

COL. ZADOK MAGRUDER CLUSTER

SCHOOLS

Col. Zadok Magruder High School

Capital Project: A major capital project is approved to address various building systems and programmatic needs for this school. An FY 2020 appropriation was approved for planning to begin the architectural design for this project. Expenditures for this project are included in the Major Capital Projects—Secondary and an appropriation will be recommended in the next full CIP. This project is scheduled for completion in September 2027. Additional information regarding the scope of this major capital project can be found in Supplement C—FY2021–2026 Major Capital Projects Update at the following link: www.montgomeryschoolsmd.org/departments/planning/cipmaster.aspx. In order for this project to be completed on this schedule, county and state funding must be provided at the levels recommended in this CIP.

Mill Creek Towne Elementary School

Planning Study: Projections indicate that enrollment will exceed capacity by more than 92 seats by the end of the six-year planning period. An FY 2021 appropriation is recommended 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

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 continue 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.

CAPITAL PROJECTS

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

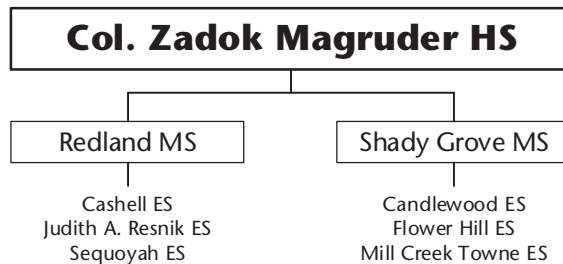
* “Approved”—Project has an FY 2019 or FY 2020 appropriation for planning or construction funds approved in the Amended FY 2019–2024 CIP.

“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 for a feasibility study.

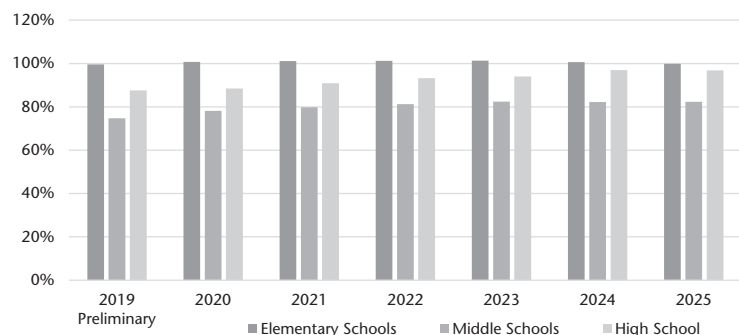
“Recommended”—Project has an FY 2021 appropriation recommended for planning or construction in the FY 2021–2026 CIP.

Magruder Cluster Articulation*



* “Cluster” is defined as the collection of elementary schools that articulate to the same high school.

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%

COL. ZADOK MAGRUDER CLUSTER

Projected Enrollment and Space Availability

Effects of the Recommended FY 2021 Capital Budget and the FY 2021–2026 Capital Improvements Program (CIP)

Schools			Prelimin.	Projections							
			19–20	20–21	21–22	22–23	23–24	24–25	25–26	2029	2034
Col. Zadok Magruder HS	Program Capacity		1941	1941	1941	1941	1941	1941	1941	1941	1941
	Enrollment		1700	1718	1765	1809	1825	1882	1879	1846	1795
	Available Space		241	223	176	132	116	59	62	95	146
	Comments						Planning for Maj. Cap. Project				
Redland MS	Program Capacity		765	765	765	765	765	765	765	765	765
	Enrollment		635	650	649	627	630	617	618	620	625
	Available Space		130	115	116	138	135	148	147	145	140
	Comments										
Shady Grove MS	Program Capacity		854	854	854	854	854	854	854	854	854
	Enrollment		575	615	643	688	704	715	715	619	605
	Available Space		279	239	211	166	150	139	139	235	249
	Comments										
Candlewood ES	Program Capacity		515	515	515	515	515	515	515		
	Enrollment		387	387	392	402	397	401	399		
	Available Space		128	128	123	113	118	114	116		
	Comments										
Cashell ES	Program Capacity		339	339	339	339	339	339	339		
	Enrollment		343	339	331	335	335	347	345		
	Available Space		(4)	0	8	4	4	(8)	(6)		
	Comments										
Flower Hill ES	Program Capacity	CSR	493	493	493	493	493	493	493		
	Enrollment		458	454	451	443	444	438	441		
	Available Space		35	39	42	50	49	55	52		
	Comments										
Mill Creek Towne ES	Program Capacity	CSR	336	336	336	336	336	336	336		
	Enrollment		507	514	536	533	535	525	512		
	Available Space		(171)	(178)	(200)	(197)	(199)	(189)	(176)		
	Comments			Facility Plng. for Addition							
Judith A. Resnik ES	Program Capacity	CSR	493	493	493	493	493	493	493		
	Enrollment		602	614	610	610	607	603	608		
	Available Space		(109)	(121)	(117)	(117)	(114)	(110)	(115)		
	Comments										
Sequoyah ES	Program Capacity	CSR	508	508	508	508	508	508	508		
	Enrollment		376	395	393	394	401	387	376		
	Available Space		132	113	115	114	107	121	132		
	Comments										
Cluster Information	HS Utilization		88%	89%	91%	93%	94%	97%	97%	95%	92%
	HS Enrollment		1700	1718	1765	1809	1825	1882	1879	1846	1795
	MS Utilization		75%	78%	80%	81%	82%	82%	82%	77%	76%
	MS Enrollment		1210	1265	1292	1315	1334	1332	1333	1239	1230
	ES Utilization		100%	101%	101%	101%	101%	101%	100%	92%	89%
	ES Enrollment		2673	2703	2713	2717	2719	2701	2681	2480	2400

COL. ZADOK MAGRUDER CLUSTER

Facility Characteristics of Schools 2019–2020

Schools	Year Facility Opened	Year Reopened/ Revitalized	Total Square Footage	Site Size Acres	Adjacent Park	Reloc-atable 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		72,582	10	Yes		

