

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 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 was 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

Judith A. Resnik Elementary School

Capital Project: A classroom addition project is scheduled for this school with a completion date of September 2020. An FY 2017 appropriation was approved for planning to begin the architectural design for this project. 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.

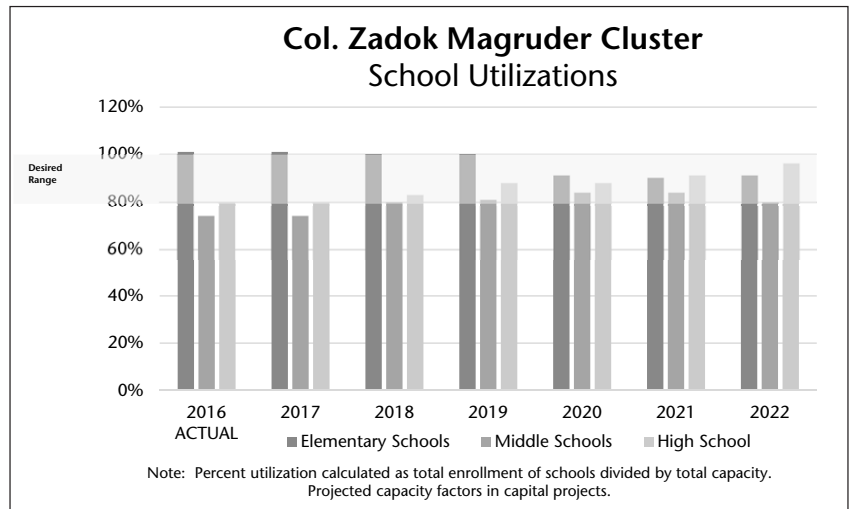
CAPITAL PROJECTS

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

*Approved—Project has an FY 2017 or FY 2018 appropriation approved in the Amended FY 2017–2022 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 in FY 2018 for a feasibility study.



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

Schools		Actual 16–17	Projections							
			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	1941
	Enrollment	1553	1556	1604	1707	1711	1775	1872	1900	1900
	Available Space	388	385	337	234	230	166	69	41	41
	Comments	See text								
Redland MS	Program Capacity	757	757	757	757	757	757	757	757	757
	Enrollment	558	567	623	678	682	704	651	700	700
	Available Space	198	190	134	78	74	52	106	57	57
	Comments	See text								
Shady Grove MS	Program Capacity	846	846	846	846	846	846	846	846	846
	Enrollment	629	625	659	623	659	640	632	650	650
	Available Space	217	221	187	223	187	206	214	196	196
	Comments	See text								
Candlewood ES	Program Capacity	499	516	516	516	516	516	516		
	Enrollment	355	360	349	356	356	350	360		
	Available Space	144	156	167	160	160	166	156		
	Comments	See text	-1 EXT							
Cashell ES	Program Capacity	341	341	341	341	341	341	341		
	Enrollment	379	386	395	389	394	389	392		
	Available Space	(38)	(45)	(54)	(48)	(53)	(48)	(51)		
	Comments									
Flower Hill ES	Program Capacity	460	460	460	460	460	460	460		
	Enrollment	498	495	486	485	468	455	458		
	Available Space	(38)	(35)	(26)	(25)	(8)	5	2		
	Comments									
Mill Creek Towne ES	Program Capacity	321	321	321	321	321	321	321		
	Enrollment	363	388	376	375	365	373	373		
	Available Space	(42)	(67)	(55)	(54)	(44)	(52)	(52)		
	Comments	See text								
Judith A. Resnik ES	Program Capacity	498	498	498	498	740	740	740		
	Enrollment	625	615	616	593	596	573	581		
	Available Space	(127)	(117)	(118)	(95)	144	167	159		
	Comments		Planning for Addition				Addition Complete			
Sequoyah ES	Program Capacity	490	490	490	490	490	490	490		
	Enrollment	408	412	415	415	441	437	448		
	Available Space	82	78	75	75	49	53	42		
	Comments	See text								
Cluster Information	HS Utilization	80%	80%	83%	88%	88%	91%	96%	98%	98%
	HS Enrollment	1553	1556	1604	1707	1711	1775	1872	1900	1900
	MS Utilization	74%	74%	80%	81%	84%	84%	80%	84%	84%
	MS Enrollment	1187	1192	1282	1301	1341	1344	1283	1350	1350
	ES Enrollment	2628	2656	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			