

COL. ZADOK MAGRUDER CLUSTER

CLUSTER PLANNING ISSUES

Planning Study: A capacity study was approved for the Watkins Mill Cluster to evaluate the space deficits at the elementary school level, as well as look to adjacent clusters to address overutilization issues. The capacity study was conducted in summer 2021. Non-capital and/or capital solutions will be considered in a future CIP.

SCHOOLS

Col. Zadok Magruder High School

Capital Project: To address various building systems and programmatic needs for this school, a major capital project is planned. Expenditures for this project are included in the Major Capital Projects—Secondary and an appropriation will be requested for planning funds in a future CIP. This project is scheduled for completion in August 2027.

Candlewood Elementary School

Planning Study: See text under Cluster Planning Issues

Cashell Elementary School

Planning Study: See text under Cluster Planning Issues

Flower Hill Elementary School

Planning Study: See text under Cluster Planning Issues

Mill Creek Towne Elementary School

Planning Study: See text under Cluster Planning Issues

Planning Study: Projections indicate that enrollment will exceed capacity by the end of the six-year planning period. An FY 2021 appropriation was approved for facility planning to conduct a feasibility study for a possible addition to this school and identify a scope and cost for the project. Relocatable classrooms will be utilized until additional capacity can be added.

Judith A. Resnik Elementary School

Planning Study: See text under Cluster Planning Issues

Capital Project: A feasibility study was conducted in FY 2013 to determine the cost and scope of an addition project. Projections indicate enrollment will be stable over the six-year planning period at Judith A. Resnik Elementary School; however, enrollment will continue to exceed capacity over the same time. Therefore, planning will be completed for the proposed

addition project and expenditures for construction funds will be considered in a future CIP. Enrollment will continue to be monitored and relocatable classrooms will be utilized.

Sequoyah Elementary School

Planning Study: See text under Cluster Planning Issues

CAPITAL PROJECTS

School	Project	Project Status*	Date of Completion
Col. Zadok Magruder HS	Major Capital Project	Programmed	August 2027
Mill Creek Towne ES	Addition	Proposed	TBD
Judith A. Resnik ES	Addition	Proposed	TBD

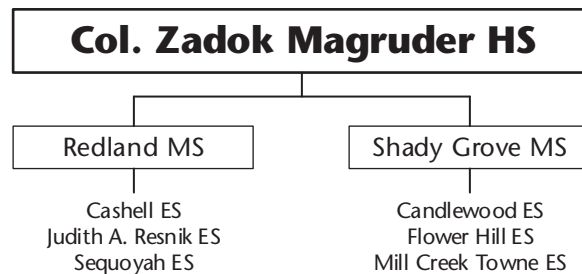
*Approved—Project has an approved FY 2022 appropriation in the Amended FY 2021–2026 CIP for planning or construction funds.

*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 for a feasibility study.

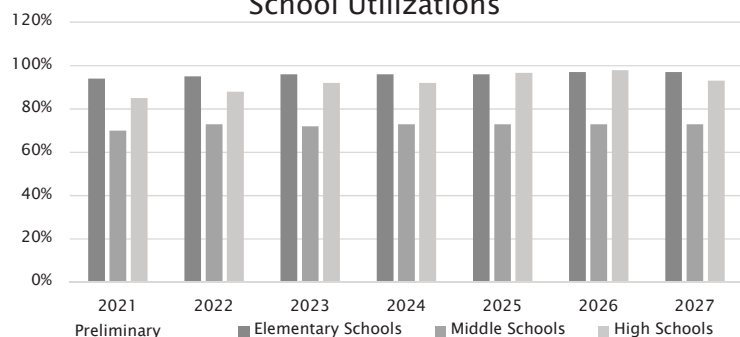
*Recommended—Project has a recommended FY 2023 appropriation for planning or construction in the FY 2023–2028 CIP.

Magruder Cluster Articulation



See Appendix U for multicolored maps of service areas.

Col. Zadok Magruder Cluster School Utilizations



Note: Percent utilization calculated as total enrollment of schools divided by total capacity. Projected capacity factors in capital projects. Desired utilization range is between 80% – 100%

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Projected Enrollment and Space Availability

Effects of the Superintendent's Recommended FY 2023 Capital Budget and FY 2023–2028 Capital Improvements Program

Schools		Prelim.	Projections								
			21–22	22–23	23–24	24–25	25–26	26–27	27–28	2031	2036
Col. Zadok Magruder HS	Program Capacity	1907	1907	1907	1907	1907	1907	1907	2020	2020	2020
	Enrollment	1613	1671	1757	1763	1859	1861	1876	1900	1950	1950
	Available Space	294	236	150	144	48	46	144	120	70	70
	Comments			Plng. for Maj. Cap. Project					Maj. Cap. Project Complete		
Redland MS	Program Capacity	765	765	765	765	765	765	765	765	765	765
	Enrollment	611	619	592	590	596	594	590	600	650	650
	Available Space	154	146	173	175	169	171	175	165	115	115
	Comments										
Shady Grove MS	Program Capacity	854	854	854	854	854	854	854	854	854	854
	Enrollment	524	570	577	585	590	588	585	600	650	650
	Available Space	330	284	277	269	264	266	269	254	204	204
	Comments										
Candlewood ES	Program Capacity	515	515	515	515	515	515	515			
	Enrollment	366	382	377	385	389	392	397			
	Available Space	149	133	138	130	126	123	118			
	Comments	See Text									
Cashell ES	Program Capacity	340	340	340	340	340	340	340			
	Enrollment	321	337	334	342	335	340	328			
	Available Space	19	3	6	(2)	5	0	12			
	Comments	See Text									
Flower Hill ES	Program Capacity	488	488	488	488	488	488	488			
	Enrollment	427	415	434	427	442	460	472			
	Available Space	61	73	54	61	46	28	16			
	Comments	See Text									
Mill Creek Towne ES	Program Capacity	323	323	323	323	323	323	323			
	Enrollment	478	486	505	512	511	505	512			
	Available Space	(155)	(163)	(182)	(189)	(188)	(182)	(189)			
	Comments	See Text									
Judith A. Resnik ES	Program Capacity	503	503	503	503	503	503	503			
	Enrollment	561	558	546	541	532	520	514			
	Available Space	(58)	(55)	(43)	(38)	(29)	(17)	(11)			
	Comments	See Text									
Sequoayah ES	Program Capacity	508	508	508	508	508	508	508			
	Enrollment	360	366	381	373	373	371	365			
	Available Space	148	142	127	135	135	137	143			
	Comments	See Text									
Cluster Information	HS Utilization	85%	88%	92%	92%	97%	98%	93%	94%	97%	
	HS Enrollment	1613	1671	1757	1763	1859	1861	1876	1900	1950	
	MS Utilization	70%	73%	72%	73%	73%	73%	73%	74%	80%	
	MS Enrollment	1135	1189	1169	1175	1186	1182	1175	1200	1300	
	ES Enrollment	2513	2544	2577	2580	2582	2588	2588			

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Facility Characteristics of Schools 2021–2022

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Relocatable Classrooms	County Programs
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		2	
Flower Hill ES	1985		58,770	10	Yes	3	
Mill Creek Towne ES	1966	2000	67,465	8.4		9	
Judith A. Resnik ES	1991		78,547	12.8		6	
Sequoyah ES	1990		73,080	10	Yes		



Candlewood Elementary School