	859	859	859	859	859	859	859
Enrollment	568	574	572	575	544	556	552	600	550
	66.1%	66.8%	66.6%	66.9%	63.3%	64.7%	64.3%	69.8%	64.0%
Candlewood ES									
Program Capacity	532	515	498	498	498	498	498		
Enrollment	359	352	357	349	352	353	351		
	67.5%	68.3%	71.7%	70.1%	70.7%	70.9%	70.5%		
Flower Hill ES									
Program Capacity	483	483	483	483	483	483	483		
Enrollment	499	489	465	461	462	456	450		
	103.3%	101.2%	96.3%	95.4%	95.7%	94.4%	93.2%		
Watkins Mill Cluster									
Whetstone ES									
Program Capacity	783	783	783	783	783	783	783		
Enrollment	798	803	785	763	754	751	740		
	101.9%	102.6%	100.3%	97.4%	96.3%	95.9%	94.5%		
Thomas S. Wootton Cluster									
Cabin John MS									
Program Capacity	1113	1113	1113	1113	1113	1113	1113	1113	1113
Enrollment	941	942	1000	1004	1015	978	948	1050	1000
	84.5%	84.6%	89.8%	90.2%	91.2%	87.9%	85.2%	94.3%	89.8%
Lakewood ES									
Program Capacity	556	556	556	556	556	556	556		
Enrollment	543	528	491	464	452	449	459		
	97.7%	95.0%	88.3%	83.5%	81.3%	80.8%	82.6%		
Stone Mill ES									
Program Capacity	654	654	654	654	654	654	654		
Enrollment	650	643	610	591	581	585	589		
	99.4%	98.3%	93.3%	90.4%	88.8%	89.4%	90.1%		

Office of the Superintendent of Schools
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

November 16, 2015

MEMORANDUM

To: Members of the Board of Education

From: Larry A. Bowers, Interim Superintendent of Schools 

Subject: Rachel Carson Elementary School Overutilization

Rachel Carson Elementary School has faced space deficits for many years and is projected to exceed capacity by more than 300 students for the next six years. On November 17, 2014, the Board of Education authorized several studies to explore options to add capacity and address the overutilization of Rachel Carson Elementary School. Feasibility studies at Fields Road and Jones Lane elementary schools were conducted to determine if the capacity of these schools could be increased in order to relieve the overutilization at Rachel Carson Elementary School; the feasibility study for the revitalization/expansion project at DuFief Elementary School included options to increase the capacity to relieve the overutilization of Rachel Carson Elementary School. Last, an evaluation to construct a new elementary school in the Quince Orchard Cluster was considered.

WHEREAS, Enrollment levels at Rachel Carson Elementary School have resulted in space deficits for many years, and the school is projected to exceed capacity by more than 300 students for the next six years; and

WHEREAS, Feasibility studies were conducted during the 2014–2015 school year at DuFief, Fields Road, and Jones Lane elementary schools, as well as consideration of a new school in the Quince Orchard Cluster, to relieve the overutilization of Rachel Carson Elementary School in the future; and

WHEREAS, The current and projected enrollment at DuFief Elementary School falls below the desired range of enrollment of 450 students; and

WHEREAS, The interim superintendent of schools reviewed and carefully considered the possible options, costs of the possible options, the impact of new residential development, and input from the community on the possible options to relieve the overutilization of Rachel Carson Elementary School; and

WHEREAS, On October 15, 2015, the interim superintendent of schools submitted a recommendation to the Board of Education to increase the capacity of the DuFief Elementary School revitalization/expansion project to 740-student capacity in order to relieve the overutilization of Rachel Carson Elementary School; and

WHEREAS, On November 5, 2015, the Board of Education conducted a work session to consider the interim superintendent's recommendation to increase the capacity of the DuFief Elementary School revitalization/expansion project to 740-student capacity to relieve the overutilization of Rachel Carson Elementary School; and

WHEREAS, The Board of Education conducted public hearings on November 9 and 12, 2015, in accordance with Board of Education Policy FAA, *Long-range Educational Facilities Planning*, and Montgomery County Public Schools Regulation FAA-RA, *Long-range Educational Facilities Planning*, on the interim superintendent's recommendation; now therefore be it

Resolved, That the capacity of the DuFief Elementary School revitalization/expansion project be increased to 740 students to relieve the overutilization of Rachel Carson Elementary School; and be it further

Resolved, That, as part of the Fiscal Year 2017–2022 Capital Improvements Program, the budget for the DuFief Elementary School revitalization/expansion project be increased to include the additional capacity needed to relieve the overutilization of Rachel Carson Elementary School; and be it further

Resolved, That the reassignment of students from Rachel Carson Elementary School to DuFief Elementary School be timed to occur when the DuFief Elementary School revitalization/expansion project is completed and follow the community involvement process, as outlined in Montgomery County Public Schools Regulation FAA-RA, *Long-range Educational Facilities Planning*.

LAB:AMZ:JS:bmr

DISCUSSION/ACTION

Office of the Superintendent of Schools
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

April 19, 2016

MEMORANDUM

To: Members of the Board of Education

From: Larry A. Bowers, Interim Superintendent of Schools *Larry A. Bowers*

Subject: Interim Superintendent's Recommendation Concerning the Tri-cluster Roundtable Discussion Group for the Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton Clusters

On November 16, 2015, the Board of Education authorized a Tri-cluster Roundtable Discussion Group (Roundtable) process to include representatives of the Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton clusters. The purpose of the Roundtable was to explore approaches to address overutilization at Gaithersburg Cluster elementary schools through an evaluation of all three clusters.

WHEREAS, In January 2016, the interim superintendent of schools convened a Tri-cluster Roundtable Discussion Group, including representatives of the Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton clusters, to explore approaches to address overutilization in Gaithersburg Cluster elementary schools; and

WHEREAS, The Tri-cluster Roundtable Discussion Group met from January through February 2016 and submitted a report to the interim superintendent of schools on March 4, 2016, with member evaluations of the seven approaches that had been identified; and

WHEREAS, The interim superintendent of schools reviewed and carefully considered the report of the Tri-cluster Roundtable Discussion Group and feedback from the community at-large and on March 11, 2016, submitted a recommendation to the Board of Education to address overutilization of Gaithersburg Cluster elementary schools; and

WHEREAS; On March 21, 2016, the Board of Education conducted a work session to consider the interim superintendent of school's recommendation for the Tri-cluster Roundtable Discussion Group and adopted an alternative for consideration that would build an addition at Gaithersburg Elementary School and maintain a Pre-K-5 school; and

WHEREAS, The Board of Education conducted a public hearing on April 12, 2016, in accordance with Board of Education Policy FAA, *Long-range Educational Facilities Planning*, and Montgomery County Public Schools Regulation FAA-RA, *Long-range Educational Facilities Planning*, on the interim superintendent of school's recommendation; now therefore be it

Resolved, That a feasibility study for an addition at Gaithersburg Elementary School be conducted beginning in July 2016 to include an option to construct an addition for a Pre-K–5 school, and an option to construct an addition and create two schools in one adjoining building—Grades Pre-K–2 in one part of the facility, and Grades 3–5 in the other part of the facility—with physical separation where possible; and be it further

Resolved, That the Gaithersburg Elementary School addition be completed in August 2020; and be it further

Resolved, The six older relocatable classrooms at Summit Hall Elementary School be evaluated for replacement with newer relocatable classrooms, or modular classrooms, by fall 2017; and be it further

Resolved, That the portion of the Shady Grove Sector Plan that is located east of Interstate 370 and in the Washington Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School service areas be reassigned to Col. Zadok Magruder Cluster schools with a boundary study to be conducted in spring 2017, Board of Education action in fall 2017, and reassignments beginning fall 2018.

LAB:AMZ:JS:bmr

Gaithersburg Cluster

 Elementary School

 Middle School

 High School

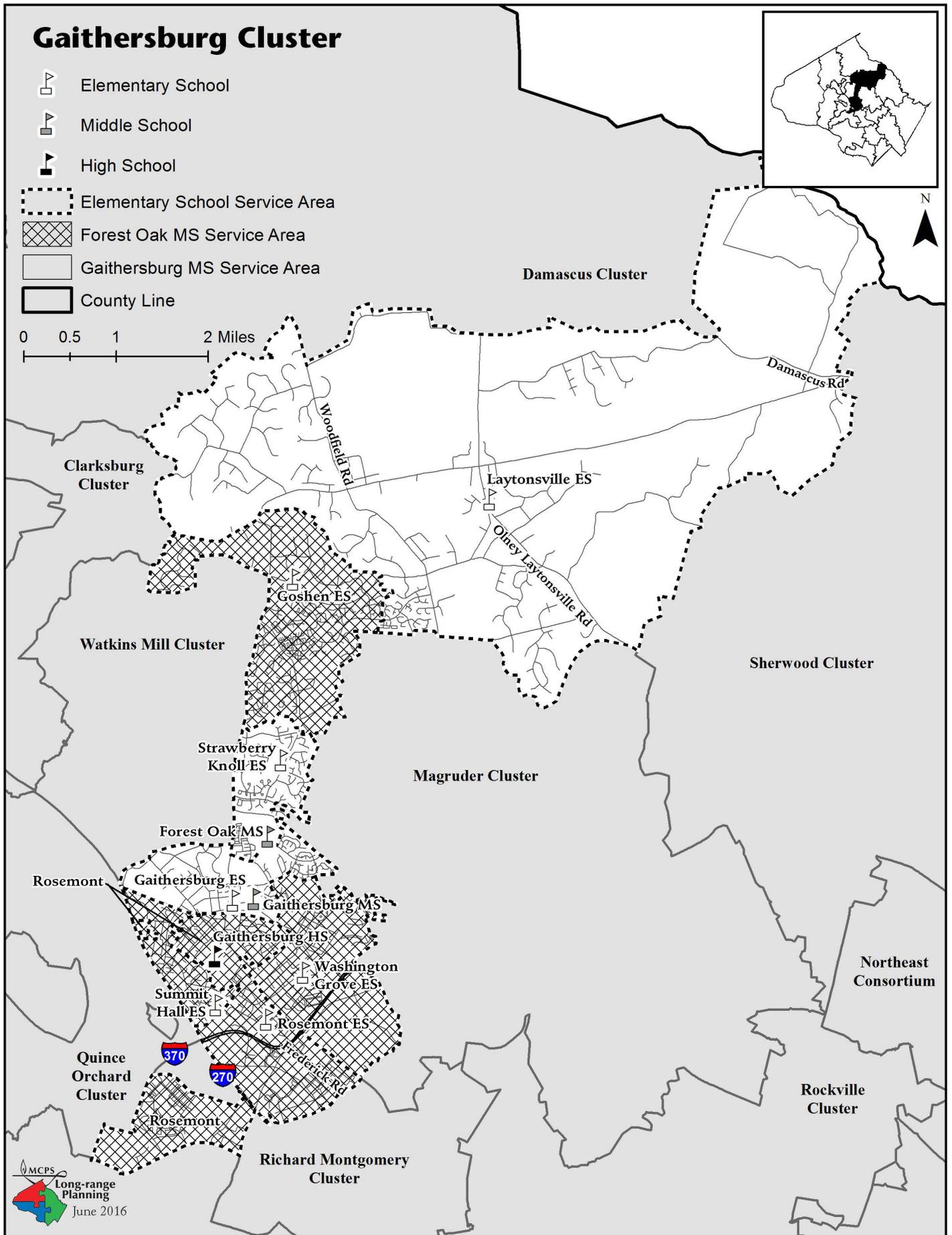
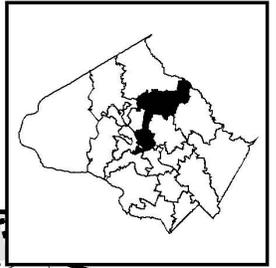
 Elementary School Service Area

 Forest Oak MS Service Area

 Gaithersburg MS Service Area

 County Line

0 0.5 1 2 Miles

CLUSTER PLANNING ISSUES

Since 2007, elementary school enrollment in the Gaithersburg Cluster has increased by 600 students. Some of this growth is due to new housing in planned for in the Shady Grove Sector Plan. In addition, development of the Crown community, with 1,500 residential units planned in the Rosemont Elementary School service area, is moving forward. A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Planning Study: A boundary study will be conducted in spring 2017 to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Washington Grove Elementary Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School service areas to the Col. Zadok Magruder Cluster schools. Board of Education action will occur in fall 2017 with implementation scheduled for fall 2018.

SCHOOLS

Gaithersburg High School

Planning Study: A boundary study will be conducted in spring 2017 to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Washington Grove Elementary Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School service areas to the Col. Zadok Magruder Cluster schools. Board of Education action will occur in fall 2017 with implementation scheduled for fall 2018.

Forest Oak Middle School

Planning Study: A boundary study will be conducted in spring 2017 to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Washington Grove Elementary Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School service areas to the Col. Zadok Magruder Cluster schools. Board of Education action will occur in fall 2017 with implementation scheduled for fall 2018.

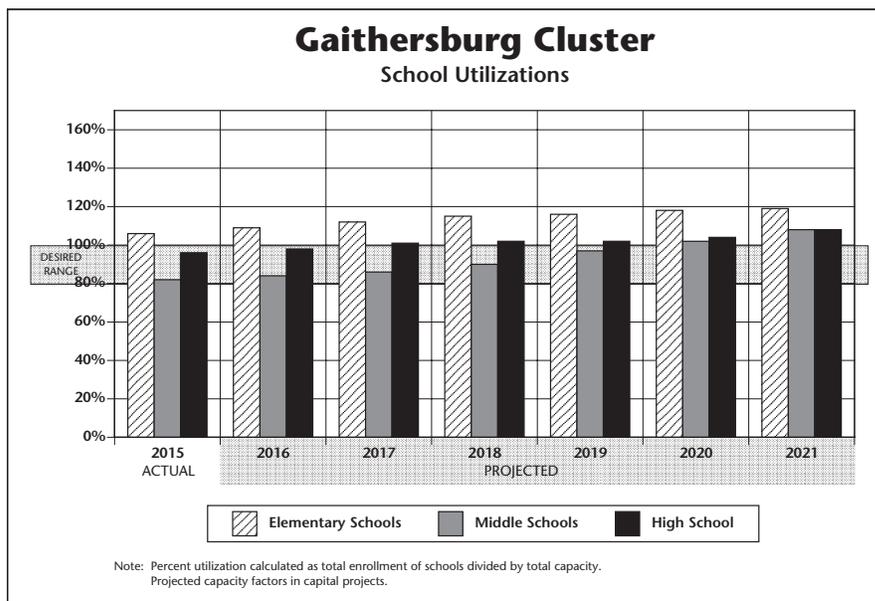
Gaithersburg Elementary School

Planning Study: A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Capital Project: An FY 2017 appropriation is approved for planning begin the architectural design for an addition project at this school. Prior to the design, a feasibility study will be conducted for addition to begin in July 2016 to include an option to construct an addition for Pre-K–5 school, and an option to construction an addition and create two schools in one adjoining building—Grades Pre-K–2 in one part of the facility, and Grades 3-5 in the other part of the facility—with physical separation where possible. The schedule completion date for the addition is August 2020. In order for this project to be completed on schedule, county and state funding must be provided at the levels approved in this CIP.

Goshen Elementary School

Planning Study: A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and



facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Laytonsville Elementary School

Planning Study: A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Rosemont Elementary School

Planning Study: A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Strawberry Knoll Elementary School

Planning Study: A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Summit Hall Elementary School

Planning Study: A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Capital Project: The Board of Education action directed staff to evaluate the older relocatable classrooms at Summit Hall Elementary School for replacement with newer relocatable classrooms, or modular classrooms, by fall 2017.

Capital Project: The Board of Education requested funds to complete a revitalization/expansion project for this school with a completion date of January 2023. However, the approved FY 2017–2022 CIP reflects a one year delay beginning with elementary school revitalization/expansion projects that have planning funds in FY 2018 and beyond. Therefore, the approved completion date for this project is January 2024. However, based on the Montgomery County Council Office of Legislative Oversight (OLO) study released in July 2015 regarding the revitalization/expansion program and the Facility Assessment with Criteria and Testing (FACT) methodology used to rank the schools, and the work of the FACT Review Committee this school will be reassessed using the revised FACT methodology. Pending the outcome of the reassessment, the queue for the revitalization/expansion projects may change. (For more information see Appendix F.)

An FY 2017 appropriation is approved for facility planning for a feasibility study to determine the scope and cost of the project. In order for this project to be completed on this schedule, the outcome of the FACT reassessment must maintain this project on the present queue position and county and state funding must be provided at the levels approved in this CIP.

Washington Grove Elementary School

Planning Study: A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the

Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Planning Study: A boundary study will be conducted in spring 2017 to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Washington Grove Elementary Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School service areas to the Col. Zadok Magruder Cluster schools. Board of Education action will occur in fall 2017 with implementation scheduled for fall 2018.

CAPITAL PROJECTS

School	Project	Project Status*	Date of Completion
Gaithersburg ES	Classroom addition	Approved	Aug. 2020
Strawberry Knoll ES	Classroom addition	Deferred	TBD
Summit Hall ES	Classroom addition	Deferred	TBD
	Revitalization/expansion	Programmed	Jan. 2024 (delayed)

*“Approved”—Project has an FY 2016 appropriation approved in the Amended FY 2015–2020 CIP or FY 2017 appropriation approved in the FY 2017 Capital Budget.

*“Deferred”—Funds have been deferred for a future CIP.

*“Programmed”—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*“Proposed”—Project has facility planning funds recommended for FY 2017 for a feasibility study.

GAITHERSBURG CLUSTER

Projected Enrollment and Space Availability
Effects of the Adopted FY2017–2022 CIP and Non-CIP Actions on Space Available

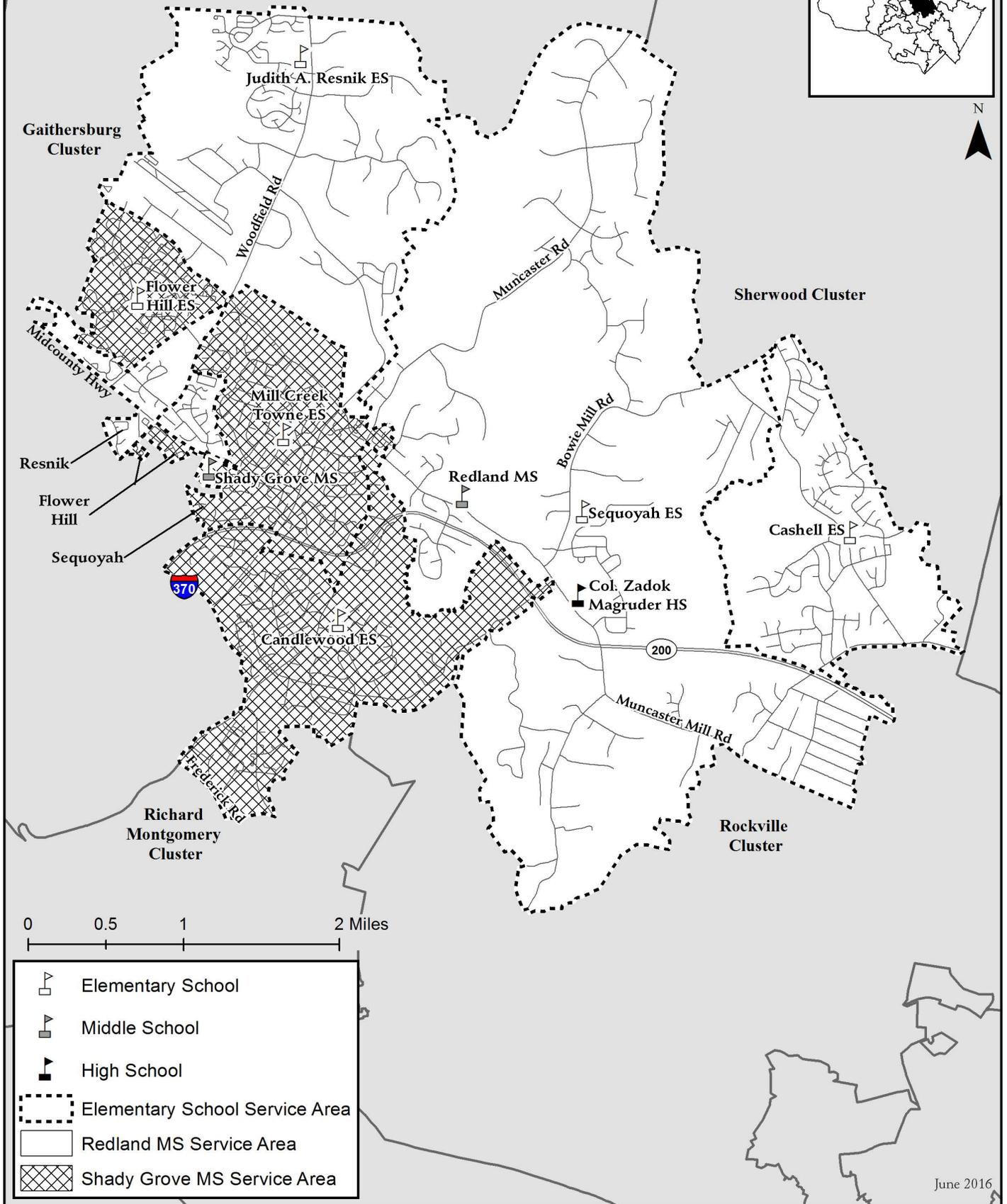
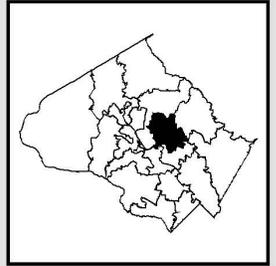
Schools		Actual 15–16	Projections							
			16–17	17–18	18–19	19–20	20–21	21–22	2025	2030
Gaithersburg HS	Program Capacity	2407	2407	2407	2407	2407	2407	2407	2407	2407
	Enrollment	2320	2380	2421	2450	2451	2508	2591	2700	2600
	Available Space	87	27	(14)	(43)	(44)	(101)	(184)	(293)	(193)
	Comments		See text							
Forest Oak MS	Program Capacity	949	949	949	949	949	949	949	949	949
	Enrollment	805	786	831	869	947	1003	1041	1100	1000
	Available Space	144	163	118	80	2	(54)	(92)	(151)	(51)
	Comments		See text							
Gaithersburg MS	Program Capacity	949	949	949	949	949	949	949	949	949
	Enrollment	746	781	807	839	890	938	1000	1100	1000
	Available Space	203	168	142	110	59	11	(51)	(151)	(51)
	Comments									
Gaithersburg ES	Program Capacity	771	771	771	771	771	1000	1000		
	Enrollment	867	924	968	993	1005	991	970		
	Available Space	(96)	(153)	(197)	(222)	(234)	9	30		
	Comments	See text	Planning for Addition				Addition Complete			
Goshen ES	Program Capacity	538	538	538	538	538	538	538		
	Enrollment	581	561	552	546	533	517	528		
	Available Space	(43)	(23)	(14)	(8)	5	21	10		
	Comments	See text								
Laytonsville ES	Program Capacity	448	448	448	448	448	448	448		
	Enrollment	416	411	408	405	407	411	410		
	Available Space	32	37	40	43	41	37	38		
	Comments	See text								
Rosemont ES	Program Capacity	613	613	613	613	613	613	613		
	Enrollment	596	623	665	712	764	815	863		
	Available Space	17	(10)	(52)	(99)	(151)	(202)	(250)		
	Comments	See text								
Strawberry Knoll ES	Program Capacity	481	481	481	481	481	481	481		
	Enrollment	632	657	642	642	640	644	625		
	Available Space	(151)	(176)	(161)	(161)	(159)	(163)	(144)		
	Comments	See text								
Summit Hall ES	Program Capacity	466	466	466	466	466	466	466		
	Enrollment	670	690	686	694	676	675	657		
	Available Space	(204)	(224)	(220)	(228)	(210)	(209)	(191)		
	Comments	See text	Facility Planning for Rev/Ex			Planning for Revitalization/Expansion				
Washington Grove ES	Program Capacity	623	623	623	623	623	623	623		
	Enrollment	452	471	497	525	553	591	632		
	Available Space	171	152	126	98	70	32	(9)		
	Comments	See text								
Cluster Information	HS Utilization	96%	99%	101%	102%	102%	104%	108%	112%	108%
	HS Enrollment	2320	2380	2421	2450	2451	2508	2591	2700	2600
	MS Utilization	82%	83%	86%	90%	97%	102%	108%	116%	105%
	MS Enrollment	1551	1567	1638	1708	1837	1941	2041	2200	2000
	ES Utilization	107%	110%	112%	115%	116%	111%	112%	113%	113%
ES Enrollment	4214	4337	4418	4517	4578	4644	4685	4700	4700	

GAITHERSBURG CLUSTER

Facility Characteristics of Schools 2015–2016

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable Classrooms	County Programs	Home School Model
Gaithersburg HS	1951	2013	427,048	41.07	Yes		SBWC	
Forest Oak MS	1999		132,259	41.2			LTL	
Gaithersburg MS	1960	1988	157,694	22.82			LTL	
Gaithersburg ES	1947		94,468	9.22		7	SBHC	Yes
Goshen ES	1988		76,740	10.5		5		Yes
Laytonsville ES	1951	1989	64,160	10.4		1		Yes
Rosemont ES	1965	1995	88,764	8.9		2	SBHC	Yes
Strawberry Knoll ES	1988		78,723	10.8	Yes	6		Yes
Summit Hall ES	1971		68,059	10.2	Yes	10	SBHC	Yes
Washington Grove ES	1956	1984	86,266	10.7			SBHC	Yes

Col. Zadok Magruder Cluster



	Elementary School
	Middle School
	High School
	Elementary School Service Area
	Redland MS Service Area
	Shady Grove MS Service Area

June 2016

CLUSTER PLANNING ISSUES

Since 2007, elementary school enrollment in the Gaithersburg Cluster has increased by 600 students. Some of this growth is due to new housing in planned for in the Shady Grove Sector Plan. In addition, development of the Crown community, with 1,500 residential units planned in the Rosemont Elementary School service area, is moving forward. A comprehensive capacity study was conducted during the 2014–2015 school year for the Gaithersburg Cluster to address enrollment growth in this area. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

Planning Study: A boundary study will be conducted in spring 2017 to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Washington Grove Elementary Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School service areas to the Col. Zadok Magruder Cluster schools. Board of Education action will occur in fall 2017 with implementation scheduled for fall 2018.

SCHOOLS

Judith A. Resnik Elementary School

Capital Project: Projections indicate enrollment at Judith A. Resnik Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. A classroom addition project is scheduled for this school with a completion date of August 2020. An FY 2017 appropriation for planning funds is approved to begin the architectural design for the classroom addition. Relocatable classrooms will be utilized until additional capacity can be provided. In order for this project to be completed on schedule, county and state funding must be provided at the levels approved in this CIP.

CAPITAL PROJECTS

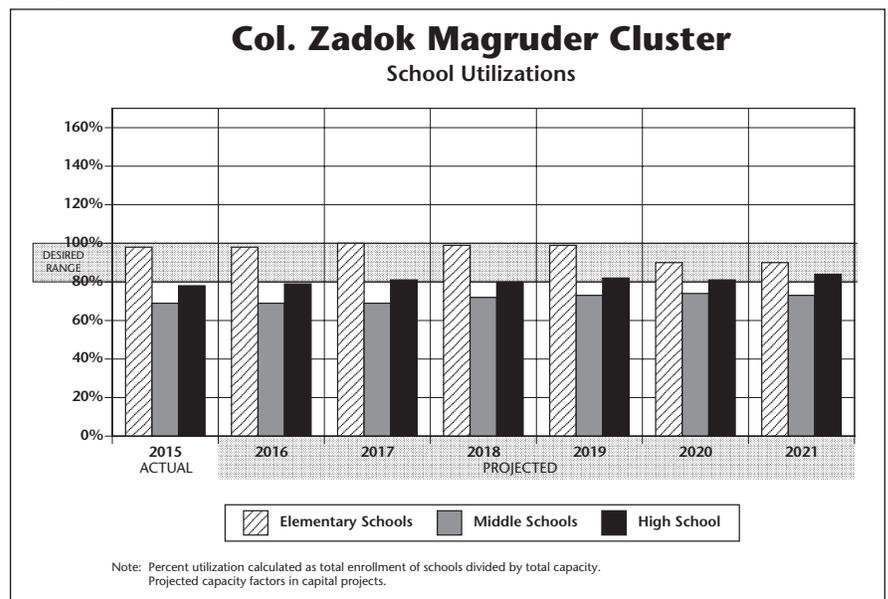
School	Project	Project Status*	Date of Completion
Judith A. Resnik ES	Classroom addition	Recommended	Aug. 2020

*Approved—Project has an FY 2016 appropriation approved in the Amended FY 2015–2020 CIP or FY 2017 appropriation approved in the FY 2017 Capital Budget.

*Deferred—Funds have been deferred for a future CIP.

*Programmed—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*Proposed—Project has facility planning funds recommended for FY 2017 for a feasibility study.



COL. ZADOK MAGRUDER CLUSTER

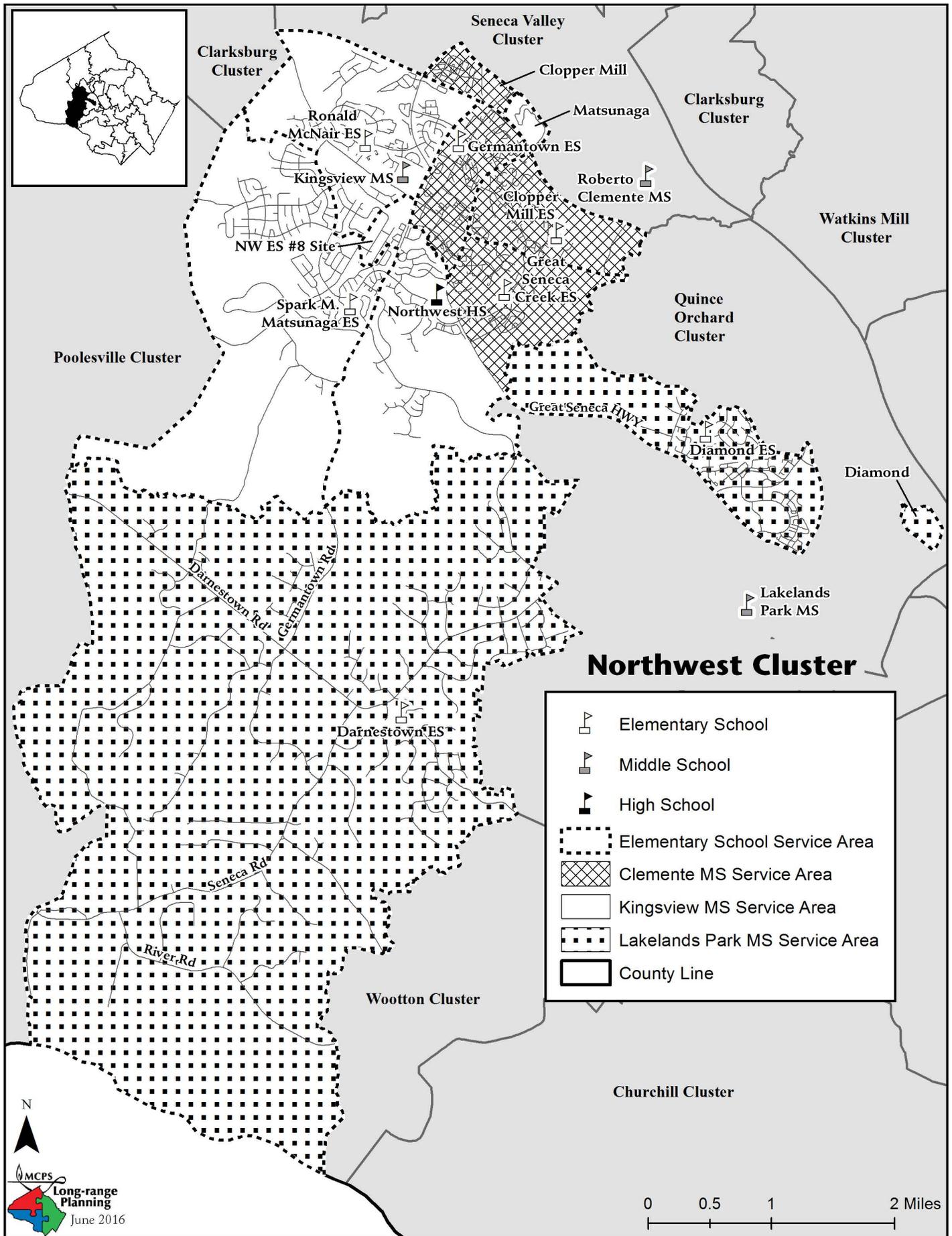
Projected Enrollment and Space Availability
Effects of the Adopted FY2017–2022 CIP and Non-CIP Actions on Space Available

Schools			Actual 15–16	Projections							
				16–17	17–18	18–19	19–20	20–21	21–22	2025	2030
Col. Zadok Magruder HS	Program Capacity		1955	1955	1955	1955	1955	1955	1955	1955	1955
	Enrollment		1520	1542	1570	1560	1592	1577	1622	1650	1600
	Available Space		435	413	385	395	363	378	333	305	355
	Comments			See cluster text							
Redland MS	Program Capacity		757	757	757	757	757	757	757	757	757
	Enrollment		549	543	539	593	638	633	628	700	650
	Available Space		208	214	218	164	118	124	128	57	107
	Comments			See cluster text							
Shady Grove MS	Program Capacity		859	859	859	859	859	859	859	859	859
	Enrollment		568	574	572	575	544	556	552	600	550
	Available Space		290	284	286	284	314	302	306	259	309
	Comments			See cluster text							
Candlewood ES	Program Capacity		532	515	498	498	498	498	498		
	Enrollment		359	352	357	349	352	353	351		
	Available Space		173	163	141	149	146	145	147		
	Comments			+1 EXT See cluster text	+1 EXT						
Cashell ES	Program Capacity		340	340	340	340	340	340	340		
	Enrollment		372	371	379	375	363	364	358		
	Available Space		(32)	(31)	(39)	(35)	(23)	(24)	(18)		
	Comments			See cluster text							
Flower Hill ES	Program Capacity	CSR	483	483	483	483	483	483	483		
	Enrollment		499	489	465	461	462	456	450		
	Available Space		(16)	(6)	18	22	21	27	33		
	Comments			See cluster text							
Mill Creek Towne ES	Program Capacity	CSR	336	336	336	336	336	336	336		
	Enrollment		379	381	373	367	365	358	359		
	Available Space		(43)	(45)	(37)	(31)	(29)	(22)	(23)		
	Comments			See cluster text							
Judith A. Resnik ES	Program Capacity	CSR	493	493	493	493	493	717	701		
	Enrollment		642	654	647	645	626	637	627		
	Available Space		(149)	(161)	(154)	(152)	(133)	80	74		
	Comments			Planning for Addition See cluster text				Addition Complete +2 PEP	+2 PEP		
Sequoyah ES	Program Capacity	CSR	485	485	485	485	485	485	485		
	Enrollment		383	394	416	421	432	443	464		
	Available Space		102	91	69	64	53	42	21		
	Comments			See cluster text							
Cluster Information	HS Utilization		78%	79%	80%	80%	81%	81%	83%	84%	82%
	HS Enrollment		1520	1542	1570	1560	1592	1577	1622	1650	1600
	MS Utilization		69%	69%	69%	72%	73%	74%	73%	80%	74%
	MS Enrollment		1117	1117	1111	1168	1182	1189	1180	1300	1200
	ES Utilization		99%	100%	100%	99%	99%	91%	92%	95%	95%
	ES Enrollment		2634	2641	2637	2618	2600	2611	2609	2700	2700

COL. ZADOK MAGRUDER CLUSTER

Facility Characteristics of Schools 2015–2016

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable Classrooms	County Programs	Home School Model
Col. Zadok Magruder HS	1970		295,478	30				
Redland MS	1971		112,297	20.64	Yes			
Shady Grove MS	1995	1999	129,206	20				
Candlewood ES	1968	2015	82,222	11.8				
Cashell ES	1969	2009	71,171	10.24		1		
Flower Hill ES	1985		58,770	10	Yes	3		
Mill Creek Towne ES	1966	2000	67,465	8.4		3		
Judith A. Resnik ES	1991		78,547	12.8		6		
Sequoyah ES	1990		72,582	10	Yes			



SCHOOLS

Northwest High School

Planning Issue: Projections indicate enrollment at Northwest High School will exceed capacity by nearly 400 students by the end of the six year CIP planning period. Enrollment also is projected to exceed capacity at Clarksburg High School by over 500 students. The Seneca Valley High School service area is adjacent to the Clarksburg and Northwest high school service areas. A revitalization/expansion project of Seneca Valley High School, scheduled for completion in August 2019, will be designed and constructed with a capacity for 2400 students. The enrollment at Seneca Valley High School is projected to be 1392 students by the end of the six-year planning period. With a capacity of 2400 seats, there will be approximately 1000 seats available to accommodate students from Clarksburg and Northwest high schools when the project is complete.

Clopper Mill Elementary School

Capital Project: Projections indicate enrollment at Clopper Mill Elementary School will exceed capacity by more than 92 seats by the end of the six-year planning period. The Northwest Cluster elementary school deficit has decreased from previous years. Therefore, the Board of Education, in the FY 2017-2022 CIP, delayed the construction funds two years to provide an opportunity to monitor the cluster deficit and explore alternatives to address the overutilization at the elementary schools in this cluster. The County Council, based on the Board of Education’s decision to monitor enrollment and evaluate alternatives to address the overutilization, changed the name of this project. As with other solution PDFs, this project includes funds for the design and construction of classroom space only. An FY 2019 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2020. Relocatable classrooms will be utilized until a solution can be determined for the Northwest Cluster elementary schools. In order for this project to be completed on schedule, county and state funding must be provided at the levels approved in this CIP.

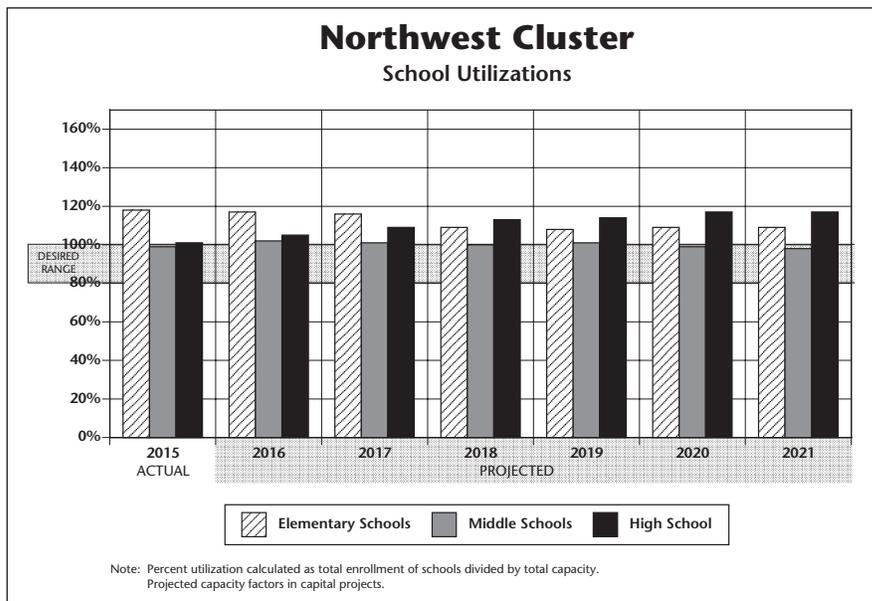
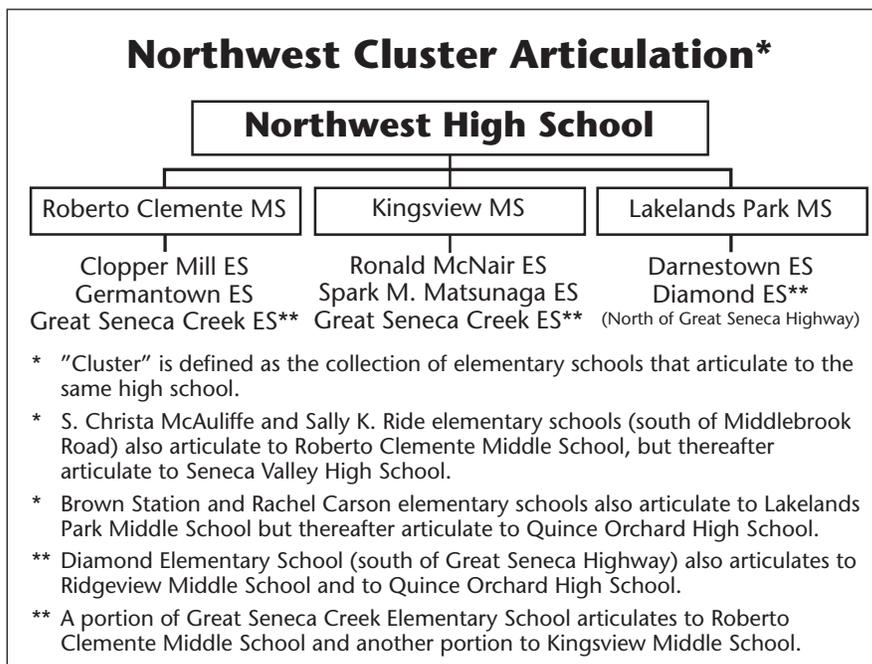
Diamond Elementary School

Capital Project: Projections indicate enrollment at Diamond Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. A classroom addition project is scheduled for this school with a completion date of August 2018. An FY 2017 appropriation is approved to construct the

classroom addition. Relocatable classrooms will be utilized until additional capacity can be added.

Spark M. Matsunaga Elementary School

Capital Project: Projections indicate enrollment at Spark M. Matsunaga Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. The Northwest Cluster elementary school deficit has decreased from previous years. Therefore, the Board of Education, in the FY 2017-2022 CIP, delayed the construction funds two years to provide an opportunity to monitor the cluster deficit and explore alternatives to address the overutilization at the elementary schools in this cluster. The County Council, based on the Board of Education’s decision to monitor enrollment and



evaluate alternatives to address the overutilization, changed the name of this project. As with other solution PDFs, this project includes funds for the design and construction of classroom space only. An FY 2019 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2020. Relocatable classrooms will be utilized until a solution can be determined for the Northwest Cluster elementary schools. In order for this project to be completed on schedule, county and state funding must be provided at the levels approved in this CIP.

Ronald McNair Elementary School

Capital Project: Projections indicate enrollment at Ronald McNair Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. The Northwest Cluster elementary school deficit has decreased from previous years. Therefore, the Board of Education, in the FY 2017-2022 CIP, delayed the construction funds two years to provide an opportunity to monitor the cluster deficit and explore alternatives to address the overutilization at the elementary schools in this cluster. The County Council, based on the Board of Education’s decision to monitor enrollment and evaluate alternatives to address the overutilization, changed the name of this project. As with other solution PDFs, this project includes funds for the design and construction of classroom space only. An FY 2019 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2020. Relocatable classrooms will be utilized until a solution can be determined for the Northwest Cluster elementary schools. In order for this project to be completed on schedule, county and state funding must be provided at the levels approved in this CIP.

Northwest Cluster Elementary School Solution

Capital Project: The Northwest Cluster elementary school deficit has decreased from previous years. Therefore, the Board of Education, in the FY 2017-2022 CIP, delayed the construction funds two years to provide an opportunity to monitor the cluster deficit and explore alternatives to address the overutilization at the elementary schools in this cluster. The County Council, based on the Board of Education’s decision to monitor enrollment and evaluate alternatives to address the overutilization, changed the name of this project. As with other solution PDFs, this project includes funds for the design and construction of classroom space only. An FY 2019 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2020. Relocatable classrooms will be utilized until a solution can be determined for the Northwest Cluster elementary schools. In order for this project to be completed on schedule, county and state funding must be provided at the levels approved in this CIP.

CAPITAL PROJECTS

School	Project	Project Status*	Date of Completion
Diamond ES	Classroom addition	Approved	Aug. 2018
Northwest Cluster ES Solution	Addition	Approved	Aug. 2020

*“Approved”—Project has an FY 2016 appropriation approved in the Amended FY 2015–2020 CIP or FY 2017 appropriation approved in the FY 2017 Capital Budget.

*“Deferred”—Funds have been deferred for a future CIP.

*“Programmed”—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*“Proposed”—Project has facility planning funds recommended for FY 2017 for a feasibility study.

NORTHWEST CLUSTER

Projected Enrollment and Space Availability Effects of the Adopted FY2017–2022 CIP and Non-CIP Actions on Space Available

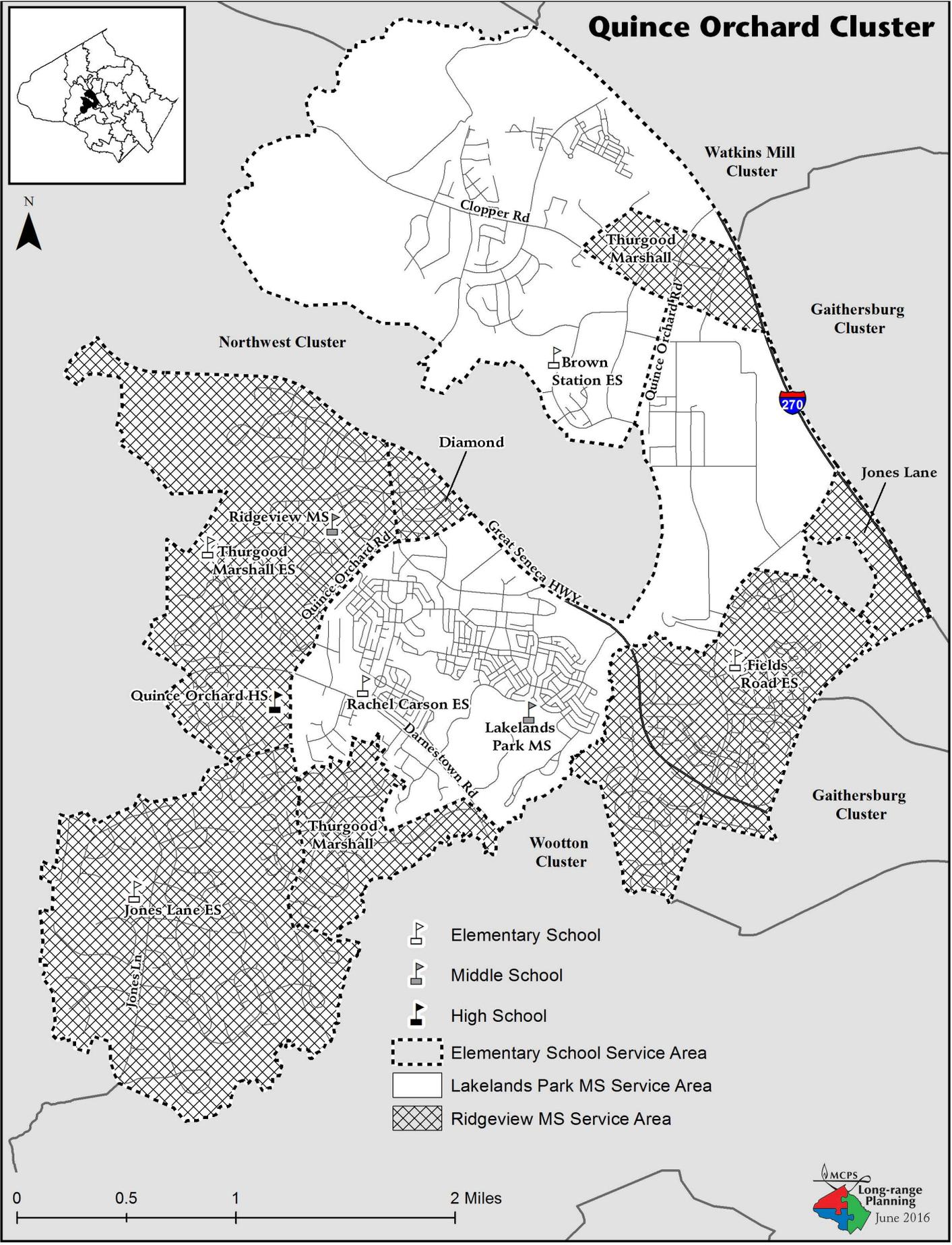
Schools		Actual 15–16	Projections								
			16–17	17–18	18–19	19–20	20–21	21–22	2025	2030	
Northwest HS	Program Capacity	2241	2241	2241	2241	2241	2241	2241	2241	2241	2241
	Enrollment	2255	2347	2448	2537	2558	2624	2618	2800	2700	
	Available Space	(14)	(106)	(207)	(296)	(317)	(383)	(377)	(559)	(459)	
	Comments	See text									
Roberto Clemente MS	Program Capacity	1231	1231	1231	1231	1231	1231	1231	1231	1231	
	Enrollment	1281	1361	1329	1286	1286	1278	1292	1300	1200	
	Available Space	(50)	(130)	(98)	(55)	(55)	(47)	(61)	(69)	31	
	Comments										
Kingsview MS	Program Capacity	1041	1041	1041	1041	1041	1041	1041	1041	1041	
	Enrollment	1027	1043	1051	1032	1018	956	917	950	900	
	Available Space	14	(2)	(10)	9	23	85	124	91	141	
	Comments										
Lakelands Park MS	Program Capacity	1138	1138	1138	1138	1138	1138	1138	1138	1138	
	Enrollment	1051	1076	1073	1101	1131	1156	1131	1250	1200	
	Available Space	87	62	65	37	7	(18)	7	(112)	(62)	
	Comments										
Clopper Mill ES	Program Capacity	437	437	437	437	437	437	437	437	437	
	Enrollment	493	513	511	510	522	522	534			
	Available Space	(56)	(76)	(74)	(73)	(85)	(85)	(97)			
	Comments	See text									
Darnestown ES	Program Capacity	471	471	471	471	471	471	471	471	471	
	Enrollment	287	276	278	288	298	304	311			
	Available Space	184	195	193	183	173	167	160			
	Comments										
Diamond ES	Program Capacity	463	463	463	670	670	670	670			
	Enrollment	661	671	687	680	661	672	657			
	Available Space	(198)	(208)	(224)	(10)	9	(2)	13			
	Comments				Addition Complete						
Germantown ES	Program Capacity	329	329	329	329	329	329	329			
	Enrollment	321	329	339	347	344	340	345			
	Available Space	8	0	(10)	(18)	(15)	(11)	(16)			
	Comments										
Great Seneca Creek ES	Program Capacity	551	551	551	551	551	551	551			
	Enrollment	700	649	625	618	611	614	617			
	Available Space	(149)	(98)	(74)	(67)	(60)	(63)	(66)			
	Comments										
Spark M. Matsunaga ES	Program Capacity	653	653	653	653	653	653	653			
	Enrollment	855	829	824	794	775	794	800			
	Available Space	(202)	(176)	(171)	(141)	(122)	(141)	(147)			
	Comments	See text									
Ronald McNair ES	Program Capacity	623	623	623	623	623	623	623			
	Enrollment	839	846	818	821	808	807	805			
	Available Space	(216)	(223)	(195)	(198)	(185)	(184)	(182)			
	Comments	See text									
Cluster Information	HS Utilization	101%	105%	109%	113%	114%	117%	117%	125%	120%	
	HS Enrollment	2255	2347	2448	2537	2558	2624	2618	2800	2700	
	MS Utilization	99%	102%	101%	100%	101%	99%	98%	103%	97%	
	MS Enrollment	3359	3480	3453	3419	3435	3390	3340	3500	3300	
	ES Utilization	118%	117%	116%	109%	108%	109%	109%	115%	115%	
ES Enrollment	4156	4113	4082	4058	4019	4053	4069	4300	4300		

NORTHWEST CLUSTER

Facility Characteristics of Schools 2015–2016

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable Classrooms	County Programs	Home School Model
Northwest HS	1998		340,867	34.6	Yes			
Roberto Clemente MS	1992		148,246	19.9				
Kingsview MS	1997		140,398	18.5	Yes			
Lakelands Park MS	2005		153,588	8.11	Yes			
Clopper Mill ES	1986		64,851	9	Yes	4		Yes
Darnestown ES	1954	1980	64,840	7.2				Yes
Diamond ES	1975		64,950	10	Yes	5		Yes
Germantown ES	1935	1978	57,668	7.8				Yes
Great Seneca Creek ES	2006		82,511	13.71		3		Yes
Spark M. Matsunaga ES	2001		90,718	11.8		15		Yes
Ronald McNair ES	1990		78,275	10	Yes	6		Yes

Quince Orchard Cluster



SCHOOLS

Brown Station Elementary School

Capital Project: Projections indicate enrollment at Brown Station Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. Relocatable classrooms will be utilized until additional capacity can be added as part of the revitalization/expansion project that is scheduled for completion in August 2017. An FY 2016 appropriation was approved to construct this project. Funding was approved in the Department of Health and Human Services Capital Budget to construct a child care classroom.

Rachel Carson Elementary School

Planning Issue: Projections indicate that enrollment at Rachel Carson Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. To address the high enrollment at Rachel Carson Elementary School, the Board of Education approved the following studies to explore additional capacity to address the overutilization at Rachel Carson Elementary School:

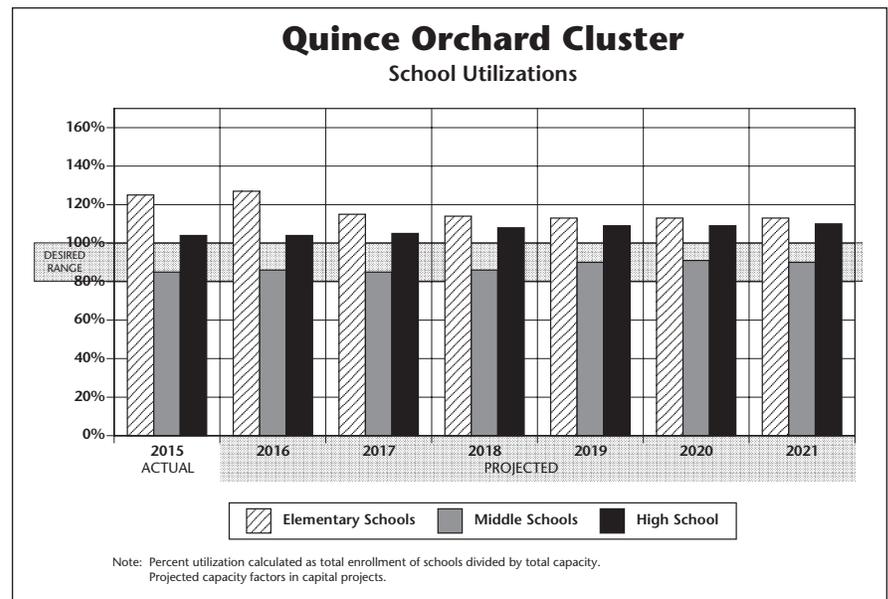
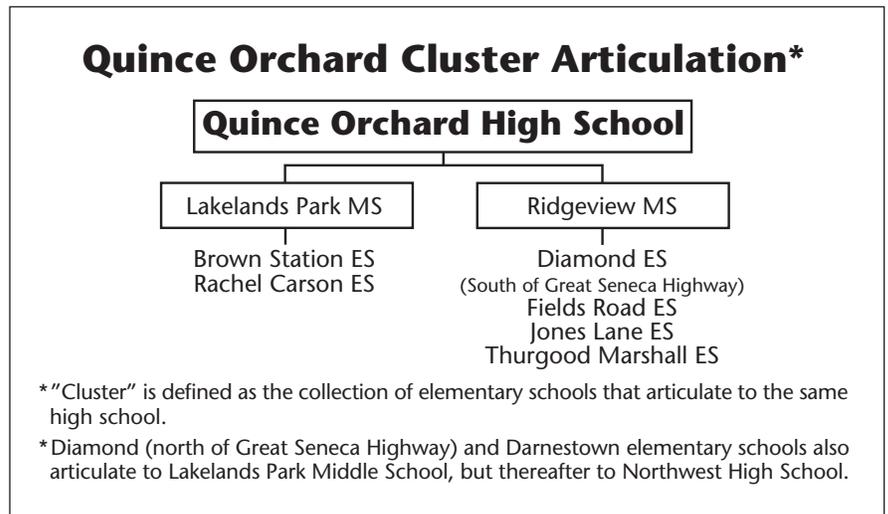
- The feasibility study that was conducted in 2007 for an addition at Jones Lane Elementary School to relieve Carson Elementary School be updated to determine if a larger addition could be constructed at Jones Lane Elementary School;
- The feasibility study that is planned for the revitalization/expansion project at DuFief Elementary School during the 2014–2015 school year include the possibility of additional capacity;
- The feasibility study that is planned for an addition at Fields Road Elementary School include the possibility of additional capacity; and
- The consideration of a new elementary school in the Quince Orchard Cluster be included in the analysis of options to relieve Rachel Carson Elementary School.

The Board of Education approved the expansion of DuFief Elementary School to accommodate the overutilization of Rachel Carson Elementary School. The Board of Education action can be found at the following link: http://gis.mcpsmd.org/cipmasterpdfs/CIP17_AdoptedRachelCarsonESOverutilization.pdf

Capital Project: The Board of Education requested funds to complete a revitalization/expansion project for DuFief Elementary School with a completion date of January 2021. However, the approved FY 2017–2022 CIP reflects a one year delay for elementary school revitalization/expansion projects beginning with

schools that have planning funds in FY 2018 and beyond. Therefore, the approved completion date for this project is January 2022. However, based on the Montgomery County Council Office of Legislative Oversight (OLO) study released in July 2015 regarding the revitalization/expansion program and the Facility Assessment with Criteria and Testing (FACT) methodology used to rank the schools, and the work of the FACT Review Committee this school will be reassessed using the revised FACT methodology. Pending the outcome of the reassessment, the queue for the revitalization/expansion projects may change. (For more information see Appendix F)

An FY 2015 appropriation was completed for facility planning for a feasibility study to determine the scope and cost of the project. In order for this project to be completed on this schedule, the outcome of the FACT Review Committee must maintain the project on the present queue position and county and state funding must be provided at the levels approved in this CIP.



Fields Road Elementary School

Capital Project: Previous projections indicated that enrollment at Fields Road Elementary School would exceed capacity by 92 seats or more by the end of the six-year planning period. Therefore, an FY 2015 appropriation was completed for facility planning to determine the feasibility, scope, and cost for a classroom addition. With the revised capacity calculation for class-size reduction schools, the enrollment projections will not exceed 92 seats or more by the end of the current six-year period. A date for the addition will be considered in a future CIP if the enrollment of the school exceeds the capacity by more than 92 seats. Relocatable classrooms will be utilized until additional capacity can be added.

Planning Issue: Projections indicate that enrollment at Rachel Carson Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. To address the high enrollment at Rachel Carson Elementary School the Board of Education approved the following studies to explore additional capacity to address the overutilization at Rachel Carson Elementary School:

- The feasibility study that was conducted in 2007 for an addition at Jones Lane Elementary School to relieve Carson Elementary School be updated to determine if a larger addition could be constructed at Jones Lane Elementary School;
- The feasibility study that is planned for the revitalization/expansion project at DuFief Elementary School during the 2014–2015 school year include the possibility of additional capacity;
- The feasibility study that is planned for an addition at Fields Road Elementary School include the possibility of additional capacity; and
- The consideration of a new elementary school in the Quince Orchard Cluster be included in the analysis of options to relieve Rachel Carson Elementary School.

The Board of Education approved the expansion of DuFief Elementary School to accommodate the overutilization of Rachel Carson Elementary School. The Board of Education action can be found at the following link: http://gis.mcpsmd.org/cipmasterpdfs/CIP17_AdoptedRachelCarsonESOverutilization.pdf

Jones Lane Elementary School

Planning Issue: Projections indicate that enrollment at Rachel Carson Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. To address the high enrollment at Rachel Carson Elementary School the Board of Education approved the following studies to explore additional capacity to address the overutilization at Rachel Carson Elementary School:

- The feasibility study that was conducted in 2007 for an addition at Jones Lane Elementary School to relieve Carson Elementary School be updated to determine if a larger addition could be constructed at Jones Lane Elementary School;

- The feasibility study that is planned for the revitalization/expansion project at DuFief Elementary School during the 2014–2015 school year include the possibility of additional capacity;
- The feasibility study that is planned for an addition at Fields Road Elementary School include the possibility of additional capacity; and
- The consideration of a new elementary school in the Quince Orchard Cluster be included in the analysis of options to relieve Rachel Carson Elementary School.

The Board of Education superintendent approved the expansion of DuFief Elementary School to accommodate the overutilization of Rachel Carson Elementary School. The Board of Education action can be found at the following link: http://gis.mcpsmd.org/cipmasterpdfs/CIP17_AdoptedRachelCarsonESOverutilization.pdf

Thurgood Marshall Elementary School

Capital Project: Projections indicate that Thurgood Marshall Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. A feasibility study was conducted in FY 2008 to determine the feasibility, cost, and scope of an addition to Thurgood Marshall Elementary School. Although revised enrollment projections indicate that enrollment at Thurgood Marshall Elementary School will exceed capacity by 118 seats by the end of the six-year planning period, due to fiscal constraints in the county, a space deficit of 125 seats was identified to fund an elementary school addition project in this CIP. Therefore, no funds were recommended in this CIP for a classroom addition. A date for the addition will be considered in a future CIP. Relocatable classrooms will be utilized to accommodate the enrollment.

CAPITAL PROJECTS

School	Project	Project Status*	Date of Completion
Brown Station ES	Revitalization/expansion	Approved	Aug. 2017
Fields Road ES	Classroom addition	Deferred	TBD
Thurgood Marshall ES	Classroom addition	Deferred	TBD

*Approved—Project has an FY 2016 appropriation approved in the Amended FY 2015–2020 CIP or FY 2017 appropriation approved in the FY 2017 Capital Budget.

*Deferred—Funds have been deferred for a future CIP.

*Programmed—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*Proposed—Project has facility planning funds recommended for FY 2017 for a feasibility study.

QUINCE ORCHARD CLUSTER

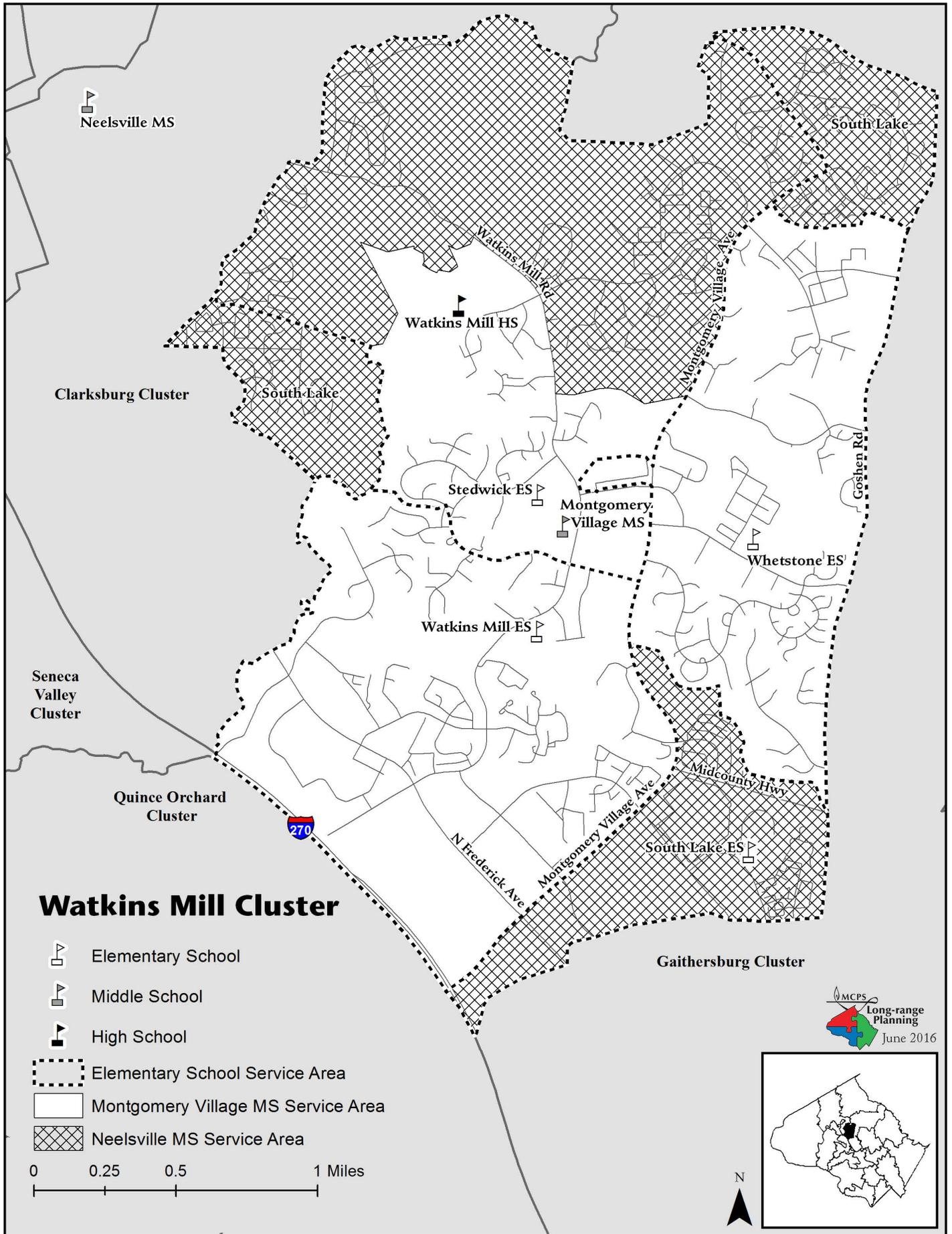
Projected Enrollment and Space Availability
Effects of the Adopted FY2017–2022 CIP and Non-CIP Actions on Space Available

Schools			Actual 15–16	Projections							
				16–17	17–18	18–19	19–20	20–21	21–22	2025	2030
Quince Orchard HS		Program Capacity	1857	1857	1857	1857	1857	1857	1857	1857	1857
		Enrollment	1924	1938	1959	1997	2028	2024	2050	2200	2100
		Available Space	(67)	(81)	(102)	(140)	(171)	(167)	(193)	(343)	(243)
		Comments									
Lakelands Park MS		Program Capacity	1138	1138	1138	1138	1138	1138	1138	1138	1138
		Enrollment	1051	1076	1073	1101	1131	1156	1131	1250	1200
		Available Space	87	62	65	37	7	(18)	7	(112)	(62)
		Comments									
Ridgeview MS		Program Capacity	979	963	963	963	963	963	963	963	963
		Enrollment	746	739	705	713	756	760	763	850	800
		Available Space	233	224	258	250	207	203	200	113	163
		Comments	+1 AUT	+1 AUT							
Brown Station ES	CSR	Program Capacity	446	446	709	709	709	709	709		
		Enrollment	501	513	510	515	539	552	581		
		Available Space	(55)	(67)	199	194	170	157	128		
		Comments		@ Emory Grove	Rev/Ex Complete						
Rachel Carson ES		Program Capacity	667	667	667	667	667	667	667		
		Enrollment	1045	1072	1066	1035	1018	998	990		
		Available Space	(378)	(405)	(399)	(368)	(351)	(331)	(323)		
		Comments	See text								
Fields Road ES	CSR	Program Capacity	429	429	429	429	429	429	429		
		Enrollment	469	472	484	475	460	465	479		
		Available Space	(40)	(43)	(55)	(46)	(31)	(36)	(50)		
		Comments									
Jones Lane ES		Program Capacity	441	441	441	441	441	441	441		
		Enrollment	466	460	462	458	459	459	445		
		Available Space	(25)	(19)	(21)	(17)	(18)	(18)	(4)		
		Comments									
Thurgood Marshall ES		Program Capacity	535	535	535	535	535	535	535		
		Enrollment	674	676	670	680	657	658	653		
		Available Space	(139)	(141)	(135)	(145)	(122)	(123)	(118)		
		Comments									
Cluster Information		HS Utilization	104%	104%	105%	108%	109%	109%	110%	118%	113%
		HS Enrollment	1924	1938	1959	1997	2028	2024	2050	2200	2100
		MS Utilization	85%	86%	85%	86%	90%	91%	90%	100%	95%
		MS Enrollment	1797	1815	1778	1814	1887	1916	1894	2100	2000
		ES Enrollment	3155	3193	3192	3163	3133	3132	3148	3300	3300

QUINCE ORCHARD CLUSTER

Facility Characteristics of Schools 2015–2016

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable Classrooms	County Programs	Home School Model
Quince Orchard HS	1988		284,912	30.1				
Lakelands Park MS	2005		153,588	8.11	Yes			
Ridgeview MS	1975		139,742	20		4		
Brown Station ES	1969		58,338	9	Yes	6		Yes
Rachel Carson ES	1990		78,547	12.4		11		Yes
Fields Road ES	1973		72,302	10		4		Yes
Jones Lane ES	1987		60,679	12.1		4		Yes
Thurgood Marshall ES	1993		77,798	12		5		Yes



SCHOOLS

Neelsville Middle School

Capital Project: Because projections previously indicated enrollment at Neelsville Middle School would exceed capacity by 150 seats or more by the end of the six-year period, an FY 2015 appropriation was completed for facility planning to determine the feasibility, scope, and cost for a classroom addition. However, the current enrollment projections indicates that the enrollment will only exceed capacity by 131 seats. Given that the space deficit does not meet the minimum threshold of 150 seats or more for consideration of an addition project, no funds were recommended in this CIP for a classroom addition. If the enrollment trends grow in the future, a date for the addition will be considered in a future CIP. Relocatable classrooms will be utilized to accommodate the enrollment.

South Lake Elementary School

Capital Project: Previous projections indicated enrollment at South Lake Elementary School would exceed capacity by 92 seats or more by the end of the six-year planning period. Therefore an FY 2014 appropriation was approved for facility planning to determine the feasibility, scope, and cost for a classroom addition. With the revised capacity calculation for class-size reduction schools, the current enrollment projections indicate that the enrollment will only exceed capacity by 54 seats by the end of the six-year planning period. Given that the space deficit does not meet the minimum threshold of 92 seats or more for consideration of an addition project, no funds were recommended in this CIP for an addition project. If the enrollment trends grow in the future, a date for the addition will be considered in a future CIP. Relocatable classrooms will be utilized until additional capacity can be added.

CAPITAL PROJECTS

School	Project	Project Status*	Date of Completion
Neelsville MS	Classroom addition	Deferred	TBD
South Lake ES	Classroom addition	Deferred	TBD
	SBHC	Deferred	TBD

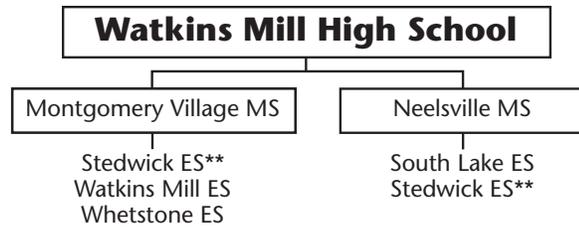
*Approved—Project has an FY 2016 appropriation approved in the Amended FY 2015–2020 CIP or FY 2017 appropriation approved in the FY 2017 Capital Budget.

*Deferred—Funds have been deferred for a future CIP.

*Programmed—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*Proposed—Project has facility planning funds recommended for FY 2017 for a feasibility study.

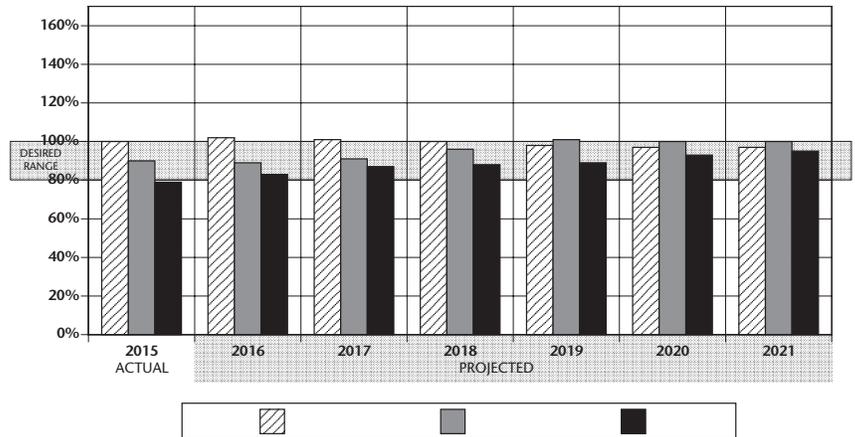
Watkins Mill Cluster Articulation*



- * "Cluster" is defined as the collection of elementary schools that articulate to the same high school.
- * Capt. James Daly Elementary School and Fox Chapel Elementary School also articulate to Neelsville Middle School but thereafter to Clarksburg High School.
- ** A portion of Stedwick Elementary School articulates to Montgomery Village Middle School, and another portion articulates to Neelsville Middle School.

Watkins Mill Cluster

School Utilizations



Note: Percent utilization calculated as total enrollment of schools divided by total capacity. Projected capacity factors in capital projects.

WATKINS MILL CLUSTER

Projected Enrollment and Space Availability
Effects of the Adopted FY2017–2022 CIP and Non-CIP Actions on Space Available

Schools			Actual 15–16	Projections							
				16–17	17–18	18–19	19–20	20–21	21–22	2025	2030
Watkins Mill HS		Program Capacity	1942	1942	1942	1942	1942	1942	1942	1942	1942
		Enrollment	1541	1606	1685	1705	1734	1800	1845	2000	1900
		Available Space	401	336	257	237	208	142	97	(58)	42
		Comments									
Montgomery Village MS		Program Capacity	894	894	894	894	894	894	894	894	894
		Enrollment	717	735	748	762	786	762	758	850	800
		Available Space	177	159	146	132	108	132	136	44	94
		Comments									
Neelsville MS		Program Capacity	922	922	922	922	922	922	922	922	922
		Enrollment	921	879	912	980	1056	1062	1053	1050	1000
		Available Space	1	43	10	(58)	(134)	(140)	(131)	(128)	(78)
		Comments									
South Lake ES	CSR	Program Capacity	716	716	716	716	716	716	716		
		Enrollment	818	822	835	826	796	776	770		
		Available Space	(102)	(106)	(119)	(110)	(80)	(60)	(54)		
		Comments									
Stedwick ES	CSR	Program Capacity	639	639	639	639	639	639	639		
		Enrollment	577	595	593	603	599	593	592		
		Available Space	62	44	46	36	40	46	47		
		Comments									
Watkins Mill ES	CSR	Program Capacity	720	720	720	720	720	720	720		
		Enrollment	677	686	661	660	659	661	662		
		Available Space	43	34	59	60	61	59	58		
		Comments									
Whetstone ES	CSR	Program Capacity	783	783	783	783	783	783	783		
		Enrollment	798	803	785	763	754	751	740		
		Available Space	(15)	(20)	(2)	20	29	32	43		
		Comments									
Cluster Information		HS Utilization	79%	83%	87%	88%	89%	93%	95%	103%	98%
		HS Enrollment	1541	1606	1685	1705	1734	1800	1845	2000	1900
		MS Utilization	90%	89%	91%	96%	101%	100%	100%	105%	99%
		MS Enrollment	1638	1614	1660	1742	1842	1824	1811	1900	1800
		ES Enrollment	2870	2906	2874	2852	2808	2781	2764	2900	2900

WATKINS MILL CLUSTER

Demographic Characteristics of Schools

Schools	2015–2016						2015–2016		2014–2015
	Total Enrollment	Two or more races %	Black or Afr. Amer. %	Asian%	Hispanic %	White %	FARMS%*	ESOL%**	Mobility Rate%***
Watkins Mill HS	1541	≤ 5.0%	31.5%	8.6%	43.4%	11.7%	50.7%	16.5%	16.9%
Montgomery Village MS	717	≤ 5.0%	30.5%	9.6%	49.4%	6.8%	66.0%	14.6%	18.7%
Neelsville MS	921	≤ 5.0%	33.1%	8.3%	46.6%	7.9%	67.0%	15.7%	15.4%
South Lake ES	818	≤ 5.0%	28.0%	6.4%	60.3%	≤ 5.0%	85.3%	50.0%	27.4%
Stedwick ES	577	6.4%	30.7%	5.2%	43.8%	13.3%	60.7%	33.6%	19.5%
Watkins Mill ES	677	≤ 5.0%	33.5%	8.3%	49.3%	≤ 5.0%	75.0%	44.3%	26.1%
Whetstone ES	798	≤ 5.0%	26.1%	8.6%	52.3%	9.3%	60.0%	40.5%	17.0%
Elementary Cluster Total	2870	≤ 5.0%	29.3%	7.2%	52.2%	7.1%	72.0%	43.4%	22.7%
Elementary County Total	75973	5.1%	21.3%	13.8%	31.3%	28.2%	40.5%	23.3%	13.9%

*Percent of students approved for Free and Reduced-priced Meals Program (FARMS) during the 2015–2016 school year.

**Percent of English for Speakers of Other Languages (ESOL) during the 2015–2016 school year. High School students are served in regional ESOL centers.

***Mobility Rate is the number of entries plus withdrawals during the 2014–2015 school year compared to total enrollment.

Notes: Native Hawaiian/Pacific Islander and American Indian/Alaskan Native categories total less than 1% and were therefore excluded from the table.

Due to federal and state guidelines, demographic characteristics of schools of less than or equal to 5.0% are reported as ≤ 5.0%.

Program Capacity Table
(School Year 2015–2016)

Schools	Grades Served	Capacity (HS @90% MS@85%)	Total Rooms	Support Rooms	Regular Secondary @25	Regular Elementary @23	CSR Grades 1–2 @18	Pre-K @20	Pre-K @40	HS @20	CSR KIND @18	KIND @22	ESOL @15	METS @15	Special Education Services																					
															School Based	Cluster Based	Quad Cluster Based				County & Regional Based															
																HSM @13	ELEM LAD @13	ELC @10	LANG @12	LFI @10	SCB @6	AAC@7	AUT @6	BRIDGE @10	DHOH @7	ED @10	EXTENSIONS @6	GT/LD @13	PD @7	PEP@6	PEP @12	PEP @18	VISION (Elementary) @7	OTHER		
Watkins Mill HS	9-12	1942	90		82								4	1						2																
Montgomery Village MS	6-8	894	46		39								2	1						2			2													
Neelsville MS	6-8	922	45		41								3	1																						
South Lake ES	HS-5	716	39	5		16	10		1	1	6																									
Stedwick ES	PreK-5	639	39	6		13	10		1		5									3																1
Watkins Mill ES	HS-5	720	42	4		16	9	1		1	5									6																
Whetstone ES	PreK-5	783	43	4		15	12		1		6									2												1	2			

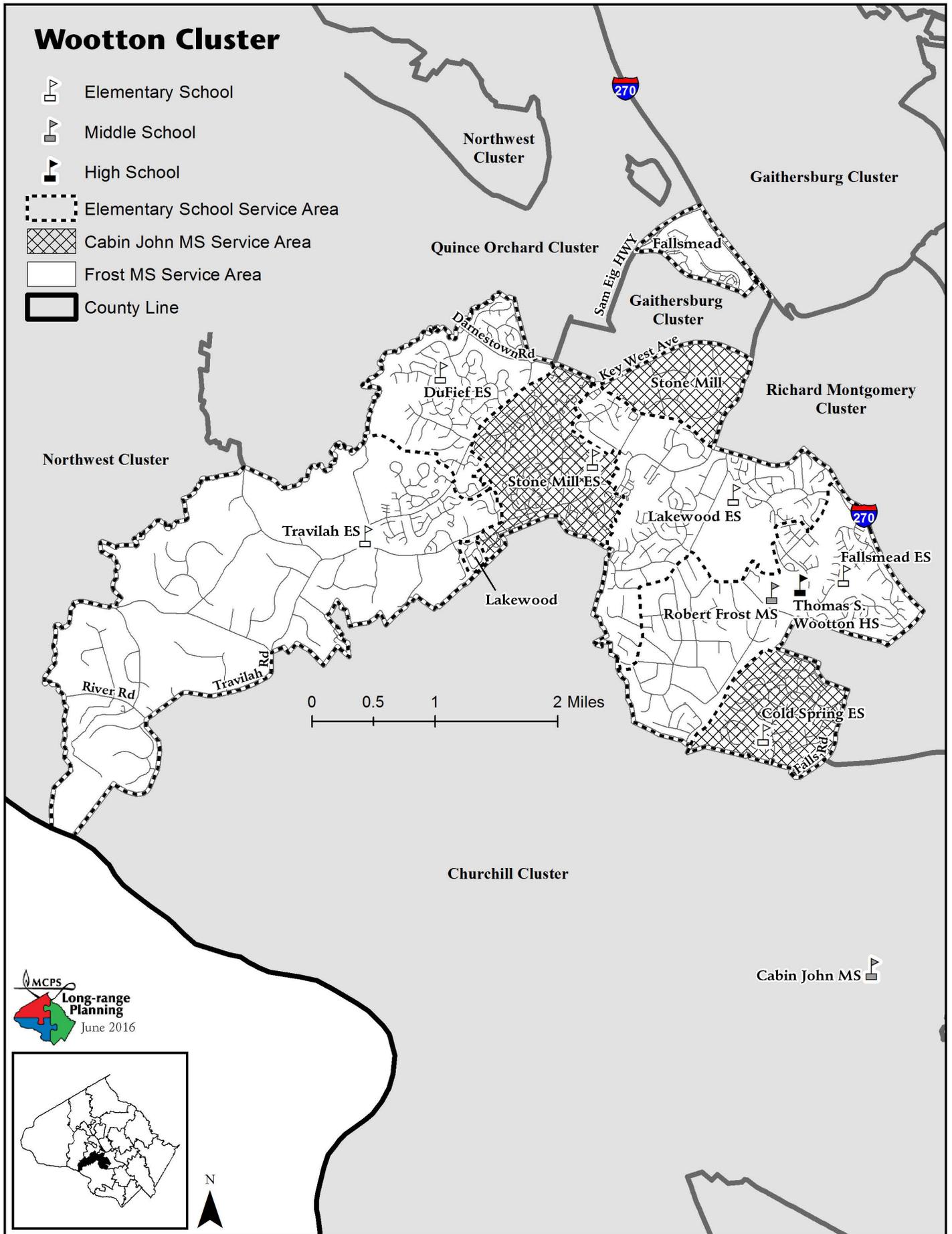
WATKINS MILL CLUSTER

Facility Characteristics of Schools 2015–2016

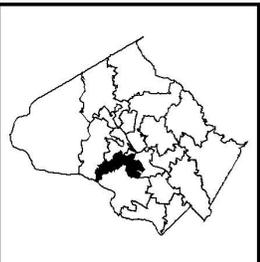
Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable Classrooms	County Programs	Home School Model
Watkins Mill HS	1989		305,288	50.99	Yes		SBWC	
Montgomery Village MS	1968	2003	141,615	15.1				
Neelsville MS	1981		131,432	29.2				
South Lake ES	1972		83,038	10.2		4	LTL	
Stedwick ES	1974		109,677	10				
Watkins Mill ES	1970		80,923	10	Yes			
Whetstone ES	1968		96,946	8.8	Yes			

Wootton Cluster

-  Elementary School
-  Middle School
-  High School
-  Elementary School Service Area
-  Cabin John MS Service Area
-  Frost MS Service Area
-  County Line




MCPS
Long-range Planning
 June 2016



CLUSTER PLANNING ISSUES

Planning Issue: The 2010 adopted Great Seneca Science Corridor Master Plan provides for up to 5,750 residential units. Most of the residential development is in the Thomas S. Wootton Cluster. The majority of planned units require funding to be secured for construction of the Corridor Cities Transitway. The pace of construction will be market driven. A future elementary school site is included in the plan.

Planning Study: Since 2007, elementary school enrollment in the Gaithersburg Cluster has increased by 600 students. In addition, development of the Crown community, with 1,500 residential units in the Rosemont Elementary School service area, is moving ahead. A comprehensive capacity study was approved for the Gaithersburg Cluster to address enrollment growth in this area. The study was conducted during the 2014–2015 school year and included all the elementary schools in the cluster. Because of the challenges of enrollment growth, and absorption of large new residential developments, a tricluster roundtable discussion group convened in spring 2016, to take a broader look at school enrollments, utilization levels and facility options in the Gaithersburg Cluster. Three adjacent clusters participated in the Roundtable—Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton. The Board of Education action to address the enrollment growth in the Gaithersburg Cluster elementary schools is available at the following link: http://gis.mcpsmd.org/roundtablepdfs/TriCluster_GreenSheetAction041916.pdf

SCHOOLS

Thomas S. Wootton High School

Capital Project: A revitalization/expansion project is scheduled for this school with a completion date of August 2021. An FY 2016 appropriation was approved for planning funds to begin the architectural design for the revitalization/expansion project of this school. In order for this project to be completed on this schedule, county and state funding must be provided at levels approved in this CIP.

Cold Spring Elementary School

Capital Project: The Board of Education requested funds to complete a revitalization/expansion project for this school with a completion date of January 2021. However, the approved FY 2017–2022 CIP reflects a one year delay for elementary school revitalization/expansion projects beginning with schools that have planning funds in FY 2018 and beyond. Therefore, the approved completion date for this project is January 2022. However, based on the Montgomery County Council Office of Legislative Oversight (OLO) study released in July 2015 regarding the revitalization/expansion program and the Facility Assessment with

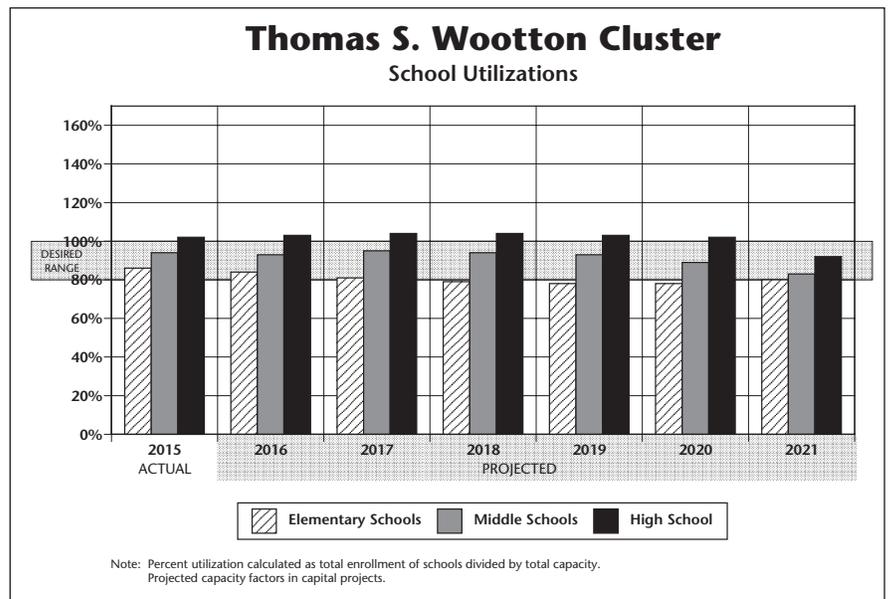
Criteria and Testing (FACT) methodology used to rank the schools, and the work of the FACT Review Committee this school will be reassessed using the revised FACT methodology. Pending the outcome of the reassessment, the queue for the revitalization/expansion projects may change. (For more information see Appendix F.)

An FY 2015 appropriation was completed for facility planning for a feasibility study to determine the scope and cost of the project. In order for this project to be completed on this schedule, the outcome of the FACT reassessment must maintain this project on the present queue position and county and state funding must be provided at the levels approved in this CIP.

DuFief Elementary School

Capital Project: The Board of Education requested funds to complete a revitalization/expansion project for this school with a completion date of January 2021. However, the approved FY 2017–2022 CIP reflects a one year delay for elementary school revitalization/expansion projects beginning with schools that have planning funds in FY 2018 and beyond. Therefore, the approved completion date for this project is January 2022. However, based on the Montgomery County Council Office of Legislative Oversight (OLO) study released in July 2015 regarding the revitalization/expansion program and the Facility Assessment with Criteria and Testing (FACT) methodology used to rank the schools, and the work of the FACT Review Committee this school will be reassessed using the revised FACT methodology. Pending the outcome of the reassessment, the queue for the revitalization/expansion projects may change. (For more information see Appendix F.)

An FY 2015 appropriation was completed for facility planning for a feasibility study to determine the scope and cost of the project. In order for this project to be completed on this schedule, the outcome of the FACT reassessment must maintain this



project on the present queue position and county and state funding must be provided at the levels approved in this CIP.

Planning Issue: Projections indicate that enrollment at Rachel Carson Elementary School will exceed capacity by 92 seats or more by the end of the six-year planning period. To address the high enrollment at Rachel Carson Elementary School the Board of Education approved the following studies to explore additional capacity to address the overutilization at Rachel Carson Elementary School:

- The feasibility study that was conducted in 2007 for an addition at Jones Lane Elementary School to relieve Carson Elementary School be updated to determine if a larger addition could be constructed at Jones Lane Elementary School;
- The feasibility study that is planned for the revitalization/expansion project at DuFief Elementary School during the 2014–2015 school year include the possibility of additional capacity;
- The feasibility study that is planned for an addition at Fields Road Elementary School include the possibility of additional capacity; and
- The consideration of a new elementary school in the Quince Orchard Cluster be included in the analysis of options to relieve Rachel Carson Elementary School.

The Board of Education completed the expansion of DuFief Elementary School to accommodate the overutilization of Rachel Carson Elementary School. The Board of Education action can be found at the following link: http://gis.mcpsmd.org/cipmasterpdfs/CIP17_AdoptedRachelCarsonESOverutilization.pdf

CAPITAL PROJECTS

School	Project	Project Status*	Date of Completion
Wootton HS	Revitalization/expansion	Approved	Aug. 2021, building Aug. 2022, site
Cold Spring ES	Revitalization/expansion	Programmed	Aug. 2022 (delayed)
DuFief ES	Revitalization/expansion	Programmed	Aug. 2022 (delayed)

*Approved—Project has an FY 2016 appropriation approved in the Amended FY 2015–2020 CIP or FY 2017 appropriation approved in the FY 2017 Capital Budget.

*Deferred—Funds have been deferred for a future CIP.

*Programmed—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*Proposed—Project has facility planning funds recommended for FY 2017 for a feasibility study.

THOMAS S. WOOTTON CLUSTER

Projected Enrollment and Space Availability
Effects of the Adopted FY2017–2022 CIP and Non–CIP Actions on Space Available

Schools		Actual 15–16	Projections								
			16–17	17–18	18–19	19–20	20–21	21–22	2025	2030	
Thomas S. Wootton HS	Program Capacity	2167	2167	2167	2167	2167	2167	2167	2420	2420	2420
	Enrollment	2212	2229	2243	2255	2232	2209	2237	2400	2300	
	Available Space	(45)	(62)	(76)	(88)	(65)	(42)	183	20	120	
	Comments		Planning for Revitalization/Expansion			Revitalization/Expansion in Progress		Rev/Ex Complete			
Cabin John MS	Program Capacity	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113
	Enrollment	941	942	1000	1004	1015	978	948	1050	1000	
	Available Space	172	171	113	109	98	135	165	63	113	
	Comments										
Robert Frost MS	Program Capacity	1084	1084	1084	1084	1084	1084	1084	1084	1084	1084
	Enrollment	1116	1095	1081	1068	1023	967	874	950	900	
	Available Space	(32)	(11)	3	16	61	117	210	134	184	
	Comments										
Cold Spring ES	Program Capacity	459	459	459	459	459	459	459			
	Enrollment	333	326	314	319	317	320	325			
	Available Space	126	133	145	140	142	139	134			
	Comments			Planning for Revitalization/Expansion			Move to Grosvenor Jan. 2021	@ Grosvenor			
DuFief ES	Program Capacity	416	416	416	416	416	416	416			
	Enrollment	313	312	301	304	305	316	330			
	Available Space	103	104	115	112	111	100	86			
	Comments	See text		Planning for Revitalization/Expansion			Move to Emory Grove Jan. 2021	@ Emory Grove			
Fallsmead ES	Program Capacity	598	598	598	598	598	598	598			
	Enrollment	541	519	516	493	488	490	489			
	Available Space	57	79	82	105	110	108	109			
	Comments										
Lakewood ES	Program Capacity	556	556	556	556	556	556	556			
	Enrollment	543	528	491	464	452	449	459			
	Available Space	13	28	65	92	104	107	97			
	Comments										
Stone Mill ES	Program Capacity	654	654	654	654	654	654	654			
	Enrollment	650	643	610	591	581	585	589			
	Available Space	4	11	44	63	73	69	65			
	Comments										
Travilah ES	Program Capacity	522	522	522	522	522	522	522			
	Enrollment	390	379	377	357	351	352	359			
	Available Space	132	143	145	165	171	170	163			
	Comments										
Cluster Information	HS Utilization	102%	103%	104%	104%	103%	102%	92%	99%	95%	
	HS Enrollment	2212	2229	2243	2255	2232	2209	2237	2400	2300	
	MS Utilization	94%	93%	95%	94%	93%	89%	83%	91%	86%	
	MS Enrollment	2057	2037	2081	2072	2038	1945	1822	2000	1900	
	ES Utilization	86%	84%	81%	79%	78%	78%	80%	87%	87%	
ES Enrollment	2770	2707	2609	2528	2494	2512	2551	2800	2800		

Facility Characteristics of Schools 2015–2016

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable Classrooms	County Programs	Home School Model
Thomas S. Wootton HS	1970		295,620	27.4		6		
Cabin John MS	1967	2011	159,514	18.2				
Robert Frost MS	1971		143,757	24.8				
Cold Spring ES	1972		55,158	12.4		1		
DuFief ES	1975		59,013	10	Yes	2		
Fallsmead ES	1974		67,472	9	Yes			
Lakewood ES	1968	2003	77,526	13.1				
Stone Mill ES	1988		78,617	11.8				
Travilah ES	1960	1992	65,378	9.3				