

School Board Proposed FY 2025-34 Capital Improvement Plan (CIP)

Action Item
June 20, 2024

All Arlington Public Schools (APS) budget and operations decisions are based on the best information available at the time. Staff and community members are reminded that funding forecasts from Arlington County and the state may change, based on many external factors. Similarly, student enrollment and projections are based on the best available information, but are also subject to change due to employment, housing and other economic factors. For these reasons, APS and the Arlington School Board may adjust future budget allocations, staffing and other operations decisions to reflect the existing community and operating landscape.

Updates to the School Board Proposed FY 2025-34 CIP presented June 6, 2024

Changes highlighted in green

Project Funding and Timeline

Funding updated to reflect Capital Reserves utilization to complete ERP System Modernization
 Language updates to reflect Long-Range Renovations and Long-Range Renovations: Feasibility Studies

	Proposed FY 2025-34 10 Year Capital Improvement Plan (all \$ in millions)													Project Grand Total (Projected and Previously Approved)
	Previously Approved	Proposed FY 2025	Projected FY 2026	Projected FY 2027	Projected FY 2028	Projected FY 2029	Projected FY 2030	Projected FY 2031	Projected FY 2032	Projected FY 2033	Projected FY 2034	Projected Total		
Funding Sources														
Bond Funding	\$110.96	\$89.93	\$31.43	\$76.15	\$58.57	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$566.08	\$667.04	
Capital Reserve ¹	\$4.10	\$6.65	\$0.33	\$0.30	\$0.82	\$0.33		\$0.62	\$1.38	\$1.70	\$0.19	\$12.31	\$16.41	
Operating/MC/MM-Other	\$6.36	\$1.25										\$1.25	\$7.61	
Funding Total	\$121.42	\$97.83	\$31.76	\$76.45	\$59.39	\$50.33	\$50.00	\$50.62	\$51.38	\$51.70	\$50.19	\$569.64	\$691.06	
Project Allocation (Projection)														
Division Wide														
Enterprise Resource Planning (ERP) System	\$10.08	\$1.92										\$1.92	\$12.00	
Long Range Renovations				\$39.56	\$39.94	\$37.00	\$38.40	\$37.80	\$37.20	\$36.60	\$35.90	\$302.40	\$302.40	
Improvements At Existing Facilities														
Major Infrastructure Projects	\$4.55	\$15.10	\$9.50	\$10.00	\$10.50	\$11.00	\$11.60	\$12.20	\$12.80	\$13.40	\$14.10	\$120.20	\$124.75	
Critical Notification/Public Address Systems Replacements		\$0.73	\$0.33	\$0.30	\$0.46	\$0.33						\$2.15	\$2.15	
Kenmore field conversion to synthetic turf (APS share)		\$2.44										\$2.44	\$2.44	
Synthetic Field turf replacement (APS share) ³					\$0.35			\$0.62	\$1.38	\$1.70	\$0.19	\$4.24	\$4.24	
Career Center Campus														
Career Center building ⁴	\$101.65	\$62.17	\$11.18									\$73.35	\$175.00	
Move MPSA into refreshed ACC building (Option Two)			\$10.75	\$26.59	\$8.13							\$45.47	\$45.47	
Demolish MPSA; green space						\$2.00						\$2.00	\$2.00	
Kitchen and Entrance Renovation Program														
Barrett/Carlin Springs Kitchens	\$3.05	\$4.65										\$4.65	\$7.70	
Science Focus/Ashlawn Kitchens	\$1.29	\$6.83										\$6.83	\$8.12	
Planning														
Long Range Renovations: Feasibility Studies	\$0.80	\$4.00										\$4.00	\$4.80	
Trade Center Optimization/Bus Electrification TBD														
Allocation Projections Total	\$121.42	\$97.83	\$31.76	\$76.45	\$59.39	\$50.33	\$50.00	\$50.62	\$51.38	\$51.70	\$50.19	\$569.64	\$691.06	

Color coding in the

shown on the line "Bond Referenda Amounts" below (e.g., figures in orange above would be in the 2024 referendum).

Debt Service Ratio is calculated based on the FY 2025 Superintendent's proposed budget and County-provided revenue projections through FY 2034.

	2024 Referendum	2026 Referendum	2028 Referendum	2030 Referendum	2032 Referendum					
BOND REFERENDA AMOUNTS	\$83.98	\$100.00	\$100.00	\$100.00	\$100.00					
Debt Service Ratio Target ≤9.8%	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
Debt Service Ratio - APS	8.13%	8.13%	8.24%	8.38%	8.47%	8.54%	8.58%	8.52%	8.36%	7.91%
Annual Bond Issuance	\$89.93	\$31.43	\$76.15	\$58.57	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
Annual APS Debt Service Increase	\$2.56	\$1.62	\$2.70	\$3.07	\$2.68	\$2.54	\$2.42	\$1.46	\$0.45	(\$2.51)

¹ Capital Reserve funds are shown in italic.

² Funding amounts are PLACEHOLDERS ONLY based on the \$50 million per year for APS as directed by the County Manager's Office.

³ Future Synthetic Field Replacements are proposed to be funded by Capital Reserve.

⁴ FY 2025, includes \$62.17M already included in the FY 2022 bond referendum and \$1.25M is funded by Operating Fund; for FY 2026 \$11.18 was also included in FY 2022 Referendum.

MC/MM & Major Infrastructure 10-Year Proposed Plan

CATEGORIES	LONG TERM PLAN 2025 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2026 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2027 MCMM	\$ESTIMATE
Salary/Admin. Costs	Program Manager	159,135	Salary/Admin. Costs	Program Manager	162,318	Salary/Admin. Costs	Program Manager	165,564
	PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:	
Parking Lots	Renew Parking Lots - GUNSTON	150,000	Parking Lots	Renew Parking Lot - KENMORE	153,000	Parking Lots	Renew Parking Lot - HOFFMAN BOSTON	156,060
Parking Lots	Renew Parking Lots - RANDOLPH	150,000	Parking Lots	Renew Parking Lot - CAMPBELL	153,000	Small Synthetic Play	Renew Parking Lot - SCIENCE FOCUS	156,060
Small Synthetic Play	New Synthetic Surface - ATS (rear playspace)	350,000	Small Synthetic Play	New Synthetic Surface - TBD	357,000	Small Synthetic Play	New Synthetic Surface - TBD	364,140
Flooring	Main Gym Floor - SWANSON	206,000	Flooring	New Gym Floor - HOFFMAN BOSTON	210,120	Flooring	New Gym Floor - WASHINGTON-LIBERTY	214,322
Flooring	New Cafeteria/MPR Floor - HOFFMAN BOSTON	103,000	Flooring	New Multi-Purpose Room Floor- CLAREMONT	105,060	Flooring	New Multi-Purpose Room Floor- JAMESTOWN	107,161
Painting	Main areas one school - SWANSON	132,613	Painting	Main areas one school - OAKRIDGE	135,265	Painting	Main areas one school - CARLIN SPRINGS	137,971
Painting	Main areas one school - JAMESTOWN	132,613	Painting	Main areas one school - BARCROFT	135,265	Painting	Main areas one school - BARRETT	137,971
Flooring	General floorcoverings Uplift - SWANSON	212,180	Flooring	General floorcoverings Uplift - BARCROFT	216,424	Flooring	General floorcoverings Uplift - BARRETT	220,752
Playgrounds	New 5-12 CARLIN SPRINGS	265,225	Playgrounds	New 5-12 TAYLOR	270,530	Playgrounds	New 5-12 JAMESTOWN	275,940
Playgrounds	New 2-5 CARLIN SPRINGS	159,135	Playgrounds	New 2-5 TAYLOR (plus abandon outdated third one)	162,318	Playgrounds	New 2-5 JAMESTOWN	165,564
Playgrounds	Only 1 each type in 2025	-	Playgrounds	Only 2 of each in 2026	-	Playgrounds	New 2-5 TUCKAHOE	165,564
Playgrounds	Only 1 each type in 2025	-	Playgrounds	New 5-12 CLAREMONT	270,530	Playgrounds	Only 1 x 5-12 in 2027	-
Playgrounds	Only 1 each type in 2025	-	Playgrounds	New 2-5 CLAREMONT	162,318	Playgrounds	2 x 2-5 in 2027	-
Blacktop	Resurface Black Top play area - INNOVATION	150,000	Blacktop	Resurface Black Top play area - TBD	153,000	Blacktop	Resurface Black Top play area - TBD	156,060
Consulting Fees	Design Engineering for MC/MM projects	148,526	Consulting Fees	Design Engineering for MC/MM projects	151,497	Consulting Fees	Design Engineering for MC/MM projects	154,526
	PROGRAMS			PROGRAMS			PROGRAMS	
Annual Theater Safety	Inspections and small/medium repairs	106,090	Annual Theater Safety	Inspections and small/medium repairs	108,212	Annual Theater Safety	Inspections and small/medium repairs	110,376
Annual Gym Safety	Inspection Bleachers, Backstops etc	90,177	Annual Gym Safety	Inspection Bleachers, Backstops etc	91,981	Annual Gym Safety	Inspection Bleachers, Backstops etc	93,820
ADA	General upgrades	95,481	ADA	General upgrades	97,391	ADA	General upgrades	99,338
Indoor Air Quality	IAQ/Mold etc - Needs beyond OPS bud	106,090	Indoor Air Quality	Address system wide as they arise	108,212	Indoor Air Quality	Address system wide as they arise	110,376
Fields/Grounds	General grounds upkeep	127,308	Fields/Grounds	General grounds upkeep	129,854	Fields/Grounds	General grounds upkeep	132,451
Kitchen Equipment	Replacements beyond Kitchens renovation program	127,508	Kitchen Equipment	Replacements beyond Kitchens renovation program	130,058	Kitchen Equipment	Replacements beyond Kitchens renovation program	132,659
Concrete/Paving	General repairs	106,090	Concrete/Paving	General repairs	108,212	Concrete/Paving	General repairs	110,376
HVAC	HVAC Emergency Repairs Contingency beyond OPS bud	212,180	HVAC	HVAC Emergency Repairs Contingency beyond OPS	216,424	HVAC	HVAC Emergency Repairs Contingency beyond OPS	220,752
HVAC	HVAC Emergency Contingency/Controls beyond OPS bud	212,180	HVAC	HVAC Emergency Contingency/Controls beyond OPS	216,424	HVAC	HVAC Emergency Contingency/Controls beyond OPS	220,752
Flooring	General replacement/repair	63,654	Flooring	General replacement/repair	64,927	Flooring	General replacement/repair	66,226
Painting	Ad hoc needs by contractors	79,568	Painting	Ad hoc needs by contractors	81,159	Painting	Ad hoc needs by contractors	82,783
Plumbing	Major Upgrades - Various valves etc	127,308	Plumbing	Major Upgrades - Various valves etc	129,854	Plumbing	Major Upgrades - Various valves etc	132,451
Roofing	Non-bond program repairs beyond OPS bud	159,135	Roofing	Non-bond program repairs	162,318	Roofing	Non-bond program repairs	165,564
Relocatables	Upkeep/Removals/Internal Room Modifications	200,000	Relocatables	Upkeep/Removals/Internal Room Modifications	204,000	Relocatables	Upkeep/Removals/Internal Room Modifications	208,080
General Reserve	Contingency for unforeseens	200,000	General Reserve	Contingency for unforeseens	204,000	General Reserve	Contingency for unforeseens	208,080
	TOTAL FROM LONG TERM PLAN:	4,331,196		TOTAL FROM LONG TERM PLAN:	4,850,668		TOTAL FROM LONG TERM PLAN:	4,671,740
Last cycle this method:	PROJECTS FROM REQUESTS/TRADES		New Method begins:	FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES	
	Multiple TBD - Await Rankings & Total Allocation (est)	1,300,000		Multiple TBD placeholder	1,326,000		Multiple TBD placeholder	1,352,520
	Anticipated Total Allocation MCMM 2025	5,631,196			6,176,668			6,024,260
2025	2025	2025	2026	2026	2026	2027	2027	2027
	Non MCMM Maintenance Staff Initiatives							
	BOND FUNDED MAINTENANCE PROJECTS 2025			BOND FUNDED MAINTENANCE PROJECTS 2026			BOND FUNDED MAINTENANCE PROJECTS 2027	
				New Roof - ESCUELA KEY (Part II) all budgeted 25				
ROOFING BOND FUNDS	New Roof - ESCUELA KEY - Parts I & II	3,500,000	ROOFING BOND FUNDS	New Roof - WILLIAMSBURG	4,500,000	ROOFING BOND FUNDS	New Roof - DOROTHY HAMM	\$ 3,500,000
LIGHTING BOND	Lighting upgrade to LED - Location(s) TBD	500,000	LIGHTING BOND	Lighting upgrade to LED - Location(s) TBD	500,000	LIGHTING BOND	Lighting upgrade to LED - Location(s) TBD	\$ 500,000
HVAC BOND	Upgrade joints at DOROTHY HAMM (await proposal)	100,000						
BOND ANNUAL DEMAND		4,100,000			5,000,000			4,000,000
NB: Funding stream of APS Synthetic Sports Fields build/renewals shares will be determined annually by Finance/Budget staff.								

MC/MM & Major Infrastructure 10-Year Proposed Plan

LONG TERM PLAN 2028 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2029 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2030 MCMM	\$ESTIMATE	CATEGORIES
Program Manager	168,875	Salary/Admin. Costs	Program Manager	172,253	Salary/Admin. Costs	Program Manager	175,698	Salary/Admin. Costs
PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:		
Renew Parking Lot - LONG BRANCH	159,181	Parking Lots	Renew Parking Lot - TBD	162,365	Parking Lots	Renew Parking Lot - TBD	165,612	Parking Lots
Renew Parking Lot - JAMESTOWN	159,181	Small Synthetic Play	Renew Parking Lot - TBD	162,365	Small Synthetic Play	Renew Parking Lot - TBD	165,612	Small Synthetic Play
New Synthetic Surface - TBD	371,423	Small Synthetic Play	New Synthetic Surface - TBD	378,851	Small Synthetic Play	New Synthetic Surface - TBD	386,428	Small Synthetic Play
New Gym Floor - CARLIN SPRINGS	218,609	Flooring	New Gym Floor - YORKTOWN	222,981	Flooring	New Gym Floor - TBD	227,441	Flooring
New Multi-Purpose Room Floor- GLEBE	109,304	Flooring	New Multi-Purpose Room Floor- OAKRIDGE	111,491	Flooring	New Multi-Purpose Room Floor- TBD	113,720	Flooring
Main areas one school - LONG BRANCH	140,730	Painting	Main areas one school - TUCKAHOE	143,545	Painting	Main areas one school - TBD	146,415	Painting
Main areas one school - TAYLOR	140,730	Painting	Main areas one school - RANDOLPH	143,545	Painting	Main areas one school - TBD	146,415	Painting
General floorcoverings JAMESTOWN	225,167	Flooring	General floorcoverings Uplift - OAKRIDGE	229,670	Flooring	General floorcoverings Uplift - TBD	234,264	Flooring
Only 1 x 5-12 in 2028		Playgrounds	New 5-12 NOTTINGHAM	287,088	Playgrounds	New 5-12 ESCUELA KEY	292,830	Playgrounds
New 2-5 RANDOLPH	168,875	Playgrounds	New 2-5 NOTTINGHAM	172,253	Playgrounds	New 2-5 ESCUELA KEY	175,698	Playgrounds
	-	Playgrounds	New 2-5 ASHLAWN	172,253	Playgrounds	Two 2-5 in 2030	-	Playgrounds
New 5-12 GLEBE	281,459	Playgrounds	2 x 2-5 in 2029	-	Playgrounds	Only 1 x 5-12 in 2030	-	Playgrounds
New 2-5 GLEBE	168,875	Playgrounds	Only 1 x 5-12 in 2029	-	Playgrounds	New 2-5 OAKRIDGE	175,698	Playgrounds
Resurface Black Top play area - TBD	159,181	Blacktop	Resurface Black Top play area - TBD	162,365	Blacktop	Resurface Black Top play area - TBD	165,612	Blacktop
Design Engineering for MC/MM projects	157,617	Consulting Fees	Design Engineering for MC/MM projects	160,769	Consulting Fees	Design Engineering for MC/MM projects	163,985	Consulting Fees
PROGRAMS			PROGRAMS			PROGRAMS		
Inspections and small/medium repairs	112,584	Annual Theater Safety	Inspections and small/medium repairs	114,835	Annual Theater Safety	Inspections and small/medium repairs	117,132	Annual Theater Safety
Inspection Bleachers, Backstops etc	95,697	Annual Gym Safety	Inspection Bleachers, Backstops etc	97,610	Annual Gym Safety	Inspection Bleachers, Backstops etc	99,563	Annual Gym Safety
General upgrades	101,325	ADA	General upgrades	103,352	ADA	General upgrades	105,419	ADA
Address system wide as they arise	112,584	Indoor Air Quality	Address system wide as they arise	114,835	Indoor Air Quality	Address system wide as they arise	117,132	Indoor Air Quality
General grounds upkeep	135,100	Fields/Grounds	General grounds upkeep	137,802	Fields/Grounds	General grounds upkeep	140,558	Fields/Grounds
Replacements beyond Kitchens renovation program	135,313	Kitchen Equipment	Replacements beyond Kitchens renovation program	138,019	Kitchen Equipment	Replacements beyond Kitchens renovation program	140,779	Kitchen Equipment
General repairs	112,584	Concrete/Paving	General repairs	114,835	Concrete/Paving	General repairs	117,132	Concrete/Paving
HVAC Emergency Repairs Contingency beyond OPS	225,167	HVAC	HVAC Emergency Repairs Contingency beyond OPS	229,670	HVAC	HVAC Emergency Repairs Contingency beyond OPS	234,264	HVAC
HVAC Emergency Contingency/Controls beyond OPS	225,167	HVAC	HVAC Emergency Contingency/Controls beyond OPS	229,670	HVAC	HVAC Emergency Contingency/Controls beyond OPS	234,264	HVAC
General replacement/repair	67,550	Flooring	General replacement/repair	68,901	Flooring	General replacement/repair	70,279	Flooring
Ad hoc needs by contractors	84,438	Painting	Ad hoc needs by contractors	86,127	Painting	Ad hoc needs by contractors	87,850	Painting
Major Upgrades - Various valves etc	135,100	Plumbing	Major Upgrades - Various valves etc	137,802	Plumbing	Major Upgrades - Various valves etc	140,558	Plumbing
Non-bond program repairs	168,875	Roofing	Non-bond program repairs	172,253	Roofing	Non-bond program repairs	175,698	Roofing
Upkeep/Removals/Internal Room Modifications	212,242	Relocatables	Upkeep/Removals/Internal Room Modifications	216,486	Relocatables	Upkeep/Removals/Internal Room Modifications	220,816	Relocatables
Contingency for unforeseens	212,242	General Reserve	Contingency for unforeseens	216,486	General Reserve	Contingency for unforeseens	220,816	General Reserve
TOTAL FROM LONG TERM PLAN:	4,765,175		TOTAL FROM LONG TERM PLAN:	4,860,479		TOTAL FROM LONG TERM PLAN:	4,957,688	
FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES		
Multiple TBD placeholder	1,379,570		Multiple TBD placeholder	1,407,162		Multiple TBD placeholder	1,435,305	
	6,144,745			6,267,641			6,392,993	
	2028	2028	2029	2029	2030	2030	2030	2031
BOND FUNDED MAINTENANCE PROJECTS 2028			BOND FUNDED MAINTENANCE PROJECTS 2029			BOND FUNDED MAINTENANCE PROJECTS 2030		
New Roofs - BARCROFT & SWANSON	6,000,000		New Roof - JEFFERSON	3,500,000		New Roof - INNOVATION & GLEBE	6,000,000	
Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000	
	6,500,000			4,000,000			6,500,000	

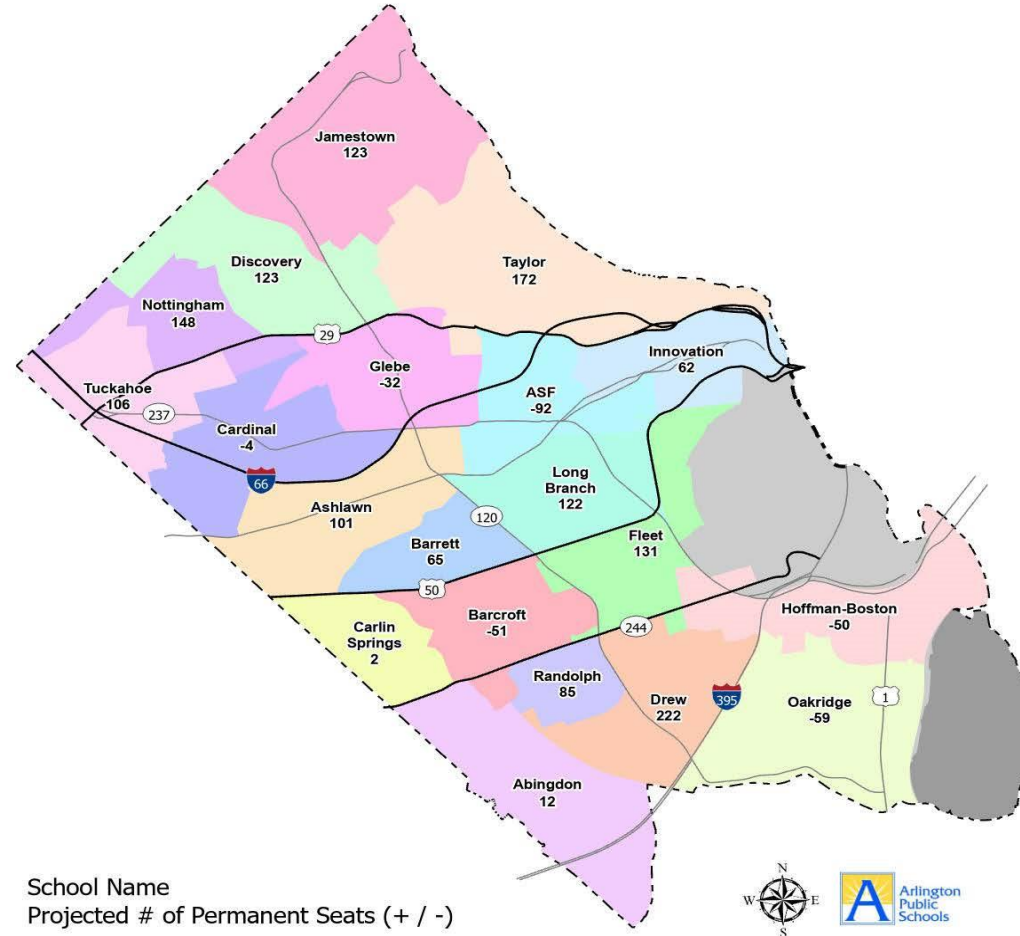
MC/MM & Major Infrastructure 10-Year Proposed Plan

LONG TERM PLAN 2031 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2032 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2033 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2034 MCMM	\$ESTIMATE	
Program Manager	179,212	Salary/Admin. Costs	Program Manager	182,796	Salary/Admin. Costs	Program Manager	186,452	Salary/Admin. Costs	Program Manager	190,181	
PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:		
Renew Parking Lot - TBD	168,924	Parking Lots	Renew Parking Lot - TBD	172,303	Parking Lots	Renew Parking Lot - TBD	175,749	Parking Lots	Renew Parking Lot - TBD	179,264	
Renew Parking Lot - TBD	168,924	Small Synthetic Play	Renew Parking Lot - TBD	172,303	Small Synthetic Play	Renew Parking Lot - TBD	175,749	Small Synthetic Play	Renew Parking Lot - TBD	179,264	
New Synthetic Surface - TBD	394,157	Small Synthetic Play	New Synthetic Surface - TBD	402,040	Small Synthetic Play	New Synthetic Surface - TBD	410,081	Small Synthetic Play	New Synthetic Surface - TBD	418,282	
New Gym Floor - TBD	231,989	Flooring	New Gym Floor - TBD	236,629	Flooring	New Gym Floor - TBD	241,362	Flooring	New Gym Floor - TBD	246,189	
New Multi-Purpose Room Floor- TBD	115,995	Flooring	New Multi-Purpose Room Floor- TBD	118,315	Flooring	New Multi-Purpose Room Floor- TBD	120,681	Flooring	New Multi-Purpose Room Floor- TBD	123,095	
Main areas one school - TBD	149,344	Painting	Main areas one school - TBD	152,331	Painting	Main areas one school - TBD	155,377	Painting	Main areas one school - TBD	158,485	
Main areas one school - TBD	149,344	Painting	Main areas one school - TBD	152,331	Painting	Main areas one school - TBD	155,377	Painting	Main areas one school - TBD	158,485	
General floorcoverings Uplift - TBD	238,949	Flooring	General floorcoverings Uplift - TBD	243,728	Flooring	General floorcoverings Uplift - TBD	248,603	Flooring	General floorcoverings Uplift - TBD	253,575	
New 5-12 TBD	298,686	Playgrounds	New 5-12 TBD	304,660	Playgrounds	New 5-12 TBD	310,753	Playgrounds	New 5-12 TBD	316,968	
New 2-5 TBD	179,212	Playgrounds	New 2-5 TBD	182,796	Playgrounds	New 2-5 TBD	186,452	Playgrounds	New 2-5 TBD	190,181	
Only 1 each in 2031	-	Playgrounds	Only 2 of each in 2032	-	Playgrounds	Only 1 of each in 2033	-	Playgrounds	Only 2 of each in 2034	-	
Only 1 each in 2031	-	Playgrounds	New 5-12 TBD	304,660	Playgrounds	Only 1 of each in 2033	-	Playgrounds	New 5-12 TBD	316,968	
Only 1 each in 2031	-	Playgrounds	New 2-5 TBD	182,796	Playgrounds	Only 1 of each in 2033	-	Playgrounds	New 2-5 TBD	190,181	
Resurface Black Top play area - TBD	168,924	Blacktop	Resurface Black Top play area - TBD	172,303	Blacktop	Resurface Black Top play area - TBD	175,749	Blacktop	Resurface Black Top play area - TBD	179,264	
Design Engineering for MC/MM projects	167,264	Consulting Fees	Design Engineering for MC/MM projects	170,610	Consulting Fees	Design Engineering for MC/MM projects	174,022	Consulting Fees	Design Engineering for MC/MM projects	177,502	
PROGRAMS			PROGRAMS			PROGRAMS			PROGRAMS		
Inspections and small/medium repairs	119,475	Annual Theater Safety	Inspections and small/medium repairs	121,864	Annual Theater Safety	Inspections and small/medium repairs	124,301	Annual Theater Safety	Inspections and small/medium repairs	126,787	
Inspection Bleachers, Backstops etc	101,554	Annual Gym Safety	Inspection Bleachers, Backstops etc	103,585	Annual Gym Safety	Inspection Bleachers, Backstops etc	105,657	Annual Gym Safety	Inspection Bleachers, Backstops etc	107,770	
General upgrades	107,527	ADA	General upgrades	109,678	ADA	General upgrades	111,871	ADA	General upgrades	114,109	
Address system wide as they arise	119,475	Indoor Air Quality	Address system wide as they arise	121,864	Indoor Air Quality	Address system wide as they arise	124,301	Indoor Air Quality	Address system wide as they arise	126,787	
General grounds upkeep	143,369	Fields/Grounds	General grounds upkeep	146,237	Fields/Grounds	General grounds upkeep	149,162	Fields/Grounds	General grounds upkeep	152,145	
Replacements beyond Kitchens renovation program	143,595	Kitchen Equipment	Replacements beyond Kitchens renovation program	146,467	Kitchen Equipment	Replacements beyond Kitchens renovation program	149,396	Kitchen Equipment	Replacements beyond Kitchens renovation program	152,384	
General repairs	119,475	Concrete/Paving	General repairs	121,864	Concrete/Paving	General repairs	124,301	Concrete/Paving	General repairs	126,787	
HVAC Emergency Repairs Contingency beyond OPS	238,949	HVAC	HVAC Emergency Repairs Contingency beyond OPS	243,728	HVAC	HVAC Emergency Repairs Contingency beyond OPS	248,603	HVAC	HVAC Emergency Repairs Contingency beyond OPS	253,575	
HVAC Emergency Contingency/Controls beyond OPS	238,949	HVAC	HVAC Emergency Contingency/Controls beyond OPS	243,728	HVAC	HVAC Emergency Contingency/Controls beyond OPS	248,603	HVAC	HVAC Emergency Contingency/Controls beyond OPS	253,575	
General replacement/repair	71,685	Flooring	General replacement/repair	73,118	Flooring	General replacement/repair	74,581	Flooring	General replacement/repair	76,072	
Ad hoc needs by contractors	89,606	Painting	Ad hoc needs by contractors	91,399	Painting	Ad hoc needs by contractors	93,227	Painting	Ad hoc needs by contractors	95,091	
Major Upgrades - Various valves etc	143,369	Plumbing	Major Upgrades - Various valves etc	146,237	Plumbing	Major Upgrades - Various valves etc	149,162	Plumbing	Major Upgrades - Various valves etc	152,145	
Non-bond program repairs	179,212	Roofing	Non-bond program repairs	182,796	Roofing	Non-bond program repairs	186,452	Roofing	Non-bond program repairs	190,181	
Upkeep/Removals/Internal Room Modifications	225,232	Relocatables	Upkeep/Removals/Internal Room Modifications	229,737	Relocatables	Upkeep/Removals/Internal Room Modifications	234,332	Relocatables	Upkeep/Removals/Internal Room Modifications	239,019	
Contingency for unforeseens	225,232	General Reserve	Contingency for unforeseens	229,737	General Reserve	Contingency for unforeseens	234,332	General Reserve	Contingency for unforeseens	239,019	
TOTAL FROM LONG TERM PLAN:	4,877,630		TOTAL FROM LONG TERM PLAN:	5,462,639		TOTAL FROM LONG TERM PLAN:	5,074,686		TOTAL FROM LONG TERM PLAN:	5,683,329	
FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES		
Multiple TBD placeholder	1,464,011		Multiple TBD placeholder	1,493,291		Multiple TBD placeholder	1,523,157		Multiple TBD placeholder	1,553,620	
	6,341,641			6,955,930			6,597,844			7,236,949	
2031	2031	2032	2032	2033	2033	2033	2034	2034	2034	2034	
BOND FUNDED MAINTENANCE PROJECTS 2031			BOND FUNDED MAINTENANCE PROJECTS 2032			BOND FUNDED MAINTENANCE PROJECTS 2033			BOND FUNDED MAINTENANCE PROJECTS 2033		
New Roof- GUNSTON	3,500,000		New Roofs - LONG BRANCH & JAMESTOWN	6,000,000		New Roof - CLAREMONT	3,000,000		New Roof - TBS	3,000,000	
Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000	
	4,000,000			6,500,000			3,500,000			3,500,000	

Repurposing another South Arlington Elementary School location for MPSA

- This CIP focuses on projects that address current facility conditions and finding solutions within our current facilities to address capacity concerns.
- With Arlington County projected to add 38,100 new housing units between 2025 and 2050, particularly in South Arlington, it is crucial to proactively maintain sufficient educational facilities to accommodate this growth.
- Considering relocating MPSA to another location in South Arlington may exacerbate future overcrowding issues at our neighborhood elementary schools.
- MPSA's projected enrollment in 2026-27 is set to be 474 students
 - Repurposing an existing neighborhood school in S. Arlington for MPSA would impact all neighborhood elementary schools south of Wilson Blvd.
- After moving MPSA into a neighborhood elementary school, each neighborhood boundary would need to be adjusted based on the school's building design capacity.
 - Current boundary policy is under review, and a key consideration in future boundary changes is maintaining stability.

SY2026-27 Neighborhood Elementary School Permanent Seat Projections based on Building Design Capacity



Source: Capacity Utilization Tables, School Years 2023-24 to 2033-34

Spring 2024 Schedule

2024	School Board Meetings and APS Activities
May 16	School Board Info – Superintendent Proposed FY 2025-34 CIP
May 30	School Board Work Session #1-3 on the Superintendent’s Proposed FY 2025-34 CIP
June 4	Joint Work Session with School Board and County Board at 3:00 pm
June 4	School Board Work Session #4 with the Advisory Council on School Facilities and Capital Programs (FAC)/ Joint Facilities Advisory(JFAC) at 6:30 p.m.
June 6	School Board’s Proposed FY 2025-2034 CIP
June 11	Public Hearing - School Board’s Proposed FY 2025-2034 CIP
June 20	Action Item - School Board’s Proposed FY 2025-2034 CIP
Nov. 5	Arlington Residents Vote on the School Bond Referendum

I move that the School Board adopt the FY 2025-2034 Capital Improvement Plan (CIP) with funding details as presented in Attachment A at the June 20, 2024, School Board meeting which will be made part of the official record.

The CIP:

- Completes the remaining 4 Entrance Renovations/Security Vestibules by December 2024,
- Completes the renovation of kitchens at 6 schools to meet current standards, by December 2026,
- Completes the modernization of the Enterprise Resource Planning (ERP) System,
- Replaces Synthetic Turf fields at 6 schools and converts a Kenmore Field to Synthetic Turf,
- Completes the Heights, with a Phase 2 project making the campus universally accessible, and
- Completes Phases 1-3 of the Grace Hopper Center Campus to include a new, universally designed facility which offers state-of-the-art spaces to support current and new program instruction, parking structure, field and site work, by December 2027.

I also move that the School Board direct the Superintendent to

- Prioritize ongoing renovations of existing APS school facilities by executing the Long-Range framework and data recommendations, as appropriate, beginning with identified major infrastructure projects at 5 schools,
- Renovate the legacy Career Center building for the relocation of the Montessori Public School of Arlington(MPSA) in alignment with **Option #2** standards and educational specifications, for opening of SY 2028-29,
- Demolish current MPSA facility, after program relocation, completing the Grace Hopper Center campus with green space, and
- Upgrade Critical Notification/Public Address Systems at 11 schools.

I also move that the School Board direct the Superintendent to prepare for the FY 2027-36 CIP by

- Conducting Feasibility studies for **five (5) facilities**, Thomas Jefferson MS, Taylor ES, Barrett ES, Swanson MS, Randolph ES, based on the Long-Range Plan to Renovate Existing Facilities' Methodology, and
- Continuing the joint optimization study of the Trades Center with Arlington County to further inform a plan for full electrification of APS school buses, APS white fleet, and County fleet, while improving site safety and efficiency of operations at this shared County and APS site.

Finally, I move that the School Board approve to

Allow staff to encumber funds as needed to complete the projects in the funding timeline provided in the FY 2025-34 CIP. School Board approval will be sought as required by the Procurement Resolution for professional or non-professional services fees or construction contract awards over \$500,000.

School Board Proposed FY 2025-34 Capital Improvement Plan (CIP)

Action Item
June 20, 2024

All Arlington Public Schools (APS) budget and operations decisions are based on the best information available at the time. Staff and community members are reminded that funding forecasts from Arlington County and the state may change, based on many external factors. Similarly, student enrollment and projections are based on the best available information, but are also subject to change due to employment, housing and other economic factors. For these reasons, APS and the Arlington School Board may adjust future budget allocations, staffing and other operations decisions to reflect the existing community and operating landscape.

School Board Proposed FY 2025-34 Capital Improvement Plan (CIP)

All Arlington Public Schools (APS) budget and operations decisions are based on the best information available at the time. Staff and community members are reminded that funding forecasts from Arlington County and the state may change, based on many external factors. Similarly, student enrollment and projections are based on the best available information, but are also subject to change due to employment, housing and other economic factors. For these reasons, APS and the Arlington School Board may adjust future budget allocations, staffing and other operations decisions to reflect the existing community and operating landscape.

Project Funding and Timeline

	Proposed FY 2025-34 10 Year Capital Improvement Plan (all \$ in millions)												
	Previously Approved	Proposed FY 2025	Projected FY 2026	Projected FY 2027	Projected FY 2028	Projected FY 2029	Projected FY 2030	Projected FY 2031	Projected FY 2032	Projected FY 2033	Projected FY 2034	Projected Total	Project Grand Total (Projected and Previously Approved)
Funding Sources													
Bond Funding	\$110.96	\$89.93	\$31.43	\$76.15	\$58.57	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$556.08	\$667.04
Capital Reserve ¹	\$4.10	\$4.74	\$0.33	\$0.30	\$0.82	\$0.33		\$0.62	\$1.38	\$1.70	\$0.19	\$10.41	\$14.51
Operating/MC/MM-Other	\$6.36	\$3.17										\$3.17	\$9.53
Funding Total	\$121.42	\$97.84	\$31.76	\$76.45	\$59.39	\$50.33	\$50.00	\$50.62	\$51.38	\$51.70	\$50.19	\$569.66	\$691.08
Project Allocation (Projection)													
Division Wide													
Enterprise Resource Planning (ERP) System	\$10.08	\$1.92										\$1.92	\$12.00
Long Range Implementation/Execution Plan - Facilities ²				\$39.56	\$39.94	\$37.00	\$38.40	\$37.80	\$37.20	\$36.60	\$35.90	\$302.40	\$302.40
Improvements At Existing Facilities													
Major Infrastructure Projects	\$4.55	\$15.10	\$9.50	\$10.00	\$10.50	\$11.00	\$11.60	\$12.20	\$12.80	\$13.40	\$14.10	\$120.20	\$124.75
Critical Notification/Public Address Systems Replacements		\$0.73	\$0.33	\$0.30	\$0.46	\$0.33						\$2.15	\$2.15
Kenmore field conversion to synthetic turf (APS share)		\$2.44										\$2.44	\$2.44
Synthetic Field turf replacement (APS share) ³					\$0.35			\$0.62	\$1.38	\$1.70	\$0.19	\$4.24	\$4.24
Career Center Campus													
Career Center building ⁴	\$101.65	\$62.17	\$11.18									\$73.35	\$175.00
Move MPSA into refreshed ACC building (Option Two)			\$10.75	\$26.59	\$8.13							\$45.47	\$45.47
Demolish MPSA; green space						\$2.00						\$2.00	\$2.00
Kitchen and Entrance Renovation Program													
Barrett/Carlin Springs Kitchens	\$3.05	\$4.65										\$4.65	\$7.70
Science Focus/Ashlawn Kitchens	\$1.29	\$6.83										\$6.83	\$8.12
Planning													
Study existing facilities	\$0.80	\$4.00										\$4.00	\$4.80
Trade Center Optimization/Bus Electrification TBD													
Allocation Projections Total	\$121.42	\$97.83	\$31.76	\$76.45	\$59.39	\$50.33	\$50.00	\$50.62	\$51.38	\$51.70	\$50.19	\$569.64	\$691.06

Color coding in the chart above corresponds with the bond referendum year in which it would be approved by the voters as shown on the line "Bond Referenda Amounts" below (e.g., figures in orange above would be in the 2024 referendum).

Debt Service Ratio is calculated based on the FY 2025 Superintendent's proposed budget and County-provided revenue projections through FY 2034

	2024 Referendum	2026 Referendum	2028 Referendum	2030 Referendum	2032 Referendum					
BOND REFERENDA AMOUNTS	\$83.98	\$100.00	\$100.00	\$100.00	\$100.00					
Debt Service Ratio Target ≤9.8%	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
Debt Service Ratio - APS	8.13%	8.13%	8.24%	8.38%	8.47%	8.54%	8.58%	8.52%	8.36%	7.91%
Annual Bond Issuance	\$89.93	\$31.43	\$76.15	\$58.57	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
Annual APS Debt Service Increase	\$2.56	\$1.62	\$2.70	\$3.07	\$2.68	\$2.54	\$2.42	\$1.46	\$0.45	(\$2.51)

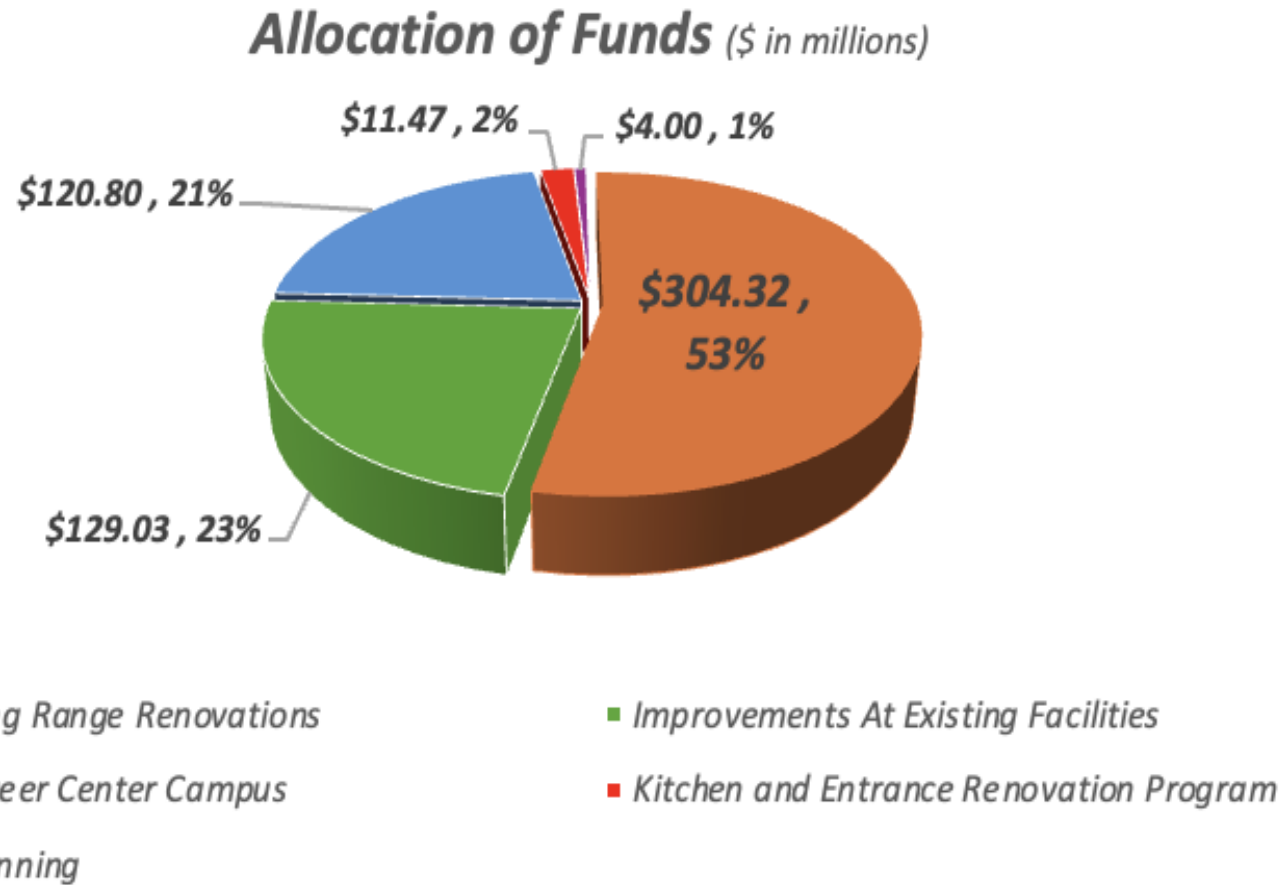
¹ Capital Reserve funds are shown in italic.

² Funding amounts are PLACEHOLDERS ONLY based on the \$50 million per year for APS as directed by the County Manager's Office.

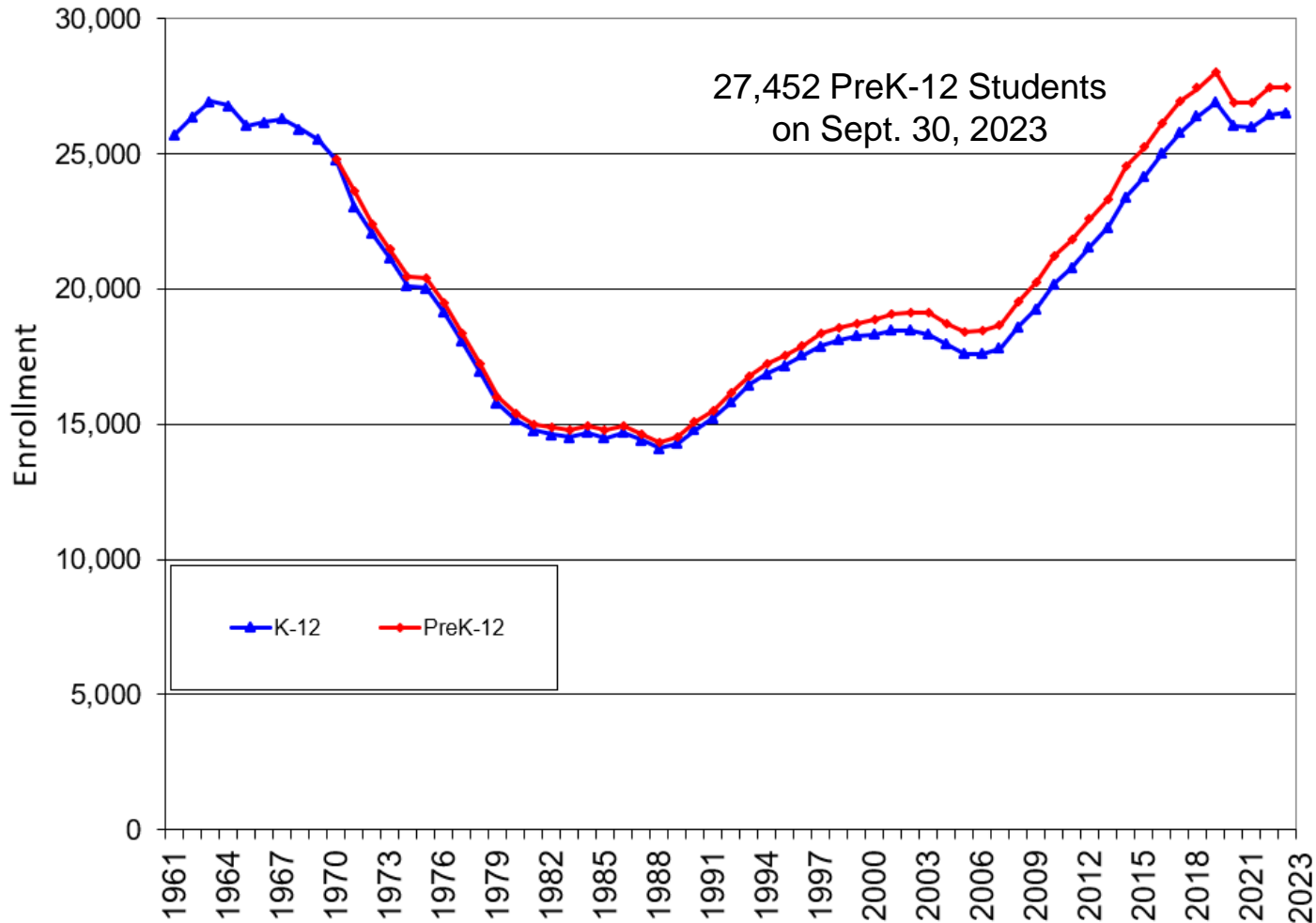
³ Future Synthetic Field Replacements are proposed to be funded by Capital Reserve.

⁴ FY 2025, includes \$28.18M already included in the FY 2022 bond referendum and \$1.25M is funded by Operating Fund; for FY 2026 \$11.18 was also included in FY 2022 Referendum

Allocation of Funds



Total K-12 and PreK-12 Enrollment September 30, 1961-2023



Enrollment may be leveling off

- Between Sept. 30, 2022, and 2023, PreK-12 enrollment was flat (*declined by three students*)
- APS enrollment trends are still emerging from pandemic impacts and might still experience fluctuations

FY 2025-34 CIP Projects

CONTINUED INVESTMENTS IN PROJECTS FROM FY 2023-32 CIP

SB CIP DIRECTION	SUPERINTENDENT'S CIP GOALS	SUPERINTENDENT'S PROPOSED FY 2025-34 CIP	CIP PROJECT TYPE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Major Infrastructure 	Infrastructure
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Kitchen & Security Vestibule Renovations, Enterprise Resource Planning (ERP) System Modernization, The Heights, Phase II, and The Career Center Campus Project 	Ongoing
No	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Public Address System 	Infrastructure
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Synthetic Turf Projects 	APS and County Joint Initiatives

FY 2025-34 CIP Projects

PROPOSED NEW PROJECTS FOR FY 2025-34 CIP

SB CIP DIRECTION	SUPERINTENDENT'S CIP GOALS	SUPERINTENDENT'S PROPOSED FY 2025-34 CIP	CIP PROJECT TYPE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Major Infrastructure 	Infrastructure
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Feasibility studies for 3 – 5 facilities based on the Long-Range Plan to Renovate Existing Facilities' Methodology 	New
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Relocate MPSA into the legacy Career Center building with options for three different price points not to exceed \$45M Demolish current MPSA facility after relocation and complete campus with green space 	New
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Synthetic Turf Projects Trades Center Optimization 	APS and County Joint Initiatives

Projects Continued from FY 2023-32 CIP

All Arlington Public Schools (APS) budget and operations decisions are based on the best information available at the time. Staff and community members are reminded that funding forecasts from Arlington County and the state may change, based on many external factors. Similarly, student enrollment and projections are based on the best available information, but are also subject to change due to employment, housing and other economic factors. For these reasons, APS and the Arlington School Board may adjust future budget allocations, staffing and other operations decisions to reflect the existing community and operating landscape.

Major Infrastructure

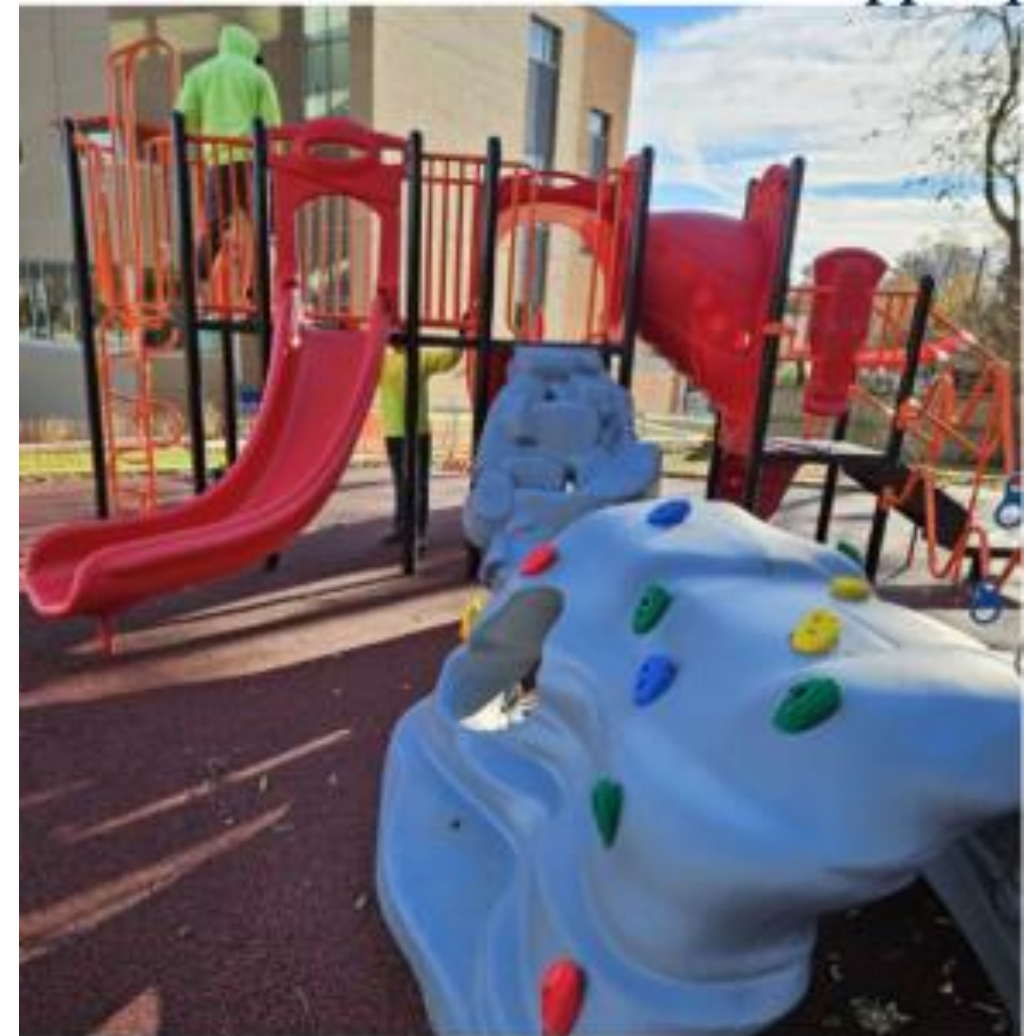
Kitchens and
Entrances/Security
Vestibules Renovations

Enterprise Resource
Planning (ERP) System
Modernization

The Heights-Phase 2

Grace Hopper Center and
Career Center Campus
Project

Synthetic Turf Field
Replacement/Conversion
Projects



Cardinal Elementary Playground

Ongoing capital program for major building systems replacements that have reached the end of serviceable life (e.g., HVAC, electrical and lighting, and building envelope - roofing and windows).

Ongoing Projects

- Barcroft HVAC replacement (partially grant funded)
- Escuela Key roof replacement (planned May 2024)



Wednesday, November 8, 2023
158° S

Randolph Roof Replacement Project Fall 2023

Complete upgrades so all schools meet current standards.

- Standardizing kitchens with appropriate on-site food storage and preparation space, providing a minimum of two lunch lines to serve more students in less time
- Creating security entrances to ensure visitors check in at the main office



Entrances

Completed by December
2024

- Glebe
- Oakridge
- TJMS
- Claremont

Kitchens

Completed by December 2026

- Barcroft
- Drew
- Barrett
- Carlin Springs
- Ashlawn
- Science Focus

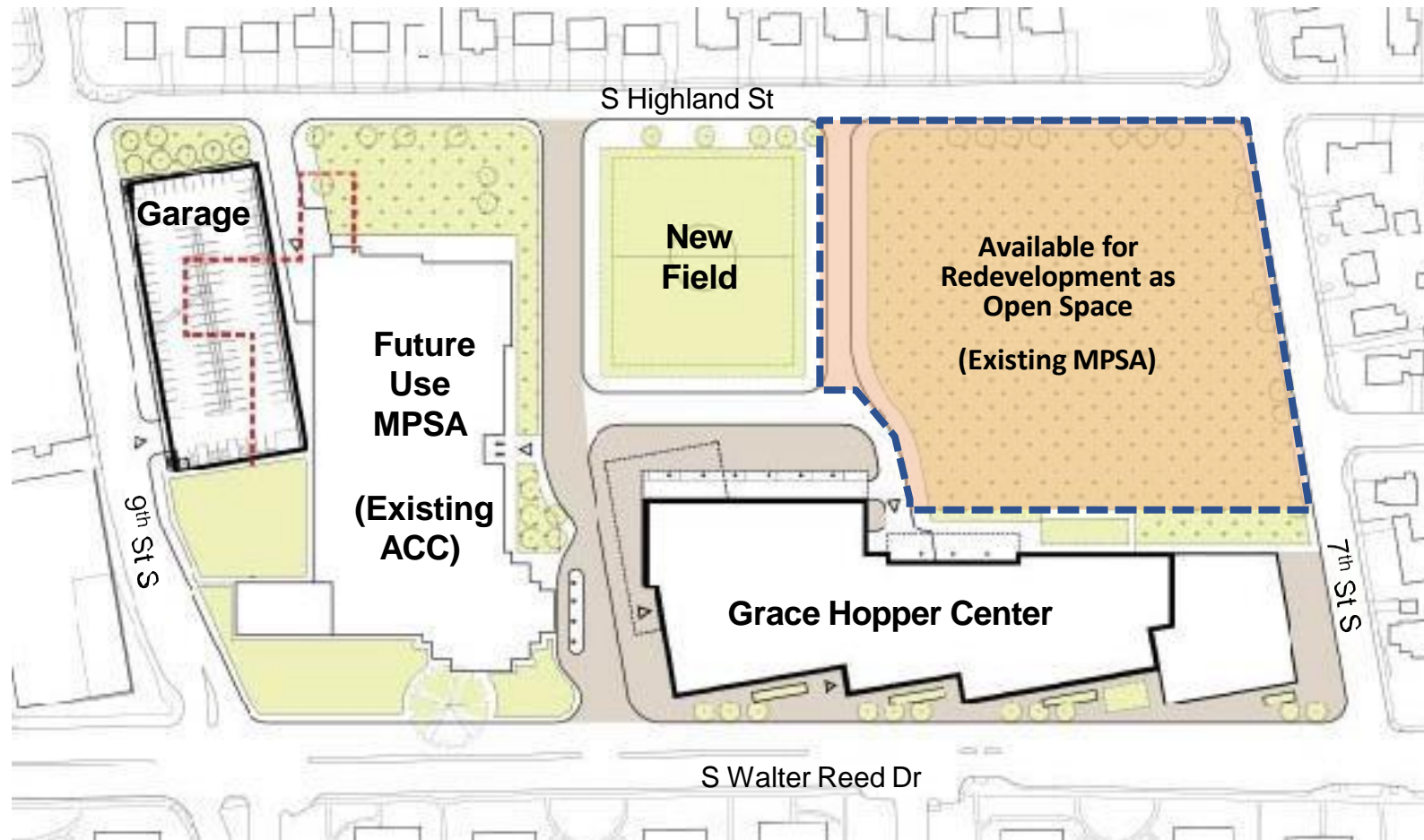
- The ERP system is known within APS as STARS.
- STARS was implemented in 2005.
- Oracle is phasing out support for APS' current ERP platform.
- Movement to the Oracle Fusion Cloud.
- Modernization, which will take place over the next three years, will:
 - Helps APS remain in regulatory compliance,
 - Improves how we serve stakeholders, and
 - Proactively improves operational efficiencies.



FY 2023–32 CIP includes funding for this project which provides/completes a **universally accessible campus** with the following:

- A path to a main entrance adjacent to the Shriver Program,
- Convenient accessible parking for staff and visitors, immediately adjacent to a building entrance,
- Off-street parent pick-up/drop-off, and
- A new synthetic turf field.
- Construction to be completed by December 2024 (winter break).

Long-Term Use of the Career Center Campus



FY 2023–32 CIP includes funds for ACC Project with capacity for 1,619 students

- Fall, 2026 – new ACC completed
- April 2027 – parking structure and field completed

Grace Hopper Center Project

- The new facilities will offer state-of-the-art spaces to support current and new full-time and part-time programs.
- Arlington Tech will have the capacity to expand as envisioned when the program was established a decade ago.
- Dedicated spaces for Career and Technical Education will accommodate courses for 300 students per block period, three times per day, with room for growth to meet the demand from full-time students at other APS high schools.
- Full-time students will have access to a library, physical education facilities, and other spaces similar to those in other APS secondary schools.
- The facility is designed to be universally accessible.





Wakefield HS Synthetic Turf Replacement Project Early Winter 2022

APS and DPR replace synthetic turf fields on a schedule through a cost sharing agreement.

Upcoming Projects Continued from FY2023-32 CIP. Planned for FY2025.

- Greenbrier Stadium Field (Yorktown HS)
- Thomas Jefferson MS (TJMS) Lower Field

FY 2025-34 CIP Proposed New Projects



Oakridge Elementary



Williamsburg Middle

Proposed Projects identified in the Long-Range Plan:

- **Hoffman-Boston HVAC Replacement** (possible adds from long range - roof, HVAC controls, water heater, communications wiring)
- **Dorothy Hamm Roof Replacement**
- **Oakridge HVAC Replacement**
- **Williamsburg Roof Replacement**(possible adds from long range - roof, HVAC controls, water heater, communications wiring)
- **Jamestown HVAC and Roof Replacement**(possible adds from long range - roof, HVAC controls, water heater, communications wiring)

- **Schools Identified**
 - Thomas Jefferson Middle School
 - Taylor Elementary School
 - Barrett Elementary School
 - Swanson Middle School
 - Randolph Elementary School



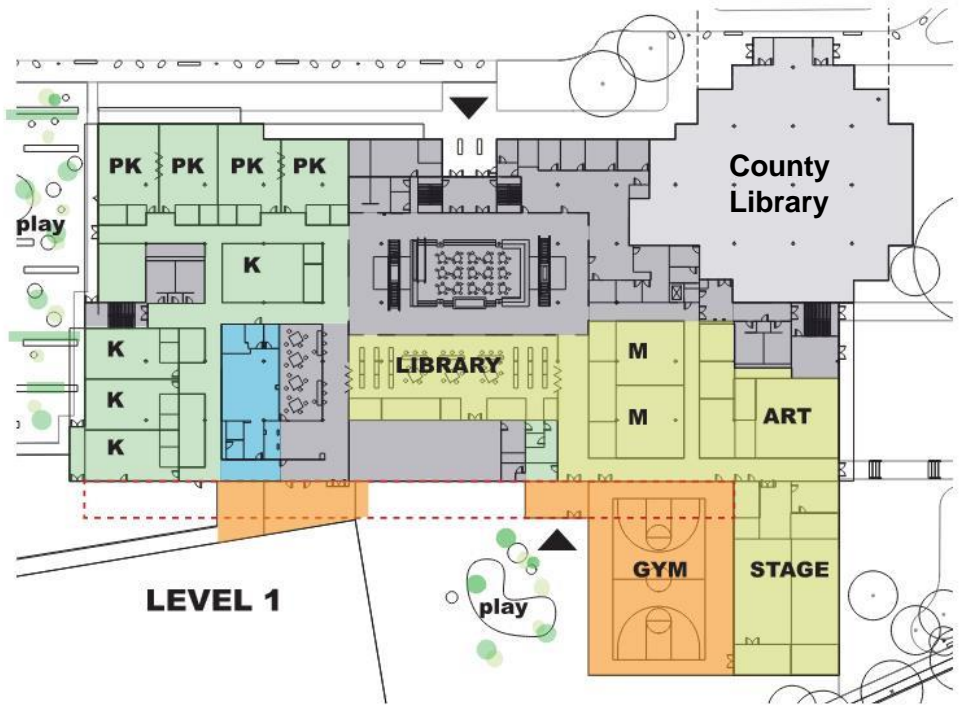
Educational Specification: 625 students

- Proposes a “medium” level of renovation to accommodate the MPSA program.
- Proposes removing the existing mezzanine structure that extends the length of the building in the east-west direction, allowing adjacent classrooms access to natural light.
- Includes a full-sized gymnasium addition and utilizes the old TV studio as a stage adjacent to the gym.
- Utilizes some of the existing ACC classrooms, therefore the classroom sizes vary, with five classrooms would not having access to natural light.
- *Recently renovated spaces remain available for future use and can accommodate an additional 150 students.*

MPSA Relocation- Option #2: Recommended

OPTION 2 - MEDIUM WORK - \$\$

¢ \$ \$\$ \$\$\$ new kitchen



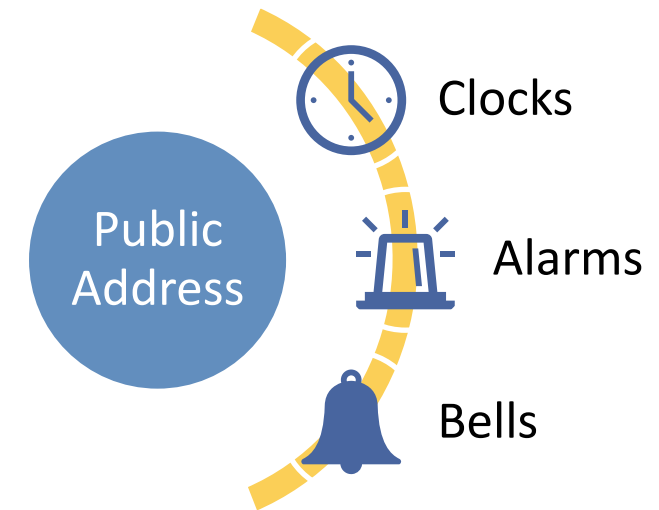
- ✓ PK/K/1 classrooms with toilet
- ✓ PK and 1 classrooms stacks for plumbing
- ✓ library adjacent to dining + commons
- ✓ secondary entrance

- ✓ proper size gym and stage
- ✗ 5 classrooms don't have exterior windows
- ✗ classroom sizes vary



School Upgrades: Critical Notification/Public Address Systems Replacements

- Hoffman Boston
- Jamestown
- Ashlawn
- Kenmore
- Glebe
- Yorktown
- Thomas Jefferson
- Key
- Science Focus
- Innovation
- Arlington Traditional





Washington-Liberty Synthetic Turf Replacement Project Early Winter 2024

Synthetic Turf Projects

APS and DPR replace synthetic turf fields on a schedule through a cost sharing agreement.

Upcoming New Projects

- FY 2025 – Kenmore Field Conversion
- FY 2028 – Gunston MS Field

Trade Center Optimization

- Plan for full electrification of APS school buses, APS white fleet, and County fleet.
- Improve efficiency of operations at shared County and APS site that supports 8 distinct trade center programs and operations.
- Improve site safety.
- Provide adequate parking for staff.



School Board Proposed FY 2025-34 Capital Improvement Plan (CIP)

Action Item
June 20, 2024

All Arlington Public Schools (APS) budget and operations decisions are based on the best information available at the time. Staff and community members are reminded that funding forecasts from Arlington County and the state may change, based on many external factors. Similarly, student enrollment and projections are based on the best available information, but are also subject to change due to employment, housing and other economic factors. For these reasons, APS and the Arlington School Board may adjust future budget allocations, staffing and other operations decisions to reflect the existing community and operating landscape.

Appendices

Additional Details and Cost for
Projects Presented in the Proposed FY 2025-34 CIP

Accounting for Uncertainty

- All proposed project funding includes monies set aside for:
 - Escalation/Inflation - anticipated increases in construction costs
 - Contingency – unplanned/unforeseen conditions
- Given current market conditions of atypical rising construction costs, the proposed project funding was adjusted to increase both the per annum escalation rate and contingency amounts.
- The adjustments provide additional flexibility in mitigating future uncertainty.

Debt Service Schedule for 10-Year CIP

<i>Fiscal Year</i>	<i>Total Debt</i>	<i>Difference from Prior Year</i>	<i>Annual Debt Service Growth</i>	<i>General Expenditures</i>	<i>Debt Service as % of Total Expenses</i>
FY2024	64,649,439	4,792,614	8.01%	\$797,815,899	8.10%
FY2025	67,207,104	2,557,665	3.96%	\$826,191,956	8.13%
FY2026	68,822,618	1,615,515	2.40%	\$846,846,755	8.13%
FY2027	71,521,910	2,699,292	3.92%	\$868,017,924	8.24%
FY2028	74,595,134	3,073,224	4.30%	\$889,718,372	8.38%
FY2029	77,279,363	2,684,230	3.60%	\$911,961,331	8.47%
FY2030	79,824,075	2,544,712	3.29%	\$934,760,364	8.54%
FY2031	82,243,374	2,419,299	3.03%	\$958,129,374	8.58%
FY2032	83,702,073	1,458,699	1.77%	\$982,082,608	8.52%
FY2033	84,147,752	445,679	0.53%	\$1,006,634,673	8.36%
FY2034	81,637,083	(2,510,669)	-2.98%	\$1,031,800,540	7.91%
FY2035	80,687,073	(950,010)	-1.16%	\$1,057,595,553	7.63%
FY2036	76,664,718	(4,022,356)	-4.99%	\$1,084,035,442	7.07%
FY2037	72,584,333	(4,080,385)	-5.32%	\$1,111,136,328	6.53%
FY2038	66,483,065	(6,101,268)	-8.41%	\$1,138,914,737	5.84%

Details

- Current ERP platform originally implemented in 2005
- Oracle is phasing out support for the current ERP platform
- Project will take approximately 34 months
 - Phase 0 – Discovery and RFP Phase (5 months)
 - Phase 1 – Core Function Migration (est. 15 months) - currently underway
 - Phase 2 – Additional Enhancements (est. 14 months)
- Modernizing the ERP system will cost an estimated \$4M per year for the next 3 years (FY 23-25)

Funding

- Sources: \$3.66M in grant funding; \$3.72M earmarked from non- bond funded Capital Reserves; \$2.7M funded from FY 23 Closeout; Additional \$1.92M needs to be funded.

Projects Continued from FY 2023-32 CIP

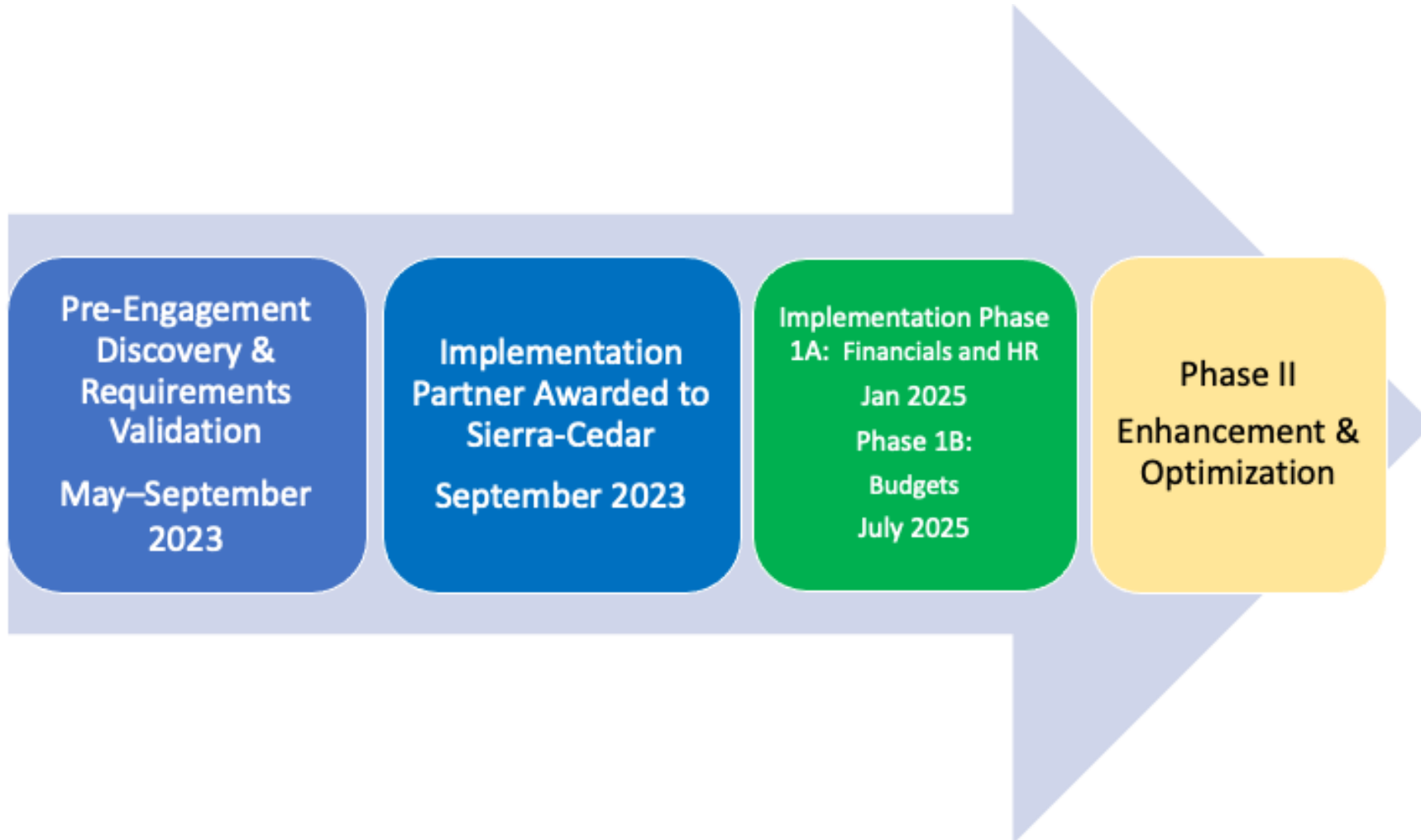
Rationale for Upgrading STARS

The current Enterprise Resource Planning system (ERP/"STARS"), was implemented almost 20 years ago. Oracle phased out support for the current E-Business Suite and regular support for the existing ERP system in December 2021.

STARS must be upgraded to:

- stay in regulatory compliance and match best practices in the industry
- improve how we serve all stakeholders
- proactively improve operational efficiencies.

STARS Upgrade Update



STARS Modernization Status Update: Award to Design Stage

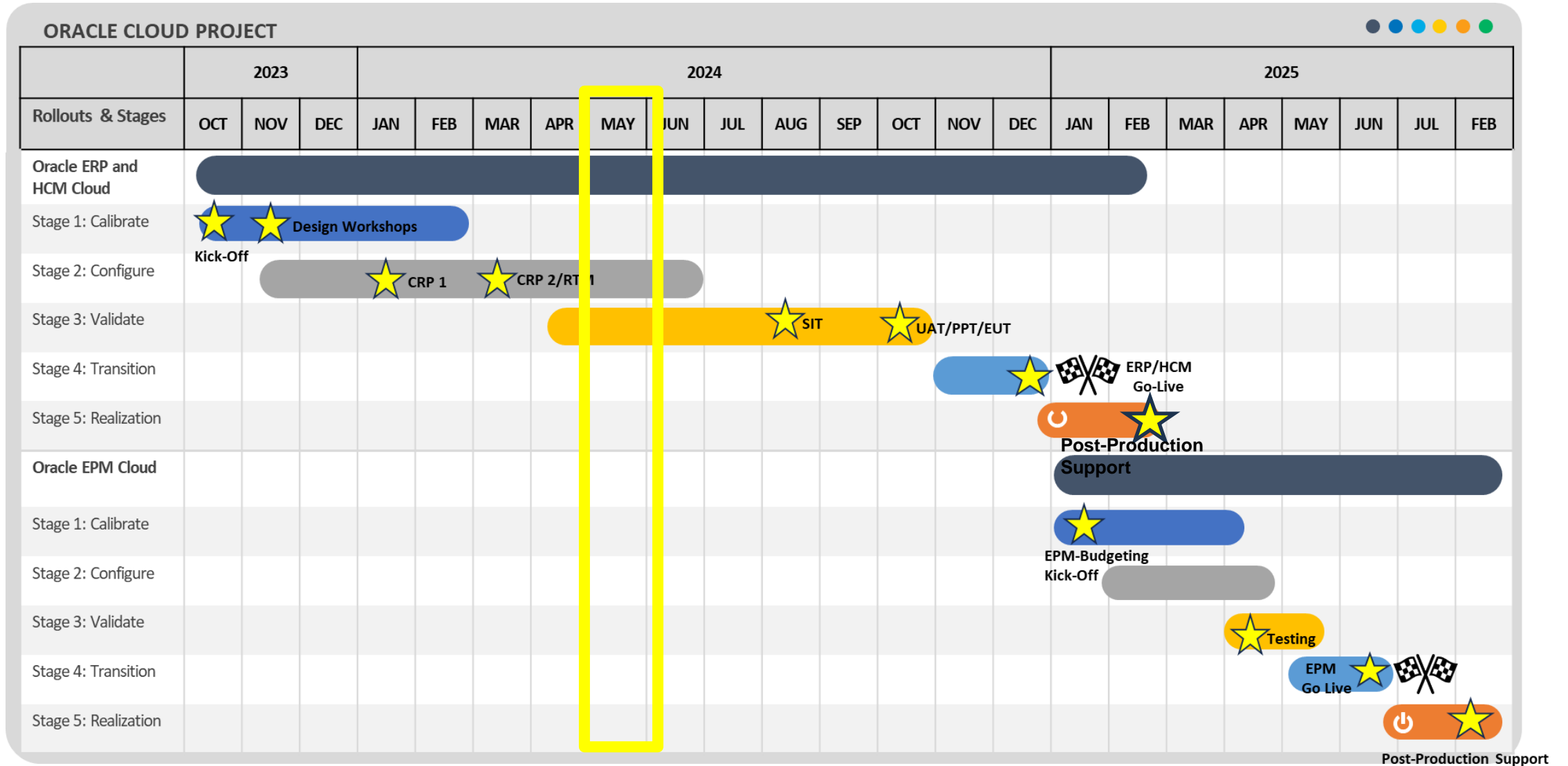
Current Implementation Work: November 2023-Current

- **Design:** Deep dive into business requirements and current and future business workflows with the APS functional team
- **CRP 1:** Review of vendor’s proposed solutions for the initial business requirements and workflows by APS functional team
- **CRP 2:** Confirms the functional design as discussed in design workshops and input from CRP 1
- **SIT:** End-to-end testing of solutions reviewed during CRP2 and detailed design workshops.

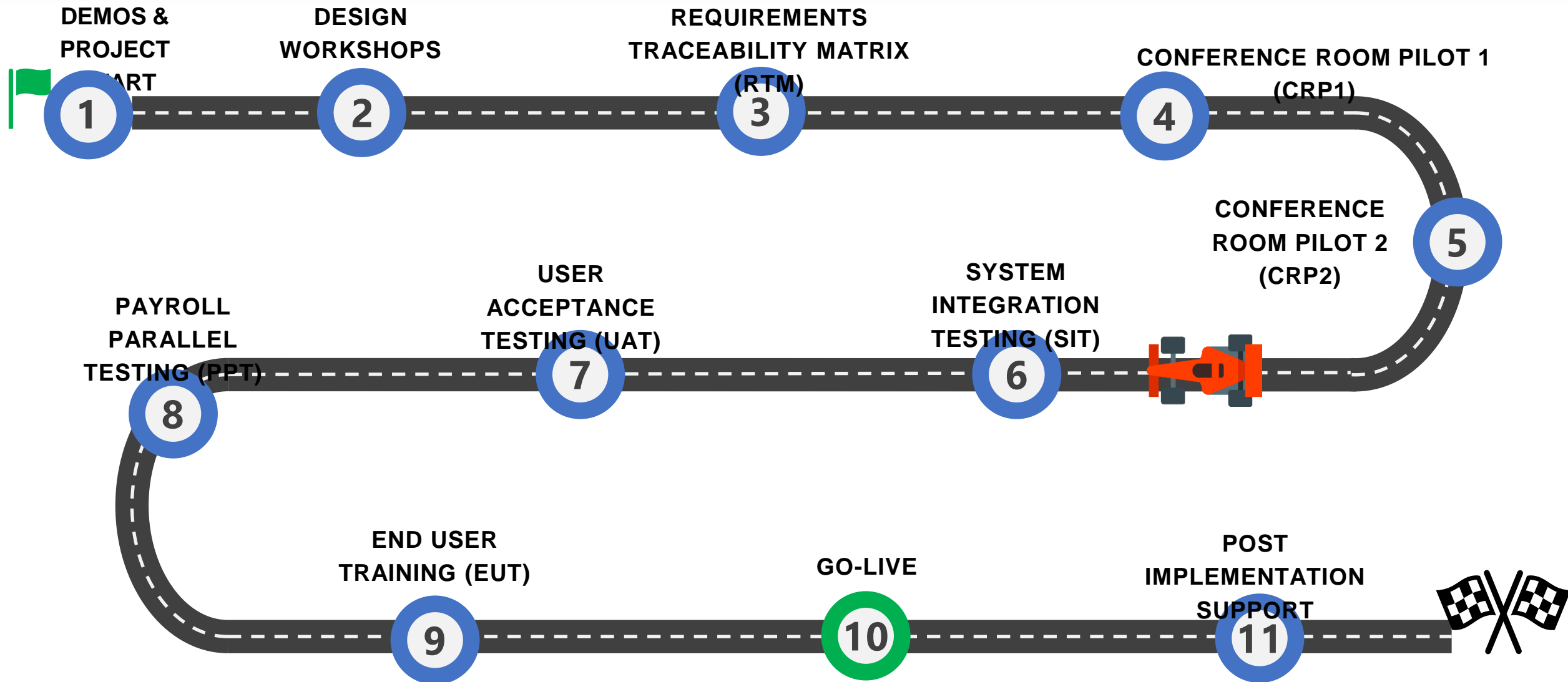
Level of Effort of APS Staff: November 2023 – April 2024

Design, CRP 1, CRP 2	TOTAL APS Staff Hours (Depts of Finance, HR & IS)	TOTAL SESSIONS	SESSIONS COMPLETED	PERCENTAGE COMPLETED
Finance	4,388	73	73	100%
Human Resources	4,846	70	70	100%
Total	9,234	143	143	100%

APS STARS Modernization LifeCycle



APS STARS Modernization Current Location on the Project Roadmap



Major Infrastructure Projects

Note: projects beyond those listed in the Major Infrastructure Projects overview slide (#17) will be influenced by the Long-Range Plan to Renovate Existing School Facilities

Details

- Funds various system replacement projects that include, but are not limited to, HVAC, electrical and lighting, and building envelope (roofing and windows).
- Often requires scheduling when building is empty and is executed by non-APS Contractors.
- Work may be staged and funded over several years.

Funding

- Annual major infrastructure bond funding allocation.
- Funding increases each year to account for inflation.

Renovations: Kitchens and Entrances/Security Vestibules

Details

- The FY 2022-24 CIP listed funding for several groups of projects. To permit greater flexibility administering the improvements, this CIP establishes a single line item for the **Kitchen and Entrance/Security Vestibule Renovation Program** with dedicated funding.
- Claremont entrance added; was unintentionally omitted from the FY 2022-24 CIP.
- Completion timeline was based on priorities established by Safety, Security, Risk and Emergency Management, and Food and Nutrition Services staff.

Infrastructure/Capital Reserve Funding

- Total funding for the program increased compared to what was included in previously adopted CIPs.
- The increase in estimated project costs is attributed to current market condition escalation, delays due to supply chain concerns, and the addition of a new facility (Claremont).

Security Entrances Projects Summary

Security Vestibules

- The projects listed were included in the existing FY 2023-32 CIP.
- The project status is as shown.

COMPLETED	IN PROCESS (EXPECTED COMPLETION Summer, 2024)
TAYLOR ES	CLAREMONT ES
LONG BRANCH ES	GLEBE ES
HOFFMAN BOSTON ES	OAKRIDGE ES
WILLIAMSBURG MS	THOMAS JEFFERSON MS
JAMESTOWN ES	
NOTTINGHAM ES	
TUCKAHOE ES	
ARLINTGON SCIENCE FOCUS ES	
CAMPBELL ES	
SWANSON MS	
WILLIAMSBURG MS	
KENMORE MS	
GUNSTON MS	
WASHINTGON-LIBERTY HS	
WAKFIELD HS	

Kitchen Projects Summary

- \$43M approved in the FY 2023-32 CIP for the security vestibules and kitchens.
- \$24.7M of the approved funding has been awarded to date.
- \$18.2M is available for: Drew; Barrett; Carlin Springs; Arlington Science Focus & Ashlawn.
- The 8 projects listed below are included in the existing FY2023-32 CIP.

COMPLETED	PLANNED (EXPECTED COMPLETION)	PENDING (EXPECTED COMPLETION)
SWANSON MS	RANDOLPH ES: (2025)	ARLINGTON SCIENCE FOCUS (2026)
CAMPBELL ES	DREW ES: (2025)	ASHLAWN ES (2026)
	BARRETT ES: (2025)	
	CARLIN SPRINGS ES: (2025)	

Builds new school for ACC, parking garage, and field

Capacity for 1,619 students, using concept design approved by School Board on April 28, 2022

Details

- Opens new school facility by Fall of 2026, parking garage by Fall of 2027 and field by Winter of 2027.
- Provides facility equivalent to other APS high school facilities.
- Increases available seats and curricular offerings not currently available to full-time ACC students.
- Dedicates a minimum of 300 seats for career and technical classes for students enrolled at other high schools - three times per day = 900 seats total.
- Allows for growth of the Arlington Tech program.
- Concept design included input from the BLPC and PFRC process.

Funding

- \$175 million
- Source: Bonds/Capital Reserve/Operating



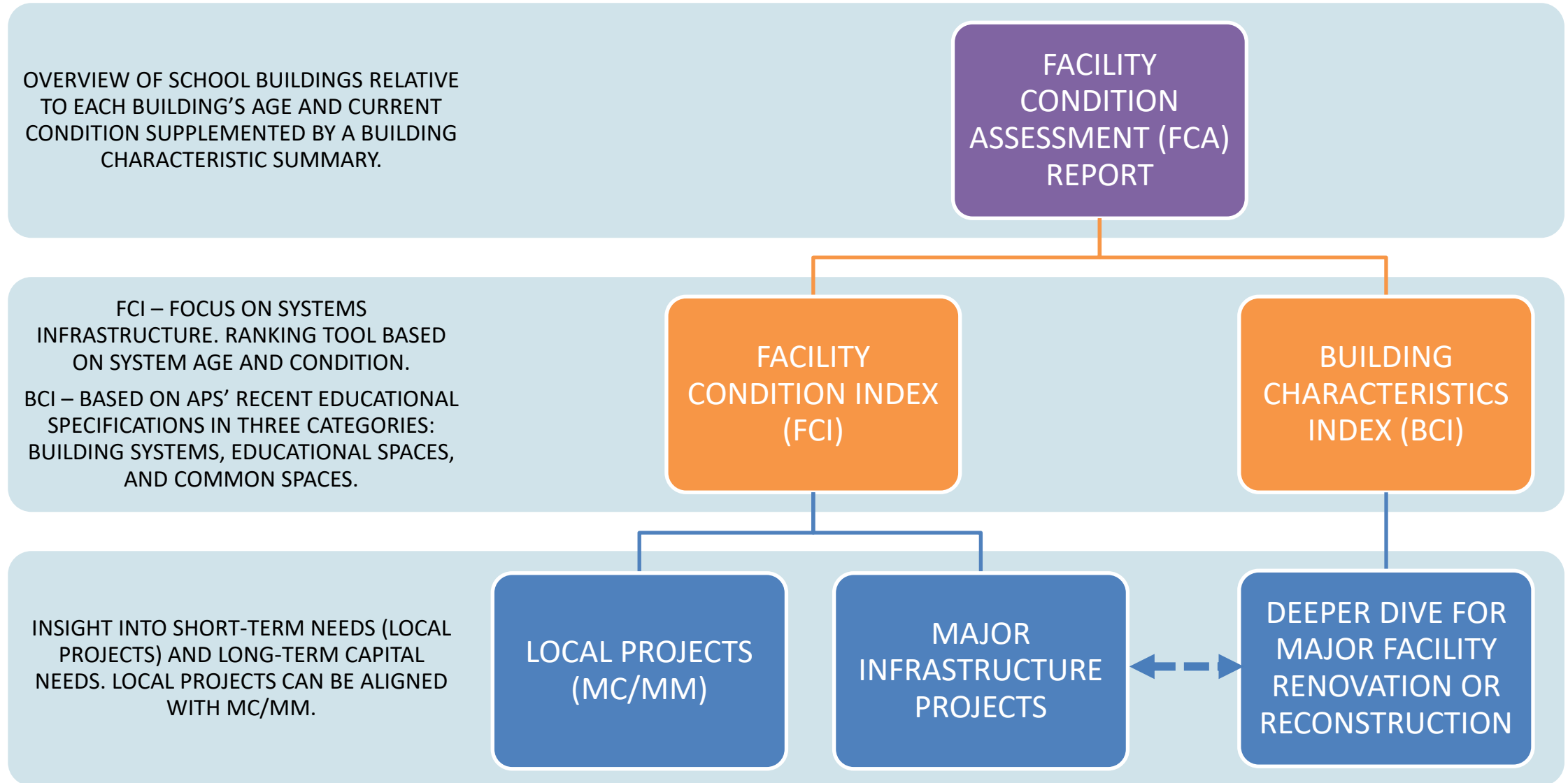
Approvals Needed:

- Building permit
- Civil Engineering Plan (CEP)
- Land Disturbance Permit (LDA)

Schedule:

- June 2024: Contractor receives Administrative Notice to Proceed (NTP).
- Upon receipt of county approvals: Contractor mobilizes to the site and begins construction.
- June 2026: Substantial Completion of Phase 1 (The new building).
- July 2026: Move equipment and staff boxes.
- August 2026: Staff setup.
- August 2026: Students arrive on campus.
- Spring 2027: Completion of Phase 2 (Parking structure).
- December 2027: Completion of Phase 3 (Fields and sitework).

FCA Report Structure and Contents



Summary of Findings

- The consulting team evaluated 41 buildings comprising over 5 million gross square feet. We found that the overall facility condition index (FCI) of the overall portfolio was 0.129 (on a scale of 0.0 to 1.00, 0 being best), which is considered an indicator of “good” overall facility condition.
- In the overall portfolio of 41 buildings; **32 buildings** were reported to be in “Good” condition; **8 buildings** in “Fair” condition; **1 building** in “Poor” condition mainly due to the condition of the roof which is being addressed in the proposed CIP.
- “Good” reflects the best possible rating category for FCI and generally indicates that facilities across the Arlington Public Schools system are in good condition.
- The FCI provides consistency for relative comparisons of condition and prioritizing capital expenditures among facilities, as well as important considerations in developing a long-term maintenance, repair, and renewal funding strategy for facilities.
- The near-term system replacements and project-based near-term needs (Local Projects) are often referred to as deferred maintenance or DM.

- Capital Needs < \$500,000
- Schedule – Over a fiscal year; analogous to MC/MM
- Disruption – Minimal/Localized

Local Projects



- Capital Needs < \$500,000 - \$15,000,000
- Schedule – 1 to 3 years
- Disruption – Medium, major disruptions planned over summer/winter breaks

Major Infrastructure



- Capital Needs > \$15,000,000
- Schedule – 3 to 5 years
- Disruption – Major, possible phasing required

Deep Dive



Major Infrastructure Projects Site Determination

- **Utilizing the Long-Range Plan**

- Prioritize projects based on FCI score, systems' remaining useful life (RUL), infrastructure type. *Facilities are not listed in any order of importance.*

Facility Site/Project	FCI _{AD}	FCI _{DM}	Facilities with greater number of RULs of 4 years or less and will have greater FCI scores
Hoffman-Boston HVAC Replacement*	0.164	0.200	Built-up Roof RUL=2; gas water heater RUL=3; heating system RUL=2; HVAC controls RUL=2; comm, alarm, tele wiring RUL=2
Dorothy Hamm Roof and HVAC Joint Replacement	0.149	0.048	Built-up Roof: RUL = 2; Standard Wall Finishes: RUL=3; Emergency Generator: RUL=7; Elevator: RUL=7; HVAC Controls RUL = 9;
Oakridge HVAC Replacement	0.176	0.247	Wall, floor and ceiling finishes RUL=3; Central Plant RUL=3; HVAC controls RUL=2; comm, alarm, tele wiring RUL=2
Williamsburg Roof Replacement*	0.190	0.342	Built-up Roof RUL=2; wall, floor and ceiling finishes RUL=3; HVAC controls RUL=2; Heating System RUL=2
Jamestown HVAC and Roof Replacement*	0.279	0.198	Built-up Roof RUL=2; ceiling finishes RUL=2; gas water heater RUL=2; Chiller RUL=3; HVAC controls RUL=2; comm, alarm, tele wiring RUL=2

*Possible adds from long range - roof, HVAC controls, water heater, communications wiring, etc.

MC/MM & Major Infrastructure 10-Year Proposed Plan

CATEGORIES	LONG TERM PLAN 2025 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2026 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2027 MCMM	\$ESTIMATE
Salary/Admin. Costs	Program Manager	159,135	Salary/Admin. Costs	Program Manager	162,318	Salary/Admin. Costs	Program Manager	165,564
	PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:	
Parking Lots	Renew Parking Lots - GUNSTON	150,000	Parking Lots	Renew Parking Lot - KENMORE	153,000	Parking Lots	Renew Parking Lot - HOFFMAN BOSTON	156,060
Parking Lots	Renew Parking Lots - RANDOLPH	150,000	Parking Lots	Renew Parking Lot - CAMPBELL	153,000	Small Synthetic Play	Renew Parking Lot - SCIENCE FOCUS	156,060
Small Synthetic Play	New Synthetic Surface - ATS (rear playspace)	350,000	Small Synthetic Play	New Synthetic Surface - TBD	357,000	Small Synthetic Play	New Synthetic Surface - TBD	364,140
Flooring	Main Gym Floor - SWANSON	206,000	Flooring	New Gym Floor - HOFFMAN BOSTON	210,120	Flooring	New Gym Floor - WASHINGTON-LIBERTY	214,322
Flooring	New Cafeteria/MPR Floor - HOFFMAN BOSTON	103,000	Flooring	New Multi-Purpose Room Floor- CLAREMONT	105,060	Flooring	New Multi-Purpose Room Floor- JAMESTOWN	107,161
Painting	Main areas one school - SWANSON	132,613	Painting	Main areas one school - OAKRIDGE	135,265	Painting	Main areas one school - CARLIN SPRINGS	137,971
Painting	Main areas one school - JAMESTOWN	132,613	Painting	Main areas one school - BARCROFT	135,265	Painting	Main areas one school - BARRETT	137,971
Flooring	General floorcoverings Uplift - SWANSON	212,180	Flooring	General floorcoverings Uplift - BARCROFT	216,424	Flooring	General floorcoverings Uplift - BARRETT	220,752
Playgrounds	New 5-12 CARLIN SPRINGS	265,225	Playgrounds	New 5-12 TAYLOR	270,530	Playgrounds	New 5-12 JAMESTOWN	275,940
Playgrounds	New 2-5 CARLIN SPRINGS	159,135	Playgrounds	New 2-5 TAYLOR (plus abandon outdated third one)	162,318	Playgrounds	New 2-5 JAMESTOWN	165,564
Playgrounds	Only 1 each type in 2025	-	Playgrounds	Only 2 of each in 2026	-	Playgrounds	New 2-5 TUCKAHOE	165,564
Playgrounds	Only 1 each type in 2025	-	Playgrounds	New 5-12 CLAREMONT	270,530	Playgrounds	Only 1 x 5-12 in 2027	-
Playgrounds	Only 1 each type in 2025	-	Playgrounds	New 2-5 CLAREMONT	162,318	Playgrounds	2 x 2-5 in 2027	-
Blacktop	Resurface Black Top play area - INNOVATION	150,000	Blacktop	Resurface Black Top play area - TBD	153,000	Blacktop	Resurface Black Top play area - TBD	156,060
Consulting Fees	Design Engineering for MC/MM projects	148,526	Consulting Fees	Design Engineering for MC/MM projects	151,497	Consulting Fees	Design Engineering for MC/MM projects	154,526
	PROGRAMS			PROGRAMS			PROGRAMS	
Annual Theater Safety	Inspections and small/medium repairs	106,090	Annual Theater Safety	Inspections and small/medium repairs	108,212	Annual Theater Safety	Inspections and small/medium repairs	110,376
Annual Gym Safety	Inspection Bleachers, Backstops etc	90,177	Annual Gym Safety	Inspection Bleachers, Backstops etc	91,981	Annual Gym Safety	Inspection Bleachers, Backstops etc	93,820
ADA	General upgrades	95,481	ADA	General upgrades	97,391	ADA	General upgrades	99,338
Indoor Air Quality	IAQ/Mold etc - Needs beyond OPS bud	106,090	Indoor Air Quality	Address system wide as they arise	108,212	Indoor Air Quality	Address system wide as they arise	110,376
Fields/Grounds	General grounds upkeep	127,308	Fields/Grounds	General grounds upkeep	129,854	Fields/Grounds	General grounds upkeep	132,451
Kitchen Equipment	Replacements beyond Kitchens renovation program	127,508	Kitchen Equipment	Replacements beyond Kitchens renovation program	130,058	Kitchen Equipment	Replacements beyond Kitchens renovation program	132,659
Concrete/Paving	General repairs	106,090	Concrete/Paving	General repairs	108,212	Concrete/Paving	General repairs	110,376
HVAC	HVAC Emergency Repairs Contingency beyond OPS bud	212,180	HVAC	HVAC Emergency Repairs Contingency beyond OPS	216,424	HVAC	HVAC Emergency Repairs Contingency beyond OPS	220,752
HVAC	HVAC Emergency Contingency/Controls beyond OPS bud	212,180	HVAC	HVAC Emergency Contingency/Controls beyond OPS	216,424	HVAC	HVAC Emergency Contingency/Controls beyond OPS	220,752
Flooring	General replacement/repair	63,654	Flooring	General replacement/repair	64,927	Flooring	General replacement/repair	66,226
Painting	Ad hoc needs by contractors	79,568	Painting	Ad hoc needs by contractors	81,159	Painting	Ad hoc needs by contractors	82,783
Plumbing	Major Upgrades - Various valves etc	127,308	Plumbing	Major Upgrades - Various valves etc	129,854	Plumbing	Major Upgrades - Various valves etc	132,451
Roofing	Non-bond program repairs beyond OPS bud	159,135	Roofing	Non-bond program repairs	162,318	Roofing	Non-bond program repairs	165,564
Relocatables	Upkeep/Removals/Internal Room Modifications	200,000	Relocatables	Upkeep/Removals/Internal Room Modifications	204,000	Relocatables	Upkeep/Removals/Internal Room Modifications	208,080
General Reserve	Contingency for unforeseens	200,000	General Reserve	Contingency for unforeseens	204,000	General Reserve	Contingency for unforeseens	208,080
	TOTAL FROM LONG TERM PLAN:	4,331,196		TOTAL FROM LONG TERM PLAN:	4,850,668		TOTAL FROM LONG TERM PLAN:	4,671,740
Last cycle this method:	PROJECTS FROM REQUESTS/TRADES		New Method begins:	FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES	
	Multiple TBD - Await Rankings & Total Allocation (est)	1,300,000		Multiple TBD placeholder	1,326,000		Multiple TBD placeholder	1,352,520
	Anticipated Total Allocation MCMM 2025	5,631,196			6,176,668			6,024,260
2025	2025	2025	2026	2026	2026	2027	2027	2027
	Non MCMM Maintenance Staff Initiatives							
	BOND FUNDED MAINTENANCE PROJECTS 2025			BOND FUNDED MAINTENANCE PROJECTS 2026			BOND FUNDED MAINTENANCE PROJECTS 2027	
				New Roof - ESCUELA KEY (Part II) all budgeted 25				
ROOFING BOND FUNDS	New Roof - ESCUELA KEY - Parts I & II	3,500,000	ROOFING BOND FUNDS	New Roof - WILLIAMSBURG	4,500,000	ROOFING BOND FUNDS	New Roof - DOROTHY HAMM	\$ 3,500,000
LIGHTING BOND	Lighting upgrade to LED - Location(s) TBD	500,000	LIGHTING BOND	Lighting upgrade to LED - Location(s) TBD	500,000	LIGHTING BOND	Lighting upgrade to LED - Location(s) TBD	\$ 500,000
HVAC BOND	Upgrade joints at DOROTHY HAMM (await proposal)	100,000						
BOND ANNUAL DEMAND		4,100,000			5,000,000			4,000,000
NB: Funding stream of APS Synthetic Sports Fields build/renewals shares will be determined annually by Finance/Budget staff.								

MC/MM & Major Infrastructure 10-Year Proposed Plan

LONG TERM PLAN 2028 MCM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2029 MCM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2030 MCM	\$ESTIMATE	CATEGORIES
Program Manager	168,875	Salary/Admin. Costs	Program Manager	172,253	Salary/Admin. Costs	Program Manager	175,698	Salary/Admin. Costs
PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:		
Renew Parking Lot - LONG BRANCH	159,181	Parking Lots	Renew Parking Lot - TBD	162,365	Parking Lots	Renew Parking Lot - TBD	165,612	Parking Lots
Renew Parking Lot - JAMESTOWN	159,181	Small Synthetic Play	Renew Parking Lot - TBD	162,365	Small Synthetic Play	Renew Parking Lot - TBD	165,612	Small Synthetic Play
New Synthetic Surface - TBD	371,423	Small Synthetic Play	New Synthetic Surface - TBD	378,851	Small Synthetic Play	New Synthetic Surface - TBD	386,428	Small Synthetic Play
New Gym Floor - CARLIN SPRINGS	218,609	Flooring	New Gym Floor - YORKTOWN	222,981	Flooring	New Gym Floor - TBD	227,441	Flooring
New Multi-Purpose Room Floor- GLEBE	109,304	Flooring	New Multi-Purpose Room Floor- OAKRIDGE	111,491	Flooring	New Multi-Purpose Room Floor- TBD	113,720	Flooring
Main areas one school - LONG BRANCH	140,730	Painting	Main areas one school - TUCKAHOE	143,545	Painting	Main areas one school - TBD	146,415	Painting
Main areas one school - TAYLOR	140,730	Painting	Main areas one school - RANDOLPH	143,545	Painting	Main areas one school - TBD	146,415	Painting
General floorcoverings JAMESTOWN	225,167	Flooring	General floorcoverings Uplift - OAKRIDGE	229,670	Flooring	General floorcoverings Uplift - TBD	234,264	Flooring
Only 1 x 5-12 in 2028		Playgrounds	New 5-12 NOTTINGHAM	287,088	Playgrounds	New 5-12 ESCUELA KEY	292,830	Playgrounds
New 2-5 RANDOLPH	168,875	Playgrounds	New 2-5 NOTTINGHAM	172,253	Playgrounds	New 2-5 ESCUELA KEY	175,698	Playgrounds
	-	Playgrounds	New 2-5 ASHLAWN	172,253	Playgrounds	Two 2-5 in 2030	-	Playgrounds
New 5-12 GLEBE	281,459	Playgrounds	2 x 2-5 in 2029	-	Playgrounds	Only 1 x 5-12 in 2030	-	Playgrounds
New 2-5 GLEBE	168,875	Playgrounds	Only 1 x 5-12 in 2029	-	Playgrounds	New 2-5 OAKRIDGE	175,698	Playgrounds
Resurface Black Top play area - TBD	159,181	Blacktop	Resurface Black Top play area - TBD	162,365	Blacktop	Resurface Black Top play area - TBD	165,612	Blacktop
Design Engineering for MC/MM projects	157,617	Consulting Fees	Design Engineering for MC/MM projects	160,769	Consulting Fees	Design Engineering for MC/MM projects	163,985	Consulting Fees
PROGRAMS			PROGRAMS			PROGRAMS		
Inspections and small/medium repairs	112,584	Annual Theater Safety	Inspections and small/medium repairs	114,835	Annual Theater Safety	Inspections and small/medium repairs	117,132	Annual Theater Safety
Inspection Bleachers, Backstops etc	95,697	Annual Gym Safety	Inspection Bleachers, Backstops etc	97,610	Annual Gym Safety	Inspection Bleachers, Backstops etc	99,563	Annual Gym Safety
General upgrades	101,325	ADA	General upgrades	103,352	ADA	General upgrades	105,419	ADA
Address system wide as they arise	112,584	Indoor Air Quality	Address system wide as they arise	114,835	Indoor Air Quality	Address system wide as they arise	117,132	Indoor Air Quality
General grounds upkeep	135,100	Fields/Grounds	General grounds upkeep	137,802	Fields/Grounds	General grounds upkeep	140,558	Fields/Grounds
Replacements beyond Kitchens renovation program	135,313	Kitchen Equipment	Replacements beyond Kitchens renovation program	138,019	Kitchen Equipment	Replacements beyond Kitchens renovation program	140,779	Kitchen Equipment
General repairs	112,584	Concrete/Paving	General repairs	114,835	Concrete/Paving	General repairs	117,132	Concrete/Paving
HVAC Emergency Repairs Contingency beyond OPS	225,167	HVAC	HVAC Emergency Repairs Contingency beyond OPS	229,670	HVAC	HVAC Emergency Repairs Contingency beyond OPS	234,264	HVAC
HVAC Emergency Contingency/Controls beyond OPS	225,167	HVAC	HVAC Emergency Contingency/Controls beyond OPS	229,670	HVAC	HVAC Emergency Contingency/Controls beyond OPS	234,264	HVAC
General replacement/repair	67,550	Flooring	General replacement/repair	68,901	Flooring	General replacement/repair	70,279	Flooring
Ad hoc needs by contractors	84,438	Painting	Ad hoc needs by contractors	86,127	Painting	Ad hoc needs by contractors	87,850	Painting
Major Upgrades - Various valves etc	135,100	Plumbing	Major Upgrades - Various valves etc	137,802	Plumbing	Major Upgrades - Various valves etc	140,558	Plumbing
Non-bond program repairs	168,875	Roofing	Non-bond program repairs	172,253	Roofing	Non-bond program repairs	175,698	Roofing
Upkeep/Removals/Internal Room Modifications	212,242	Relocatables	Upkeep/Removals/Internal Room Modifications	216,486	Relocatables	Upkeep/Removals/Internal Room Modifications	220,816	Relocatables
Contingency for unforeseens	212,242	General Reserve	Contingency for unforeseens	216,486	General Reserve	Contingency for unforeseens	220,816	General Reserve
TOTAL FROM LONG TERM PLAN:	4,765,175		TOTAL FROM LONG TERM PLAN:	4,860,479		TOTAL FROM LONG TERM PLAN:	4,957,688	
FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES		
Multiple TBD placeholder	1,379,570		Multiple TBD placeholder	1,407,162		Multiple TBD placeholder	1,435,305	
	6,144,745			6,267,641			6,392,993	
	2028	2028	2029	2029	2030	2030	2030	2031
BOND FUNDED MAINTENANCE PROJECTS 2028			BOND FUNDED MAINTENANCE PROJECTS 2029			BOND FUNDED MAINTENANCE PROJECTS 2030		
New Roofs - BARCROFT & SWANSON	6,000,000		New Roof - JEFFERSON	3,500,000		New Roof - INNOVATION & GLEBE	6,000,000	
Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000	
	6,500,000			4,000,000			6,500,000	

MC/MM & Major Infrastructure 10-Year Proposed Plan

LONG TERM PLAN 2031 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2032 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2033 MCMM	\$ESTIMATE	CATEGORIES	LONG TERM PLAN 2034 MCMM	\$ESTIMATE
Program Manager	179,212	Salary/Admin. Costs	Program Manager	182,796	Salary/Admin. Costs	Program Manager	186,452	Salary/Admin. Costs	Program Manager	190,181
PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:			PROJECTS FROM ANNUAL REVIEWS:	
Renew Parking Lot - TBD	168,924	Parking Lots	Renew Parking Lot - TBD	172,303	Parking Lots	Renew Parking Lot - TBD	175,749	Parking Lots	Renew Parking Lot - TBD	179,264
Renew Parking Lot - TBD	168,924	Small Synthetic Play	Renew Parking Lot - TBD	172,303	Small Synthetic Play	Renew Parking Lot - TBD	175,749	Small Synthetic Play	Renew Parking Lot - TBD	179,264
New Synthetic Surface - TBD	394,157	Small Synthetic Play	New Synthetic Surface - TBD	402,040	Small Synthetic Play	New Synthetic Surface - TBD	410,081	Small Synthetic Play	New Synthetic Surface - TBD	418,282
New Gym Floor - TBD	231,989	Flooring	New Gym Floor - TBD	236,629	Flooring	New Gym Floor - TBD	241,362	Flooring	New Gym Floor - TBD	246,189
New Multi-Purpose Room Floor- TBD	115,995	Flooring	New Multi-Purpose Room Floor- TBD	118,315	Flooring	New Multi-Purpose Room Floor- TBD	120,681	Flooring	New Multi-Purpose Room Floor- TBD	123,095
Main areas one school - TBD	149,344	Painting	Main areas one school - TBD	152,331	Painting	Main areas one school - TBD	155,377	Painting	Main areas one school - TBD	158,485
Main areas one school - TBD	149,344	Painting	Main areas one school - TBD	152,331	Painting	Main areas one school - TBD	155,377	Painting	Main areas one school - TBD	158,485
General floorcoverings Uplift - TBD	238,949	Flooring	General floorcoverings Uplift - TBD	243,728	Flooring	General floorcoverings Uplift - TBD	248,603	Flooring	General floorcoverings Uplift - TBD	253,575
New 5-12 TBD	298,686	Playgrounds	New 5-12 TBD	304,660	Playgrounds	New 5-12 TBD	310,753	Playgrounds	New 5-12 TBD	316,968
New 2-5 TBD	179,212	Playgrounds	New 2-5 TBD	182,796	Playgrounds	New 2-5 TBD	186,452	Playgrounds	New 2-5 TBD	190,181
Only 1 each in 2031	-	Playgrounds	Only 2 of each in 2032	-	Playgrounds	Only 1 of each in 2033	-	Playgrounds	Only 2 of each in 2034	-
Only 1 each in 2031	-	Playgrounds	New 5-12 TBD	304,660	Playgrounds	Only 1 of each in 2033	-	Playgrounds	New 5-12 TBD	316,968
Only 1 each in 2031	-	Playgrounds	New 2-5 TBD	182,796	Playgrounds	Only 1 of each in 2033	-	Playgrounds	New 2-5 TBD	190,181
Resurface Black Top play area - TBD	168,924	Blacktop	Resurface Black Top play area - TBD	172,303	Blacktop	Resurface Black Top play area - TBD	175,749	Blacktop	Resurface Black Top play area - TBD	179,264
Design Engineering for MC/MM projects	167,264	Consulting Fees	Design Engineering for MC/MM projects	170,610	Consulting Fees	Design Engineering for MC/MM projects	174,022	Consulting Fees	Design Engineering for MC/MM projects	177,502
PROGRAMS			PROGRAMS			PROGRAMS			PROGRAMS	
Inspections and small/medium repairs	119,475	Annual Theater Safety	Inspections and small/medium repairs	121,864	Annual Theater Safety	Inspections and small/medium repairs	124,301	Annual Theater Safety	Inspections and small/medium repairs	126,787
Inspection Bleachers, Backstops etc	101,554	Annual Gym Safety	Inspection Bleachers, Backstops etc	103,585	Annual Gym Safety	Inspection Bleachers, Backstops etc	105,657	Annual Gym Safety	Inspection Bleachers, Backstops etc	107,770
General upgrades	107,527	ADA	General upgrades	109,678	ADA	General upgrades	111,871	ADA	General upgrades	114,109
Address system wide as they arise	119,475	Indoor Air Quality	Address system wide as they arise	121,864	Indoor Air Quality	Address system wide as they arise	124,301	Indoor Air Quality	Address system wide as they arise	126,787
General grounds upkeep	143,369	Fields/Grounds	General grounds upkeep	146,237	Fields/Grounds	General grounds upkeep	149,162	Fields/Grounds	General grounds upkeep	152,145
Replacements beyond Kitchens renovation program	143,595	Kitchen Equipment	Replacements beyond Kitchens renovation program	146,467	Kitchen Equipment	Replacements beyond Kitchens renovation program	149,396	Kitchen Equipment	Replacements beyond Kitchens renovation program	152,384
General repairs	119,475	Concrete/Paving	General repairs	121,864	Concrete/Paving	General repairs	124,301	Concrete/Paving	General repairs	126,787
HVAC Emergency Repairs Contingency beyond OPS	238,949	HVAC	HVAC Emergency Repairs Contingency beyond OPS	243,728	HVAC	HVAC Emergency Repairs Contingency beyond OPS	248,603	HVAC	HVAC Emergency Repairs Contingency beyond OPS	253,575
HVAC Emergency Contingency/Controls beyond OPS	238,949	HVAC	HVAC Emergency Contingency/Controls beyond OPS	243,728	HVAC	HVAC Emergency Contingency/Controls beyond OPS	248,603	HVAC	HVAC Emergency Contingency/Controls beyond OPS	253,575
General replacement/repair	71,685	Flooring	General replacement/repair	73,118	Flooring	General replacement/repair	74,581	Flooring	General replacement/repair	76,072
Ad hoc needs by contractors	89,606	Painting	Ad hoc needs by contractors	91,399	Painting	Ad hoc needs by contractors	93,227	Painting	Ad hoc needs by contractors	95,091
Major Upgrades - Various valves etc	143,369	Plumbing	Major Upgrades - Various valves etc	146,237	Plumbing	Major Upgrades - Various valves etc	149,162	Plumbing	Major Upgrades - Various valves etc	152,145
Non-bond program repairs	179,212	Roofing	Non-bond program repairs	182,796	Roofing	Non-bond program repairs	186,452	Roofing	Non-bond program repairs	190,181
Upkeep/Removals/Internal Room Modifications	225,232	Relocatables	Upkeep/Removals/Internal Room Modifications	229,737	Relocatables	Upkeep/Removals/Internal Room Modifications	234,332	Relocatables	Upkeep/Removals/Internal Room Modifications	239,019
Contingency for unforeseens	225,232	General Reserve	Contingency for unforeseens	229,737	General Reserve	Contingency for unforeseens	234,332	General Reserve	Contingency for unforeseens	239,019
TOTAL FROM LONG TERM PLAN:	4,877,630		TOTAL FROM LONG TERM PLAN:	5,462,639		TOTAL FROM LONG TERM PLAN:	5,074,686		TOTAL FROM LONG TERM PLAN:	5,683,329
FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES			FROM 2023 FACILITIES STUDY/TRADES	
Multiple TBD placeholder	1,464,011		Multiple TBD placeholder	1,493,291		Multiple TBD placeholder	1,523,157		Multiple TBD placeholder	1,553,620
	6,341,641			6,955,930			6,597,844			7,236,949
2031	2031	2032	2032	2033	2033	2033	2034	2034	2034	2034
BOND FUNDED MAINTENANCE PROJECTS 2031			BOND FUNDED MAINTENANCE PROJECTS 2032			BOND FUNDED MAINTENANCE PROJECTS 2033			BOND FUNDED MAINTENANCE PROJECTS 2033	
New Roof- GUNSTON	3,500,000		New Roofs - LONG BRANCH & JAMESTOWN	6,000,000		New Roof - CLAREMONT	3,000,000		New Roof - TBS	3,000,000
Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000		Lighting upgrade to LED - Location(s) TBD	\$ 500,000
	4,000,000			6,500,000			3,500,000			3,500,000

Schools not considered for feasibility studies

- **Arlington Career Center** – new school under construction; opening SY2026-2027.
- **Montessori Public School of Arlington (MPSA)** – 2025-34 CIP School Board Direction, “Relocation for the MPSA program into the legacy Career Center building with options for three different price points (low, medium, high), not to exceed \$45M.”

- Highest priority based on classroom instructional spaces
 1. Identify schools with greatest number of classrooms AND percentage of total classrooms rated **red** (does not meet standards).
 2. Review schools identified in step 1 with fewest number of classrooms rated **green** (meets standards).
- Evaluation of other educational space deficiencies
 - Special education instructional spaces
 - Music, performing arts spaces
 - Operable windows

- Review safety/security characteristics for the 3 – 5 schools identified to have the highest deficiencies in educational space adequacy.
- Reprioritize (if needed) the 3 – 5 schools based on review of safety/security characteristics.
- Characteristics not considered
 - Security vestibules and single point of entry captured in separate construction project(s)

- Review common space deficiencies for the 3 – 5 schools identified to have the highest in educational space deficiencies.
- Reprioritize (if needed) the 3 – 5 schools based on review of common spaces.
- Characteristics not considered
 - Playgrounds captured under separate construction project(s).
 - Characteristic where all/majority of facilities meet standards.

- For the 3 – 5 schools identified:
 - Review the FCI_{AD} and FCI_{DM} scores.
 - Review capital investments in the past 20 years for the 3 – 5 schools.
 - Reprioritize if needed.

How School Sites were Determined for Proposed Feasibility Studies

Facility Site*	Educational Spaces < 5 Green > 10 Red	Educational Spaces < 5 Green > 15 Yellow	Educational Spaces > 15 Yellow > 10 Red	Classrooms Do Not Meet Standards	FCI _{AD}	FCI _{DM}	Common Spaces Review > 2 Red	Capital Improvements in last 20 years
Thomas Jefferson			28,25	25	0.153	0.158	3	
Taylor	3,16			16	0.148	0.043		Roof & HVAC
Barrett	1,12			12	0.113	0.026	3	Roof & HVAC
Swanson				14	0.231	0.154		
Randolph	4,7	4,7	7,7	7	0.146	0.06		Roof & HVAC

Based on ed space deficiencies overlayed with FCI assessment and Building Characteristics. Includes review of safety per SB CIP direction in December 2023

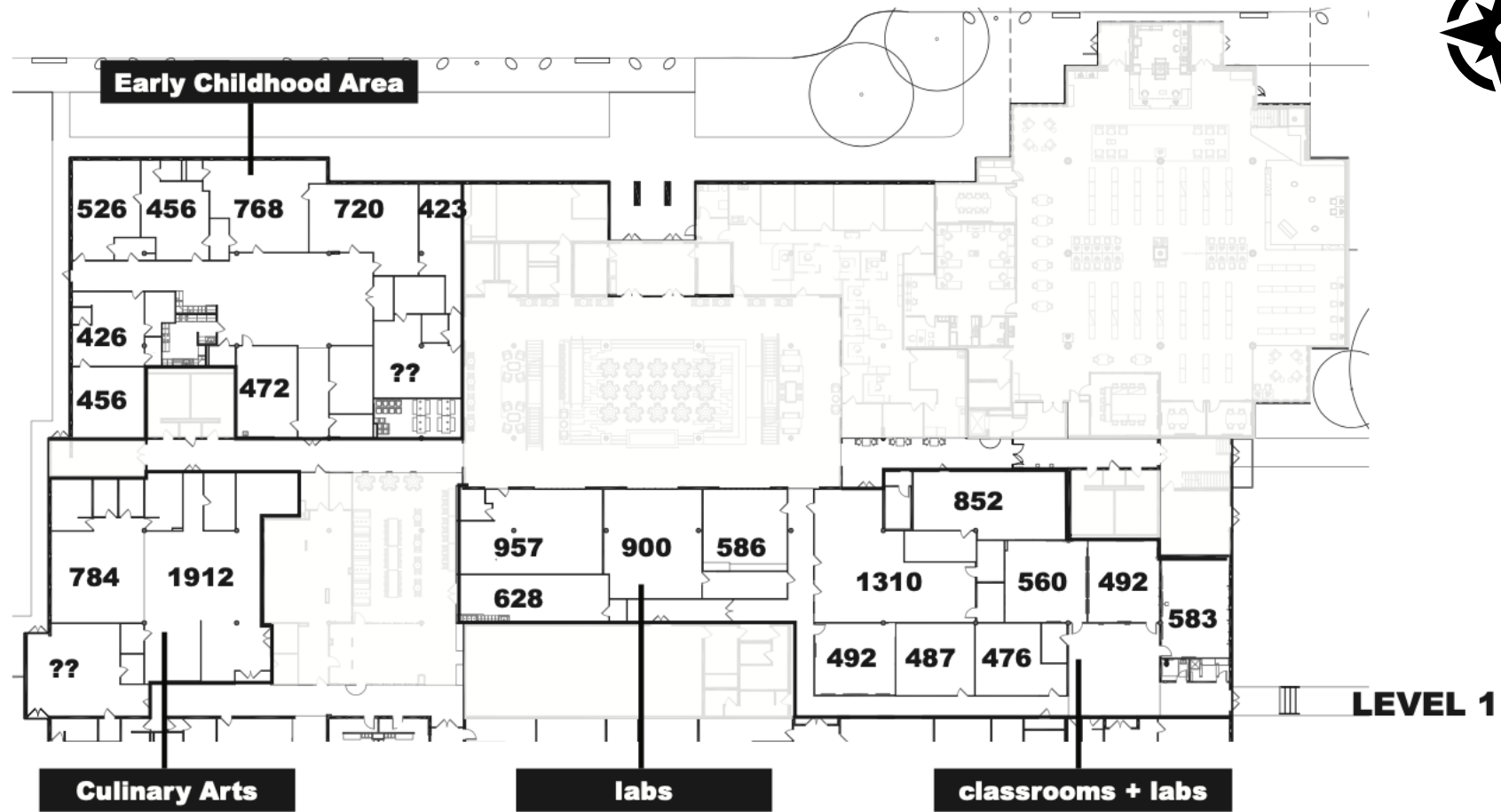
**Sites may be studied in any order.*

- Estimated feasibility study costs
 - \$2.5M for 3 schools / \$3.2M for 4 schools / \$4.M for 5 schools
- Time frame for studies will vary depending on complexity
 - 10-12 months per facility / 2-3 months for estimate and reconciliation
- Feasibility study costs include
 - Detailed site surveys.
 - Three options and associated costs for required work and phasing to accomplish the work.
 1. Renovate
 2. Addition and Renovation
 3. Full building replacement with a new building.
 - Two independent project cost estimates, including soft costs per building option.

- Procure consultants to conduct the study
 - Determine scope, solicit and accept proposals: **1-2 Months**
- Study
 - Evaluate existing conditions, review existing documents, undertake site surveys, determine capacity & educational specifications with academics and School Board: **2-3 months**
 - Develop and evaluate the options, with phasing plans (swing space): **5-7 months**
- Cost estimating
 - Two independent project cost estimates, including soft costs and phasing costs per building option: **2-3 months** for estimate and reconciliation

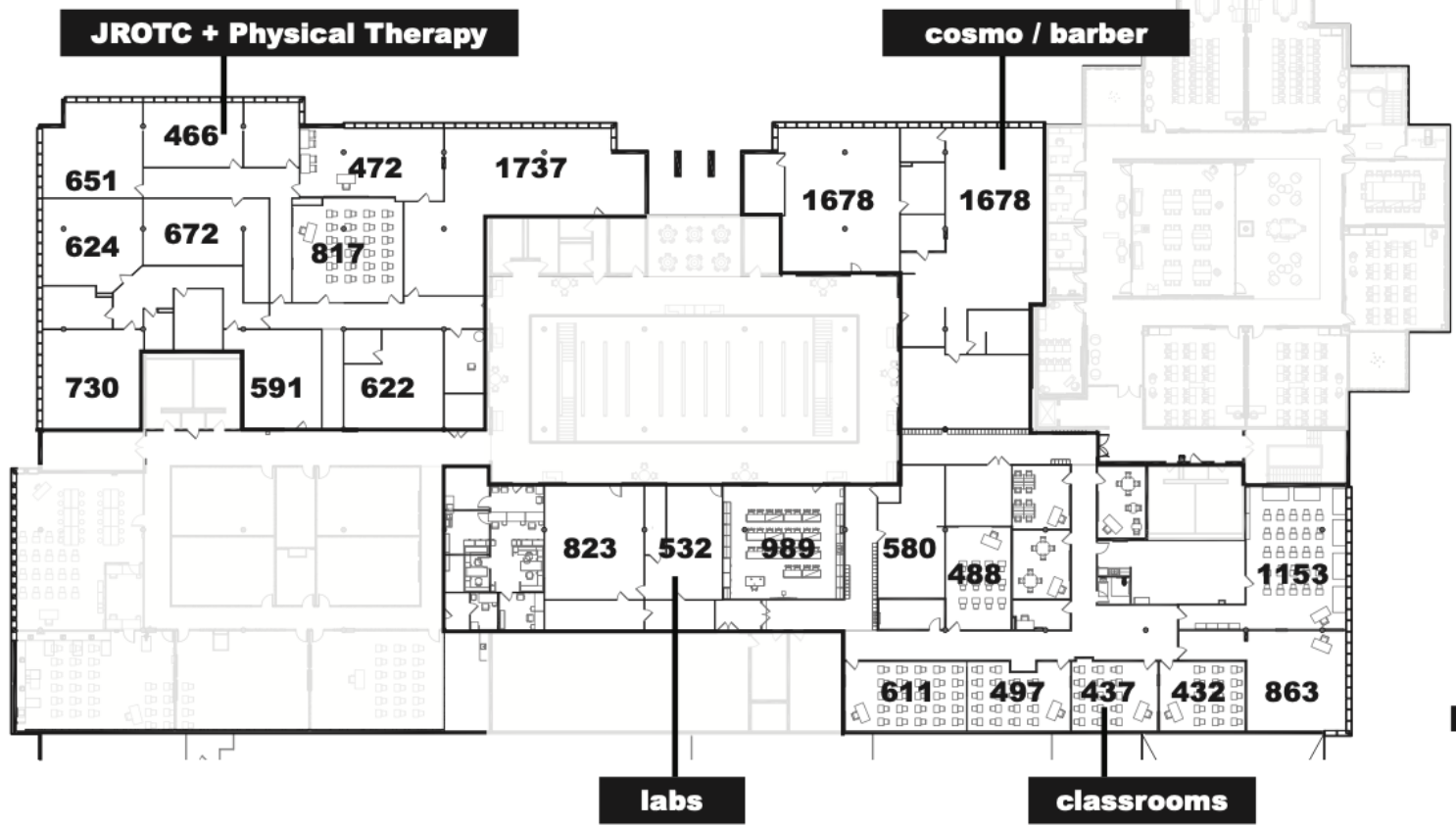
Career Center Schematics

UNDERSTANDING THE BUILDING - WHAT'S AVAILABLE



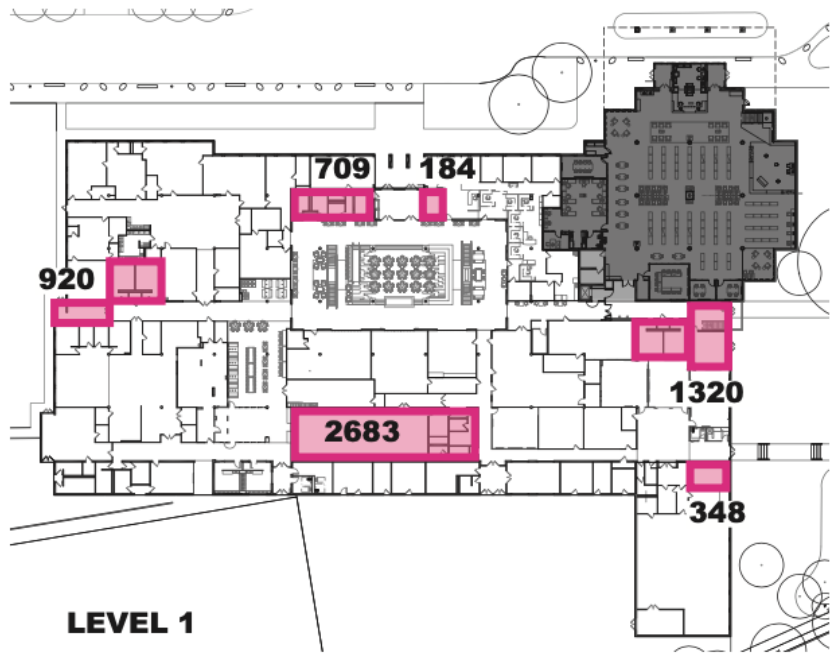
Career Center Schematics

UNDERSTANDING THE BUILDING - WHAT'S AVAILABLE

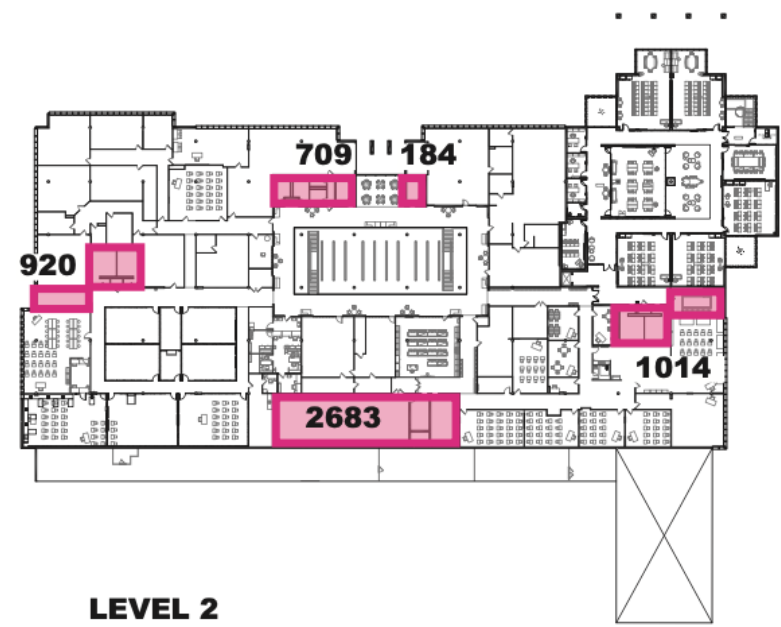


Career Center Schematics

UNDERSTANDING THE BUILDING - INFRASTRUCTURE TO REMAIN



LEVEL 1
STAIR+MECH+TOILET 6,164 SF



LEVEL 2
STAIR+MECH+TOILET 5,510 SF



MPSA Cost per Option with Prevailing Wage calculations

Costs in millions

	Option 2	Comments2
2023 Construction Cost Estimate	\$29.67	
Construction Contingency	\$2.97	10% of construction cost
Owner (Soft) Cost	\$7.18	22% of construction cost plus construction contingency
Total Project Cost	\$39.82	

Prevailing wage increased labor cost by 15% based on consultant study

MPSA Option # 2 - Costs with Escalation*

Costs in millions

	Percent Escalation	Option #2
2024	4.0%	\$ 41.41
2025	3.5%	\$ 42.86
2026	3.0%	\$ 44.14
2027	3.0%	\$ 45.47
2028	3.0%	\$ 46.83
2039	3.0%	\$ 48.24
2030	3.0%	\$ 49.69
2031	3.0%	\$ 51.18
2032	3.0%	\$ 52.71
2033	3.0%	\$ 54.29

As of 2/13/2024 with prevailing wage estimate

Cost-Benefit Analysis – Critical Notification/Public Address Systems

School	Priority/Risk Level	Replacement Consideration	System Price
Hoffman Boston	High (0-1 years)	FY2025	\$238,962
Jamestown	High (0-1 years)	FY2025	\$140,950
Ashlawn	High (0-1 years)	FY2025	\$238,962
Kenmore	High (1-2 years)	FY2026	\$373,041
Glebe	High (1-2 years)	FY2026	\$109,668
Yorktown	High (2-3 years)	FY2027	\$258,198
Total High Priority/Risk			\$1,359,781
Thomas Jefferson	Medium (3-5 years)	FY2027 (new speakers)	\$48,073
Key	Medium (3-5 years)	FY2028	\$215,066
Science Focus	Medium (3-5 years)	FY2028	\$215,066
Innovation	Medium (5-8 years)	FY2029	\$215,066
Arlington Traditional	Medium (5-8 years)	FY2029	\$98,701
Total Medium Priority/Risk			\$791,971
Total Five-Year Fund Request			\$2,151,752

Standard useful life of public address system, utilizing present day technology is 15-20 years

Cost-Benefit Analysis – Critical Notification/Public Address Systems

School	Priority/Risk Level	Work Orders 22-24	Notes
Hoffman Boston	High (0-1 years)	8	No sound in various areas in school, bad cabling, head-end, and speakers.
Jamestown	High (0-1 years)	2	System is not working besides all-call, no speakers in halls, head-end replacement.
Ashlawn	High (0-1 years)	12	No sound in various areas, including trailers, bad cabling, head-end and speakers.
Kenmore	High (1-2 years)	12	Need speakers in halls and gym, poor sound, bad cabling, head-end and speakers.
Glebe	High (1-2 years)	5	Bad switches, no sound in various areas, speakers are good, head-end replacement.
Yorktown	High (2-3 years)	6	System malfunctions, speakers are good, head-end replacement.
Thomas Jefferson	Medium (3-5 years)	2 (2024)	2nd floor wing, and various issues with sound, poor cabling, new speakers.
Key	Medium (3-5 years)	11	Poor cabling and old speakers, head-end and speaker replacement.
Science Focus	Medium (3-5 years)	12	Poor cabling and old speakers and switches, head-end and speaker replacement.
Innovation	Medium (5-8 years)	1	Poor cabling and old speakers and switches, head-end and speaker replacement.
Arlington Traditional	Medium (5-8 years)	11	Various issues with sound in classrooms, cabling is okay, head-end replacement.

CIP 2023/24 – Account Analysis Report

2023-32 CIP Report – Public Address

- **Request, \$1,350,000**
- Six public address systems, Nottingham, Taylor, Washington-Liberty, Gunston, Thomas Jefferson, and *Kenmore.

2023 Quarterly Report: Public Address

- \$1,210,440
- Analysis – the report indicated that six public address systems were upgraded.
 - Kenmore was not completed.
- This table represents the remaining balance and encumbered amount for the public address system.

Public Address		Totals
	Carry over amount	\$213,984
	FY 23 Expenses	\$959,616
	Encumbered	\$17,376
	Current Balance	\$19,464
	Total 23-CIP Public Address	\$1,210,440



Wakefield Stadium Synthetic Turf Replacement Project Early Winter 2022

Synthetic Turf Projects - Outyears

- FY 2031 – Wakefield HS Stadium
- FY 2032 – Washington-Liberty HS Stadium and Williamsburg/Discovery Fields
- FY 2033 – Greenbrier Stadium (Yorktown HS), TJMS Lower Field, Kenmore MS Fields
- FY 2034 – The Heights' Field

Joint Initiatives with Arlington County: Trade Center Optimization Cost Matrix

Design Options	Square Footage	Bus Parking Spaces	Bus Spaces with Charging	White Fleet Parking Spaces	Staff Parking Spaces	Phasing	Concept Total Project Cost (In Millions)	Desired Parking Count Bus Fleet: *180 White Fleet: 112 Staff Parking: 250 * Includes 60 Spare spaces
Option A	300,600 (New Garage) 67,200 (Renovate Existing Building)	185	up to 126	85	101	Can phase building renovation and new garage construction. Facility staff can stay on site.	\$289.5	Desired Parking Count Bus Fleet: *180 White Fleet: 112 Staff Parking: 250 * Includes 60 Spare spaces
Option B	264,000f (New Garage) 60,000 (New Building)	180	up to 180	112	131	Can phase new building construction and new garage construction. Facility staff can stay on site.	\$319.2	
Option D	345,000 (New Garage) + 67,200 (Renovate Existing Building)	174	up to 163	114	150	Garage can be built in 2 phases. Can phase building renovation. Facility staff can stay onsite.	\$348.2	Target Level: Green = 100%
Option E	301,732 (Garage +New Building)	159	up to 136	117	222	All facility staff would need to be located offsite during construction. No Phasing: Building and garage must be built together. Possibility for shorter off-site timeline vs the phased options.	\$353.1	Target Level: Yellow = 75% - 99%
Option F	265,00 (Garage + New Building)	171	up to 148	112	148	All facility staff would need to be located offsite during phase 1 construction. Building and garage can be phased separately.	\$341.4	Target Level: Orange = Below 75%