

COL. ZADOK MAGRUDER CLUSTER

CLUSTER PLANNING ISSUES

Since 2007, elementary school enrollment in the Gaithersburg Cluster has increased by 820 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 2,000 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 tri-cluster 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.

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 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

Col. Zadok Magruder High School

Planning Study: A boundary study was approved to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Gaithersburg Cluster to the Col. Zadok Magruder Cluster. Representatives from Washington Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School in the Gaithersburg Cluster and Candlewood Elementary School, Shady Grove Middle School, and Col. Zadok Magruder High School in the Col. Zadok Magruder Cluster will participate in the boundary advisory committee. The boundary study will occur in spring 2017 with Board of Education action in fall 2017 and implementation scheduled for fall 2018.

Shady Grove Middle School

Planning Study: A boundary study was approved to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Gaithersburg Cluster to the Col. Zadok Magruder Cluster. Representatives from Washington Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School in the Gaithersburg Cluster and Candlewood Elementary School, Shady Grove Middle School, and Col. Zadok Magruder High School in the Col. Zadok Magruder Cluster will participate in the boundary advisory committee. The boundary study will occur in spring 2017 with Board of

Education action in fall 2017 and implementation scheduled for fall 2018.

Candlewood Elementary School

Planning Study: A boundary study was approved to reassign the portion of the Shady Grove Sector Plan that is located east of Interstate 370 in the Gaithersburg Cluster to the Col. Zadok Magruder Cluster. Representatives from Washington Grove Elementary School, Forest Oak Middle School, and Gaithersburg High School in the Gaithersburg Cluster and Candlewood Elementary School, Shady Grove Middle School, and Col. Zadok Magruder High School in the Col. Zadok Magruder Cluster will participate in the boundary advisory committee. The boundary study will occur in spring 2017 with Board of Education action in fall 2017 and implementation scheduled for fall 2018.

Judith A. Resnik Elementary School

Capital Project: A classroom addition project is scheduled for this school with a completion date of August 2020. 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 recommended in this CIP.

CAPITAL PROJECTS

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

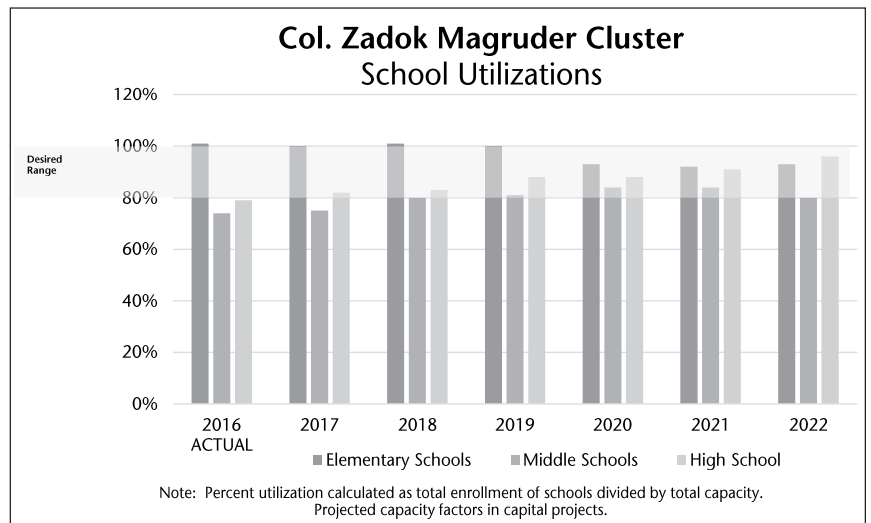
*Approved—Project has an FY 2017 appropriation approved in the FY 2017–2022 CIP.

*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 approved in FY 2017 or recommended in FY 2018 for a feasibility study.

*Recommended—Project has an FY 2018 appropriation recommended for the FY 2018 Capital Budget.



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Projected Enrollment and Space Availability
Effects of the Recommended Amendments to the FY 2017–2022 CIP and Non–CIP Actions on Space Available

Schools		Actual	Projections								
			16–17	17–18	18–19	19–20	20–21	21–22	22–23	2026	2031
Col. Zadok Magruder HS	Program Capacity	1941	1941	1941	1941	1941	1941	1941	1941	1955	1955
	Enrollment	1559	1584	1604	1707	1711	1775	1872	1900	1900	
	Available Space	382	357	337	234	230	166	69	55	55	
	Comments	See text									
Redland MS	Program Capacity	757	757	935	757	757	757	757	757	757	757
	Enrollment	553	571	623	678	682	704	651	700	700	
	Available Space	204	186	134	78	74	52	106	57	57	
	Comments										
Shady Grove MS	Program Capacity	846	846	846	846	846	846	846	846	846	846
	Enrollment	627	629	659	623	659	640	632	650	650	
	Available Space	219	217	187	223	187	206	214	196	196	
	Comments	See text									
Candlewood ES	Program Capacity	499	499	499	499	499	499	499	499		
	Enrollment	354	353	349	356	356	350	360			
	Available Space	145	146	150	143	143	149	139			
	Comments	See text									
Cashell ES	Program Capacity	341	341	341	341	341	341	341			
	Enrollment	378	378	395	389	394	389	392			
	Available Space	(37)	(37)	(54)	(48)	(53)	(48)	(51)			
	Comments										
Flower Hill ES	Program Capacity	460	460	460	460	460	460	460			
	Enrollment	500	492	486	485	468	455	458			
	Available Space	(40)	(32)	(26)	(25)	(8)	5	2			
	Comments										
Mill Creek Towne ES	Program Capacity	321	321	321	321	321	321	321			
	Enrollment	364	378	376	375	365	373	373			
	Available Space	(43)	(57)	(55)	(54)	(44)	(52)	(52)			
	Comments										
Judith A. Resnik ES	Program Capacity	498	498	498	498	717	701	701			
	Enrollment	628	614	616	593	596	573	581			
	Available Space	(130)	(116)	(118)	(95)	121	128	120			
	Comments		Planning for Addition			Addition Complete +2 PEP	+2 PEP				
Sequoyah ES	Program Capacity	490	490	490	490	490	490	490			
	Enrollment	404	406	415	415	441	437	448			
	Available Space	86	84	75	75	49	53	42			
	Comments										
Cluster Information	HS Utilization	80%	82%	83%	88%	88%	91%	96%	97%	97%	
	HS Enrollment	1559	1584	1604	1707	1711	1775	1872	1900	1900	
	MS Utilization	74%	75%	72%	81%	84%	84%	80%	84%	84%	
	MS Enrollment	1180	1200	1282	1301	1341	1344	1283	1350	1350	
	ES Enrollment	2628	2621	2637	2613	2620	2577	2612	2700	2700	

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Facility Characteristics of Schools 2016–2017

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			