



Capital Budget Community Meeting on Future School Facility Projects - Dulles South Area Focus

August 17, 2022

LCPS Capital Budget Overview



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LCPS Capital Budget

Capital Improvement Program (CIP)

Provides six-year student enrollment projections for division and individual schools with an adopted attendance zone

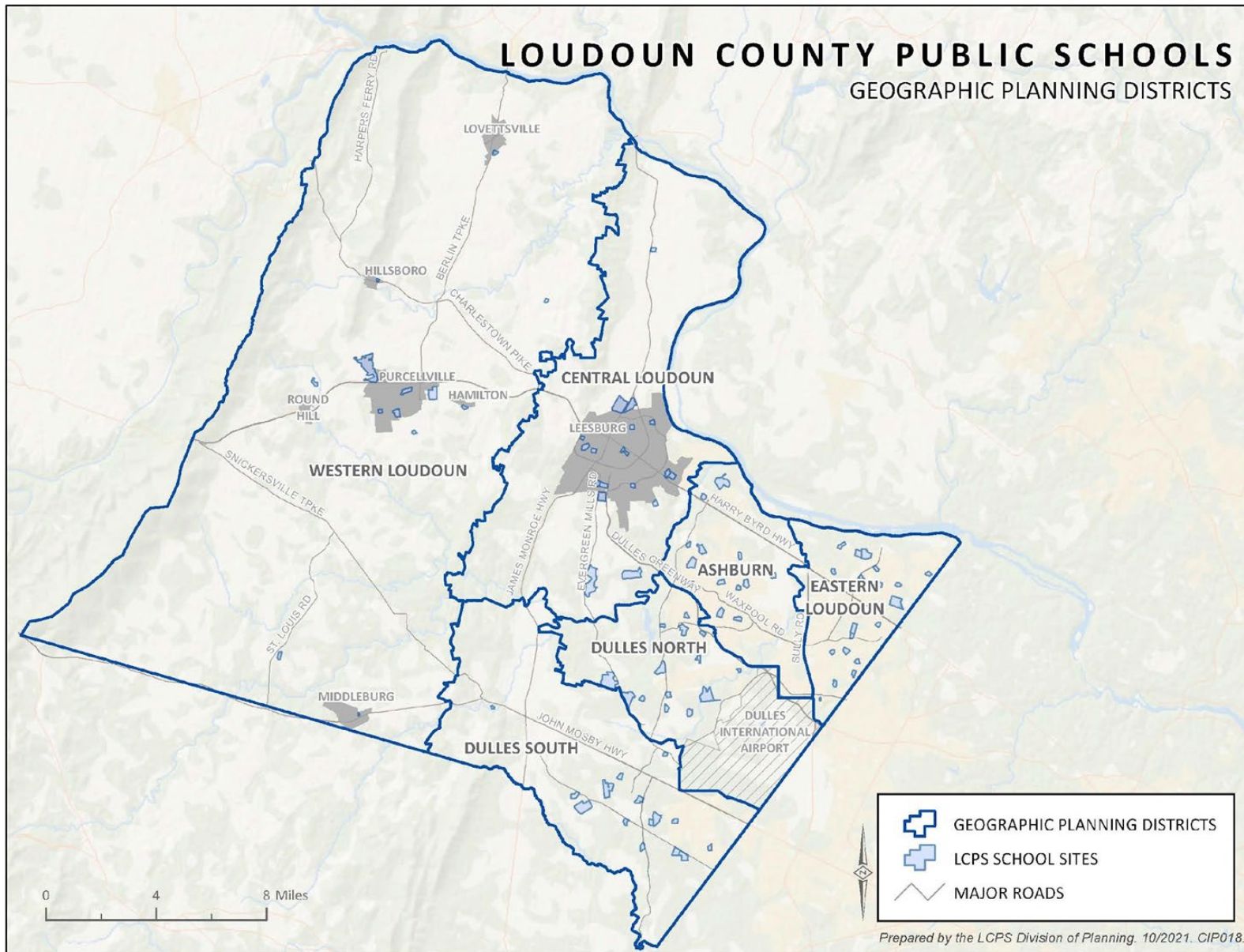
Involves acquisition, development, construction, and/or renovation of facilities, infrastructure, and capital equipment

- Short-Term CIP (Fiscal Years 1-6)
 - Years 1 and 2 Most Critical for Project Identification and Funding
 - Individual Project Pages
- Medium-Term CIP (Fiscal Year 7-10)
 - Corresponds to Board of Supervisors 10-Year Capital Needs Assessment (CNA)
- Long-Term Outlook (Years 11-30)

Capital Asset Preservation Program (CAPP)

Involves repair of major facility components and systems, including repair by replacement (e.g., electrical, plumbing, roofing, HVAC, structural)

- Fiscal Years 1-6
 - Project Specific Detail Provided by Component/System and by Individual School



DULLES SOUTH GEOGRAPHIC PLANNING DISTRICT

FREEDOM HIGH SCHOOL CLUSTER

Freedom High School
 J. Michael Lunsford Middle School
Cardinal Ridge Elementary School
 Hutchison Farm Elementary School
Liberty Elementary School
 Little River Elementary School

JOHN CHAMPE HIGH SCHOOL CLUSTER

John Champe High School
 Mercer Middle School
 Arcola Elementary School
Goshen Post Elementary School

LIGHTRIDGE HIGH SCHOOL CLUSTER

Lightridge High School
 Willard Middle School
 Aldie Elementary School
 Buffalo Trail Elementary School
 Hovatter Elementary School
Pinebrook Elementary School

Facility Analysis

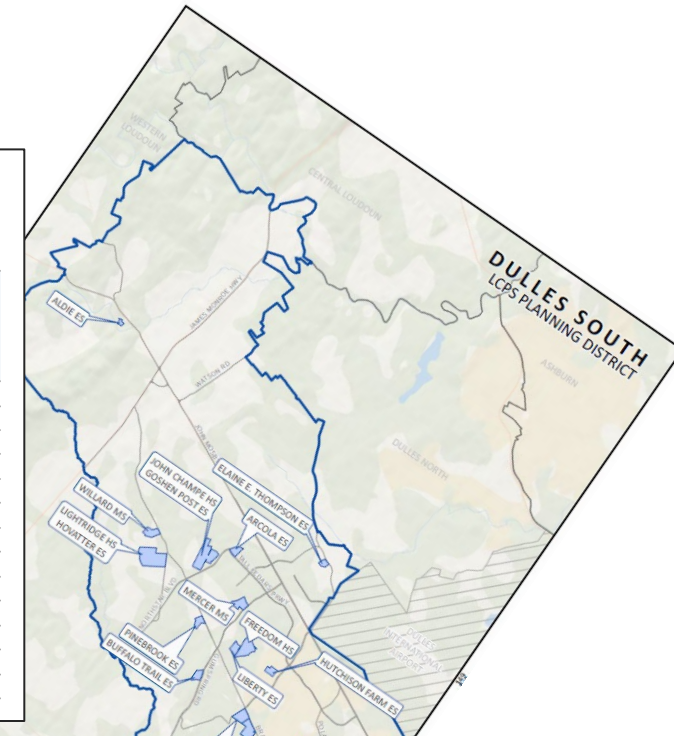
LCPS Planning District Detail

Provides Map of All School Locations with District and Approved (Unbuilt) Residential Development

Individual School Detail

Provided by LCPS Planning District, Includes Base Building Capacity, Current Year Enrollment, Six Years of Projected Enrollment

Dulles South Planning District Approved, Unbuilt Residential Development as of September 2021								
SFD - Single Family Detached SFA - Single Family Attached MF - Multifamily								
Residential Development	Approved Residential Units				Potential LCPS Students			% Complete, as of 9/2021
	SFD	SFA	MF	Total	Elementary School	Middle School	High School	
ARCOLA CENTER	0	590	604	1194	127	71	97	56%
BULL RUN RESERVE	62	0	0	62	25	14	19	0%
CHUDLEIGH FARM	32	0	0	32	10	6	8	22%
ESTATES AT CREIGHTON FARMS	171	0	0	171	30	17	23	56%
FOXGATE	0	0	110	110	18	10	13	0%
GLENBURY ESTATES	66	0	0	66	8	5	6	68%
HARTLAND	669	0	0	669	261	146	201	3%
HOGAN KENT GREENE	26	118	0	144	41	23	32	0%
LENAH CIRCLE EAST	37	0	0	37	15	8	11	0%
LENAH CIRCLE WEST	52	0	0	52	21	11	16	0%
LENAH MILL	799	0	0	799	24	13	18	93%
POLAND HILL	66	0	0	66	9	5	7	77%
PROSPERITY PLAINS	95	143	0	238	2	1	2	97%



ELEMENTARY SCHOOL SUMMARY: DULLES SOUTH

General Planning District Description
North of Prince William County, East of Town of Middleburg, South of Route 50 (John Mosby Highway), West of Fairfax County

		FY 2023 - FY 2028 CIP PLANNING PERIOD																		
ELEMENTARY SCHOOLS	2021-22 BASE CAPACITY	30-Sep-21 ACTUAL ENROLLMENT	2022-23 SCHOOL YEAR PROJECTION			2023-24 SCHOOL YEAR PROJECTION			2024-25 SCHOOL YEAR PROJECTION			2025-26 SCHOOL YEAR PROJECTION			2026-27 SCHOOL YEAR PROJECTION			2027-28 SCHOOL YEAR PROJECTION		
			ENROLL	SPACE	UTILIZE	ENROLL	SPACE	UTILIZE	ENROLL	SPACE	UTILIZE	ENROLL	SPACE	UTILIZE	ENROLL	SPACE	UTILIZE	ENROLL	SPACE	UTILIZE
ALDIE ES	138	111	113	25	82%	110	28	80%	110	28	80%	105	33	76%	111	27	80%	106	32	77%
ARCOLA ES	960	957	842	118	88%	857	103	89%	881	79	92%	884	76	92%	890	70	93%	896	64	93%
BUFFALO TRAIL ES	983	872	930	53	95%	932	51	95%	953	30	97%	969	14	99%	1022	(39)	104%	1059	(76)	108%
CARDINAL RIDGE ES	960	832	834	126	87%	844	116	88%	867	93	90%	882	78	92%	889	71	93%	913	47	95%
GOSHEN POST ES ^A	1006	891	963	43	96%	1047	(41)	104%	1056	(50)	105%	1094	(88)	109%	1121	(115)	111%	1153	(147)	115%
HOVATTER ES	960	1054	1186	(226)	124%	1292	(332)	135%	1362	(402)	142%	1432	(472)	149%	1475	(515)	154%	1499	(539)	156%
HUTCHISON FARM ES	881	728	705	176	80%	729	152	83%	711	170	81%	711	170	81%	739	142	84%	745	136	85%
LIBERTY ES	960	903	888	72	93%	886	74	92%	890	70	93%	891	69	93%	920	40	96%	946	14	99%
LITTLE RIVER ES	812	682	709	103	87%	735	77	91%	773	39	95%	772	40	95%	778	34	96%	806	6	99%
PINEBROOK ES	960	790	769	191	80%	792	168	83%	804	156	84%	808	152	84%	818	142	85%	849	111	88%
ES-32 ^B												TBD	960		TBD	960		TBD	960	
	8620	7820	7939	681		8224	396		8407	213		8548	1032		8763	817		8972	608	

SOME ELEMENTARY SCHOOL STUDENTS RESIDING IN THE DULLES SOUTH PLANNING DISTRICT ARE CURRENTLY ATTENDING ELEMENTARY SCHOOL IN THE DULLES NORTH PLANNING DISTRICT.

A - THE 2021-22 BASE CAPACITY FOR GOSHEN POST ES REFLECTS TWO (2) MODULAR CLASSROOMS ON SITE; WITHOUT THE MODULAR CLASSROOMS, CAPACITY AT GOSHEN POST ES WOULD BE 960.

B - THE OPENING OF A NEW ELEMENTARY SCHOOL (ES-32) IS PLANNED FOR FALL 2025 (2025-26 SCHOOL YEAR) WITH AN ANTICIPATED BASE CAPACITY OF 960. IT IS PLANNED TO CO-LOCATE ES-32 ON THE LIGHTBRIDGE HS/HOVATTER ES CAMPUS.

TBD - TO BE DETERMINED, FOLLOWING THE ADOPTION OF AN ATTENDANCE ZONE FOR THE SCHOOL

Dulles South: FY 2023 CAPP

HVAC Projects

John Champe HS & Mercer MS – Rebuild Chiller

Little River ES – Replace Chiller

Plumbing Projects

Aldie ES – Replace Water Heater

Arcola ES, Mercer MS & Pinebrook ES – Replace Ozone Water Treatment System

Little River ES – Replace Steamer

Structure Repair Projects

Little River ES – Replace Gym Floor with Sports Floor

Dulles South: FY 2023 – FY 2028 CIP

Capital Renewal & Alteration Projects

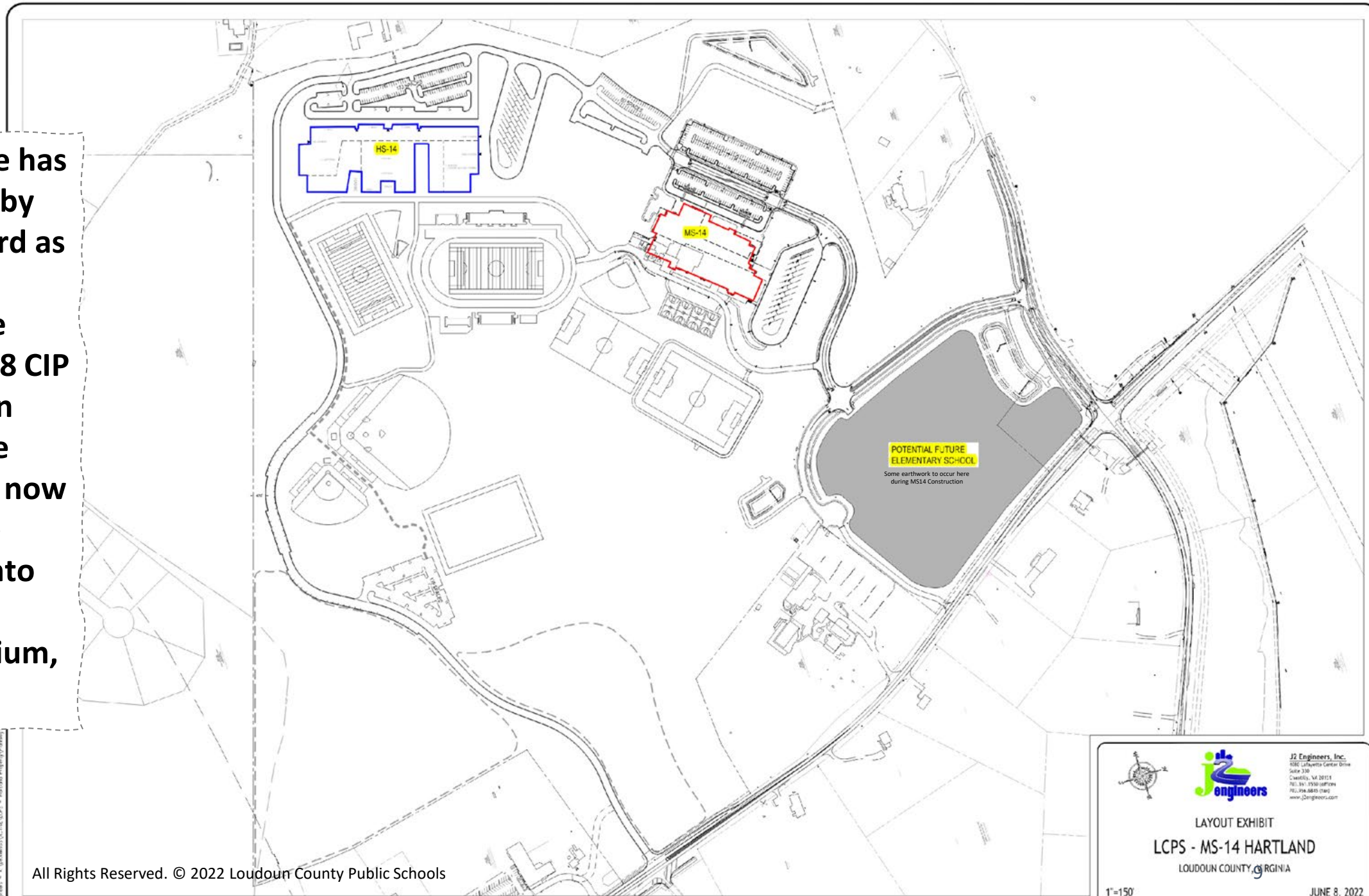
- Energy Conservation Projects
- Fine Arts Storage Improvements, Secondary Schools
- High School Practice Fields, Lighting & Synthetic Turf
- High School Tennis Court Lighting
- Modular Classroom Removal
- Privacy Space Conversions
- Security Improvements
- School Walking Tracks - Aldie ES
- Unified Communication Systems Replacement

Dulles South: FY 2023 – FY 2028 CIP

- Elaine E. Thompson ES*, Fall 2022
- Elementary School (ES-32), Fall 2025
- High School (HS-14) - Dulles North Area, Fall 2028
- Middle School (MS-14) - Dulles North Area*, Fall 2024
- School Security Improvements, Multi-Year (2019-2024)

* Previously Appropriated Projects

The Field House has been removed by the School Board as a part of their adoption of the FY2023 - FY2028 CIP budget. Certain elements of the field house are now proposed to be incorporated into HS-14 (i.e., expanded stadium, gymnasium).



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Lightridge High School **Hovatter Elementary School** **New Elementary School (ES-32)**

PRELIMINARY – Graphic from January 6, 2022 CMPT-2021-0008 ES-32 LCPS Community Information Meeting

LCPS Capital Budgets Process

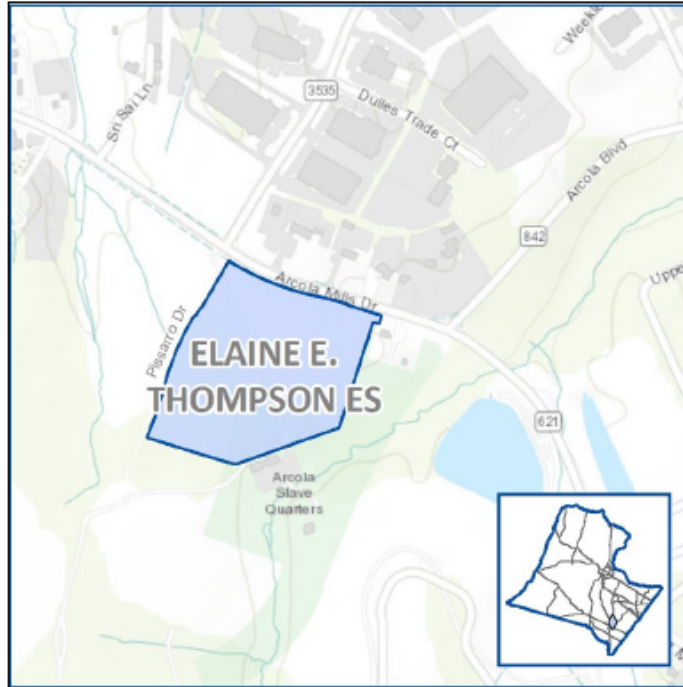
Month	LCPS Capital Budgets Process
June – October	Support Services Meetings for Preparation of Superintendent’s Recommended CIP/CAPP Budgets, Including Six-Year Enrollment Projections
October	Superintendent and Cabinet Review of Recommended CIP/CAPP Budgets
Early November November 15, 2022	Superintendent’s Recommended CIP/CAPP Budgets Presented to School Board
November – December November 28, 2022 & December 5, 2022	School Board Public Hearings and Work Sessions on CIP/CAPP Budgets
December December 13, 2022	School Board Adoption of CIP/CAPP Budgets
February	County Administrator’s Fiscal Plan Presented to Board of Supervisors
February - April	Board of Supervisor Public Hearings and Work Sessions on Fiscal Plan
April	Board of Supervisors Adoption of Fiscal Plan

Addendum

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August 17, 2022

ELAINE E. THOMPSON ELEMENTARY SCHOOL, ES - 23



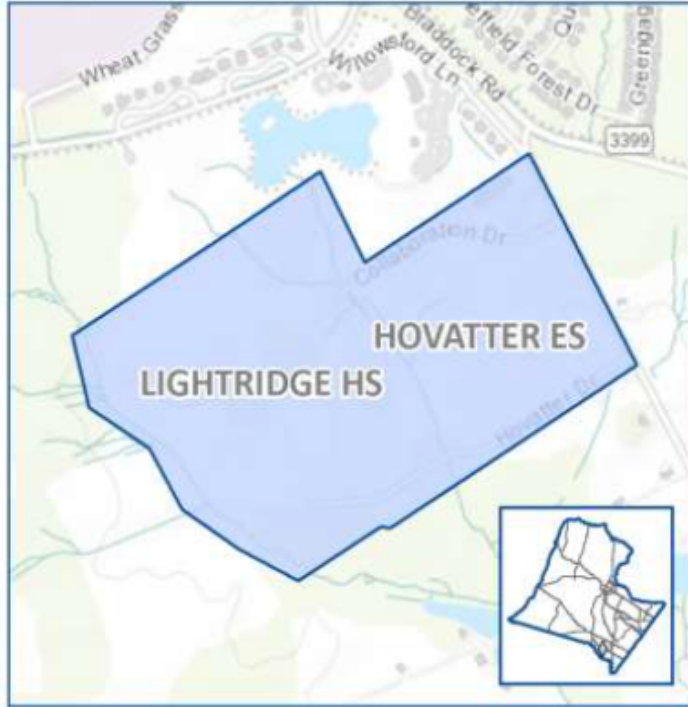
The elementary school will be built using a three-story elementary school design. The estimated 106,323 square foot building will serve students in kindergarten through grade five. With an anticipated capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

Elaine E. Thompson Elementary School will be in the Dulles North Planning District, on a proffered site within the Arcola Center development.

Project Details	
Acres	13
Square Feet	106,323
Base Capacity	960
Election District	Blue Ridge
LCPS Planning District	Dulles North
Referendum Date	November 2018
School Year Opening	2022-2023

PROJECT	TASK	FUNDING	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Elaine E. Thompson ES	Design	\$ 5.105																								
ES-23, Dulles North	Construction and FFE	\$ 39.130	OPEN																							
	Total Appropriations	\$ 44.235																								

ELEMENTARY SCHOOL, ES-32



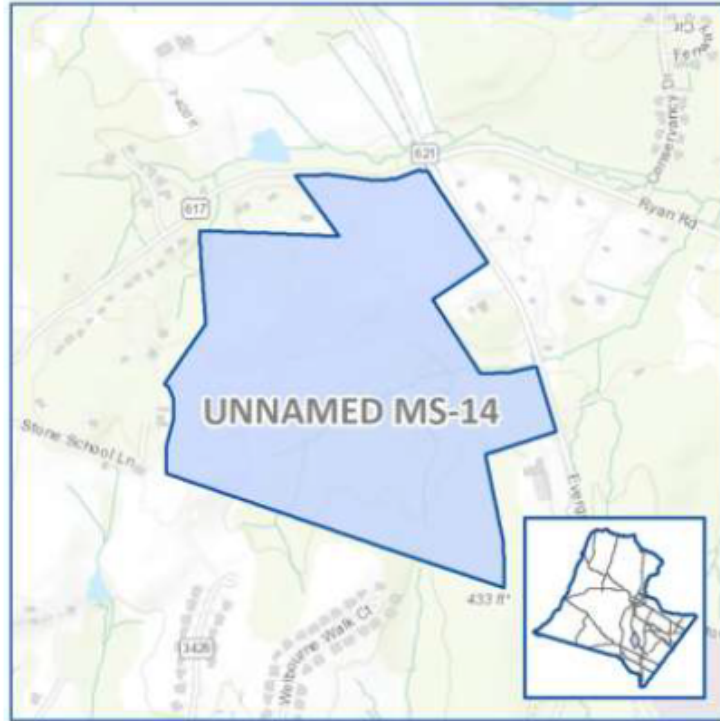
The elementary school will be built using a multi-story design. The estimated 106,323 square foot building will serve students in kindergarten through grade two. The adjacent Hovatter Elementary School will serve students in grades three through five. With an anticipated capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

ES-32 is planned to be co-located on the same site as Hovatter Elementary School and Lightridge High School in the Dulles South Planning District.

Project Details	
Acres	20
Square Feet	106,323
Base Capacity	960
Election District	Dulles
LCPS Planning District	Dulles South
Referendum Date	November 2021
School Year Opening	2025-2026

PROJECT	TASK	FUNDING	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ES-32, Dulles South	Design	\$ 7.250	DESIGN				BID																			
	Construction and FFE	\$ 56.290					CONSTRUCTION				FFE	OPEN														
	Total Appropriations	\$ 63.540	\$ 7.250				\$ 56.290																			

HIGH SCHOOL, HS-14



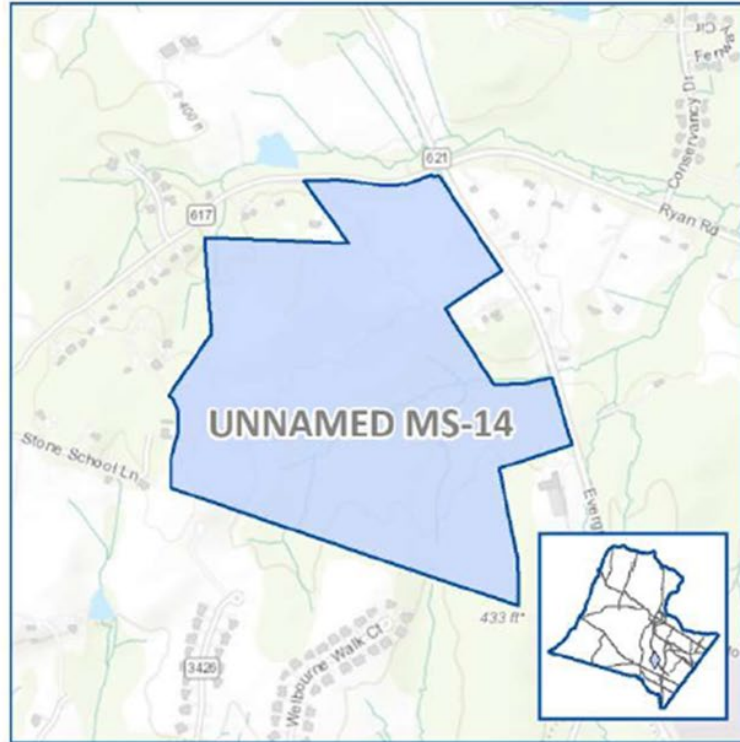
The high school will be built using a multi-story design. The estimated 336,254 square foot building will serve students in grades nine through twelve. With an anticipated capacity of 2100, the high school will include classrooms, cafeteria, auditorium, media center, gymnasium, an auxiliary gymnasium, outdoor physical education fields, and other associated spaces to support the high school program. The football and track stadium at the high school will hold 5,000 spectators to host State Championship meets and events, and an expanded gymnasium would hold up to 3,000 spectators.

HS-14 is planned to be co-located with MS-14, a future elementary school (TBD), and other public uses on a LCPS-owned site.

Project Details	
Acres	75
Square Feet	336,254
Base Capacity	2,100
Election District	Blue Ridge
LCPS Planning District	Dulles North
Referendum Date	TBD
School Year Opening	2028-2029

PROJECT	TASK	FUNDING	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
HS-14, Dulles North	Design	\$ 20.785																								
	Construction	\$ 181.570																								
	FFE	\$ 9.635																								
	Total Appropriations	\$ 211.990																								

MS-14, DULLES NORTH



The middle school will be built using a multi-story design. The estimated 184,593 square foot building will serve students in grades six through eight. With an anticipated capacity of 1445, the middle school design will utilize the “house” concept for each grade and will include classrooms, cafeteria, auditorium, media center, gymnasium, auxiliary gymnasium, and unlighted outdoor physical education fields.

MS-14 will be co-located on a LCPS-owned site with HS-14, a future elementary school (TBD), and other public uses.

Project Details	
Acres	172
Square Feet	184,593
Base Capacity	1,445
Election District	Blue Ridge
LCPS Planning District	Dulles North
Referendum Date	November 2019
School Year Opening	2024-2025

PROJECT	TASK	FUNDING	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
MS-14, Dulles North	Design	\$ 8.460																								
	Construction and FFE	\$ 90.680	CONSTRUCTION								FFE	OPEN														
	Total Appropriations	\$ 99.140																								

SCHOOL BUS REPLACEMENT AND ACQUISITION



This project provides funding for the replacement and acquisition of school buses on an annual basis.

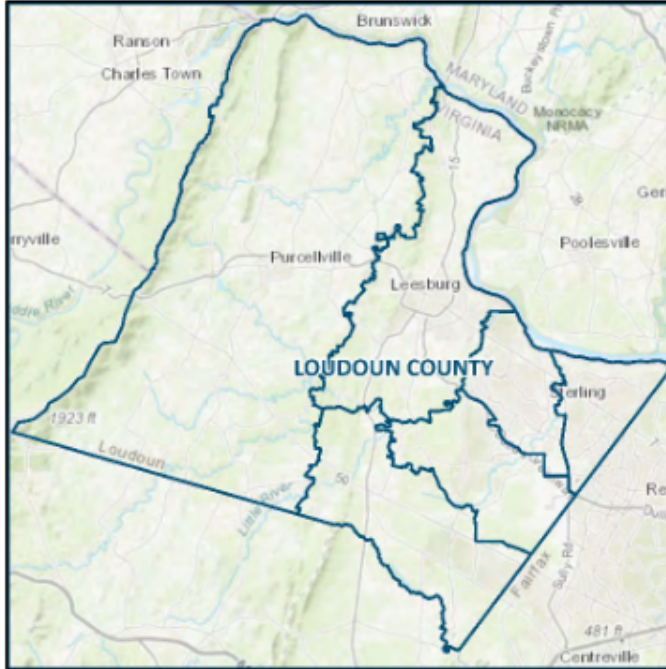
In support of the 2020 Loudoun County School Board resolution on Climate Change, the Division of Transportation began an electric bus pilot program to explore ways to reduce our carbon footprint. LCPS school buses travel over 8 million miles each year and produce over 20 tons of carbon monoxide into the environment. With recent action on climate change and new alternative-fuel products on the market from school bus manufacturers, the LCPS pilot program is designed to test the viability of electric buses to serve our students' transportation needs.

Through a partnership with Dominion Energy, five electric buses have been placed into service and are based (charged) at Park View High School. As part of a 2nd phase of the pilot program, LCPS was recently awarded six (6) electric buses from the Virginia Department of

Environmental Quality, which will be based (charged) at Cardinal Ridge Elementary School and planned for operations in 2022. The pilot program and industry research and monitoring will inform a long-term transportation fleet strategy under development.

PROJECT	TASK	FUNDING	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
School Bus Replacement and Acquisition	Design																									
	Construction																									
	Total Appropriations	\$ 60.300	\$ 8.755				\$ 9.235				\$ 9.745				\$ 10.280				\$ 10.845				\$ 11.440			

SCHOOL SECURITY IMPROVEMENTS



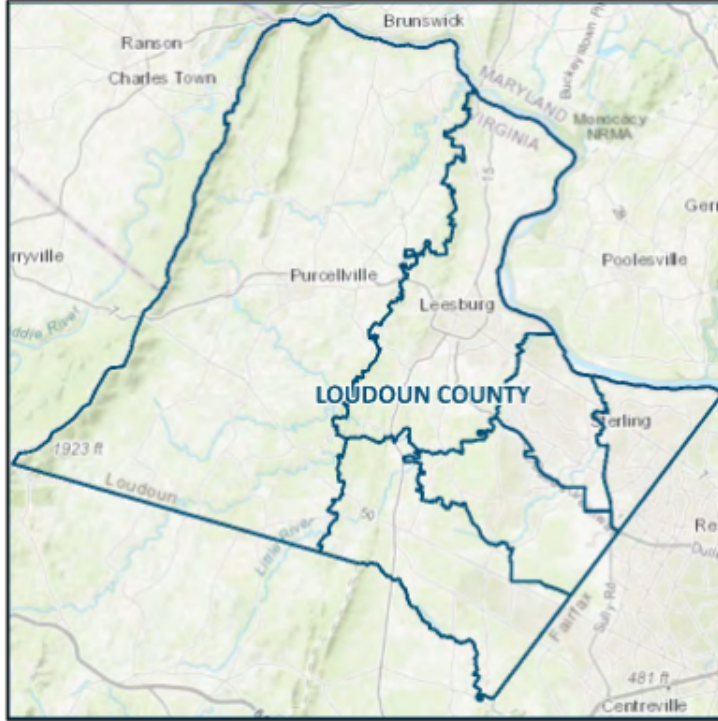
Prior appropriations were approved from FY 2019 - FY 2022, and additional appropriations are requested in FY 2023 and FY 2024, to provide secure vestibules, upgraded intrusion detection systems, and exterior door electronic access locks at schools throughout the County.

Funding will provide enhanced security at school campuses to include: door hardware, electronics and controls at building entries to manage visitor access, additional cameras and iPhones, modified office configurations, access deterrent measures, and interim secure vestibules to provide enhanced security until permanent work can be completed. Additional enhanced visitor management hardware, controls and access deterrent measures also need to be applied to other facilities that already have the necessary vestibule configuration. Significant interior modifications of office and media center spaces at nine (9) high schools are proposed to better align staff resources with enhanced entry security systems.

Project Details	
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	November 2017,2018,2020
School Year Opening	2021-2024

PROJECT	TASK	FUNDING	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
School Security Improvements	Exterior Doors	\$ 4.785	CONSTRUCTION																							
	Alarm Systems	\$ 2.940	CONSTRUCTION																							
	Secure Vestibules	\$ 85.279	CONSTRUCTION																							
	Total Appropriations	\$ 93.004	\$ 11.615				\$ 2.875																			

LAND ACQUISITION FUND



New school projects are located on sites acquired by proffered conveyance or purchase. When school sites cannot be obtained via proffered conveyance through an approved rezoning, LCPS requests funding to acquire suitable land to develop schools in locations that best serve the County's residents.

Funding is requested to acquire five (5) elementary schools, three (3) middle schools, two (2) high schools, and one (1) support facility during the 30-year CIP from FY 2023 to FY 2052.

Funding for land acquisition is planned up to three (3) years in advance of the commencement of design for school capital projects. Projected residential development in the County's 2019 Comprehensive Plan requires most of the land acquisition funding for new school sites in the first six-years of the CIP. This allows funds to be available early in the CIP to potentially acquire sites before available tracts of land are sold for other purposes.

Project Details	
Acres	TBD
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	N/A

PROJECT	TASK	FUNDING	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Land Acquisition	Design																									
	Construction																									
	Total Appropriations	\$ 54.485	\$			-	\$			-	\$			2.475	\$			8.750	\$			29.510	\$			13.750

CAPITAL FACILITY RENEWALS AND ALTERATIONS

Prior Years	FY 2023- FY 2024	FY 2025 – FY 2028
Energy Conservation Projects	Energy Conservation Projects	Energy Conservation Projects
Staff Training Center Renewal	Staff Training Center Renewal	Eagle Ridge MS Classroom Addition
Elementary School Stage Access	Park View HS/W.O. Robey HS Addition and Improvements (Design only)	Farmwell Station MS Classroom Addition
Safety & Security Improvements	Safety & Security Improvements	Safety & Security Improvements
Potomac Falls HS Weight Room Expansion	High School Weight Room Expansions	Inclusive Playgrounds
Administrative Office Reconfigurations	Transportation Facility Asphalt Repairs	Transportation Facility Asphalt Repairs
Catoctin ES Addition	High School Baseball/Softball Press Boxes	High School Baseball/Softball Press Boxes
Briar Woods HS Classroom Addition	High School Tennis Court Lighting	High School Tennis Court Lighting
HVAC System Upgrades	Round Hill Center Renewal	Round Hill Center Renewal
Arcola ES Parking Expansion	School Walking Tracks	School Walking Tracks
Park View HS Ticket Booth and Concessions	Modular Classroom Removals	School Bus Washing Station
Waterford ES Modulares	High School Practice Field Turf and Lights	High School Practice Field Turf and Lights
Willard MS Modulares	Banneker ES Addition	Banneker ES Addition
	Fine Arts Storage Improvements	Fine Arts Storage Improvements
	River Bend MS Entrance	Waterford ES Addition
	Unified Communication Systems	Unified Communication Systems
	Privacy Space Conversions	
	Central Vehicle Maintenance/Western Support Center	

ARCOLA ELEMENTARY SCHOOL PARKING/CONNECTION TO NORTHSTAR BOULEVARD

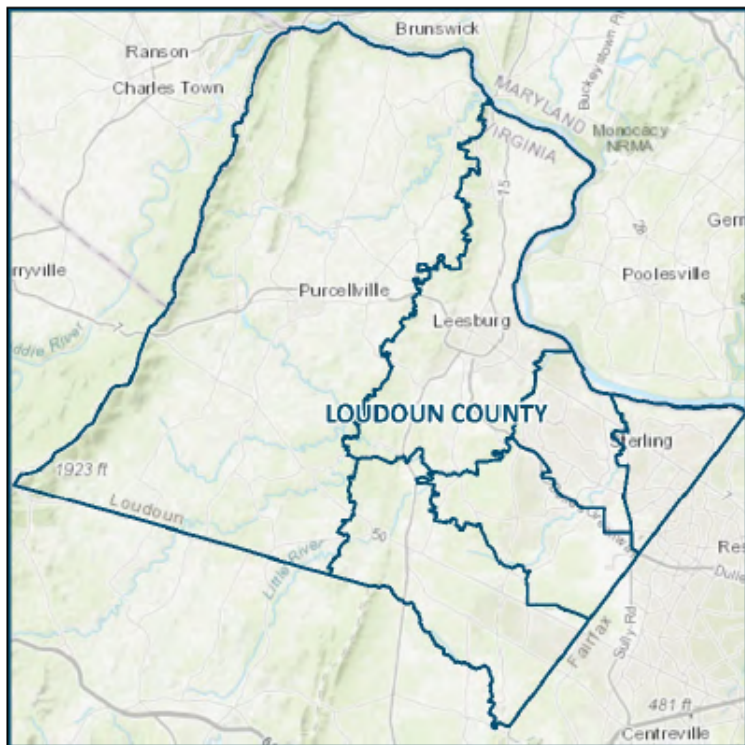


The project will provide a second school entrance from Northstar Boulevard, north of Tall Cedars Parkway. The project scope includes an entrance/exit connection onto Northstar Boulevard, an additional fifty (50) parking spaces, and improved traffic circulation and parent drop-off/pick-up logistics on-site.

Arcola Elementary School currently has a single combined bus and staff/parent entrance from Tall Cedars Parkway, causing considerable vehicle queuing, stacking, and traffic conflicts. The project will connect to Northstar Boulevard after the County constructs the segment of Northstar Boulevard from Route 50/John Mosby Highway to Tall Cedars Parkway, projected to be completed in 2022.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Dulles
LCPS Planning District	Dulles South
Referendum Date	N/A
School Year Opening	2022-2023

ELEMENTARY SCHOOL STAGE ACCESS



This project provides funding for accessibility improvements for stages in twelve (12) elementary schools throughout the County.

Elementary Schools receiving access improvements include:

Aldie ES	Dulles South
Algonkian ES	Eastern Loudoun
Banneker ES	Western Loudoun
Catoctin ES	Central Loudoun
Cool Spring ES	Central Loudoun
Emerick ES	Western Loudoun
Leesburg ES	Central Loudoun
Lincoln ES	Western Loudoun
Lucketts ES	Central Loudoun
Meadowland ES	Eastern Loudoun
Sterling ES	Eastern Loudoun
Waterford ES	Western Loudoun

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	N/A
School Year Opening	TBD

ENERGY CONSERVATION PROJECTS



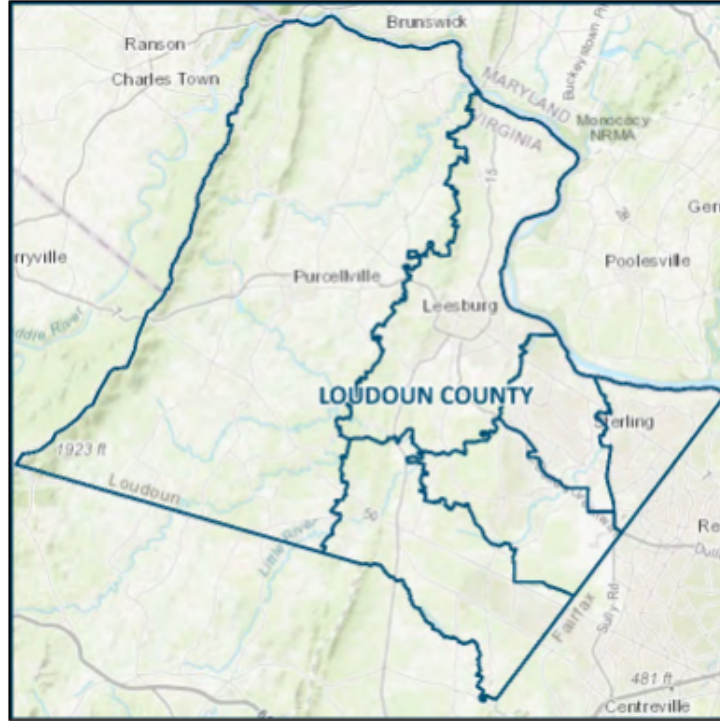
The projects focus on energy conservation in all school buildings, to include:

- Replacing lighting on campus with LED fixtures
- Installing Solar Photo-voltaic arrays
- Replacing electrical transformers
- Recommissioning HVAC energy management systems
- Replacing plumbing fixtures with reduced flow fixtures
- Replacing major mechanical systems
- Applying roof coating and sealant

Funding for the projects are provided from FY 2021 – FY 2029. The focus of the planned work is to reduce utility costs at each school over the next 20 years.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	Various

FINE ARTS STORAGE IMPROVEMENTS

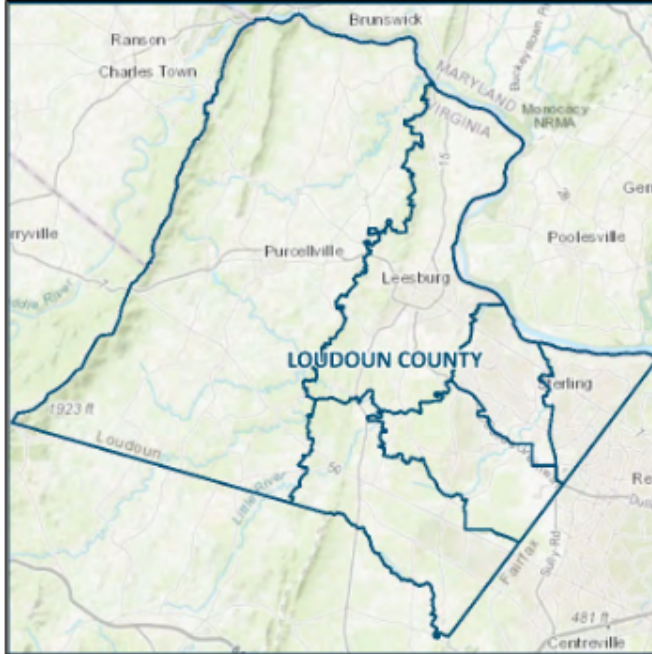


This project provides funding to:

- Design and construct renovations and /or additions to middle schools (17) and high schools (17) to accommodate additional musical instrument storage space within school buildings. Middle School renovations/additions could provide up to 500 square feet of additional space for musical instrument storage at each school. High school renovations/additions could provide up to 900 square feet of additional space for musical instrument storage at each school.
- Design and construct a 900 square foot building for marching band storage, either attached or detached from the main school building as best suited for each site, adjacent to the designated outdoor marching band practice area at each high school.
- Provide for an outdoor marching band observation tower adjacent to each high schools' designated outdoor marching band practice area.

Project Details	
Acres	N/A
Square Feet	TBD
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	TBD

HIGH SCHOOL PRACTICE FIELDS



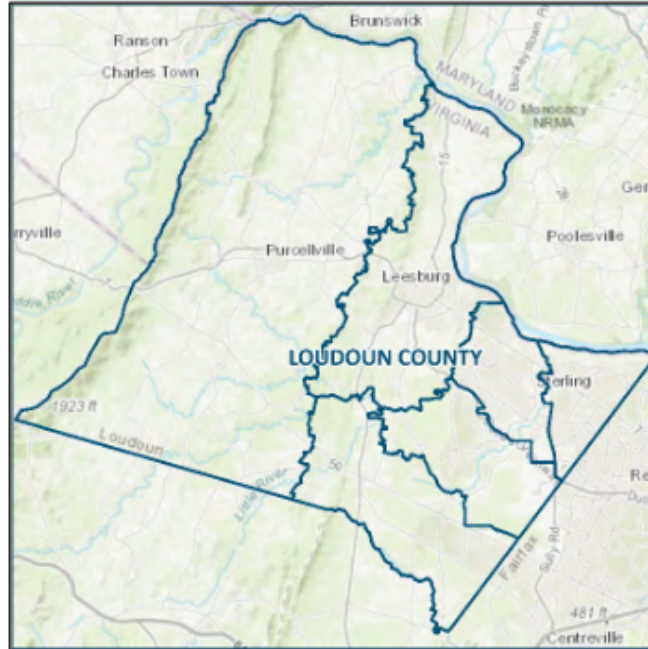
Funding will be provided to install athletic field lighting and synthetic turf to ensure all high schools in the County have two lighted, synthetic turf fields.

The installation of synthetic turf and lights will allow teams to extend the amount of time the fields can be in use for high school athletic teams for practices or matches. The additional high school fields will also be used for County Parks and Recreation athletic programs when the fields are not in use by the high schools.

The project will install synthetic turf at the nine (9) high schools in the County that do not already have a practice field with synthetic turf: Loudoun County High School, Broad Run High School, Potomac Falls High School, Heritage High School, Stone Bridge High School, Dominion High School, Briar Woods High School, Freedom High School, and Tuscarora High School. All high schools in the County will have athletic field lighting installed at one practice field per school.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	Various

HIGH SCHOOL TENNIS COURT LIGHTING

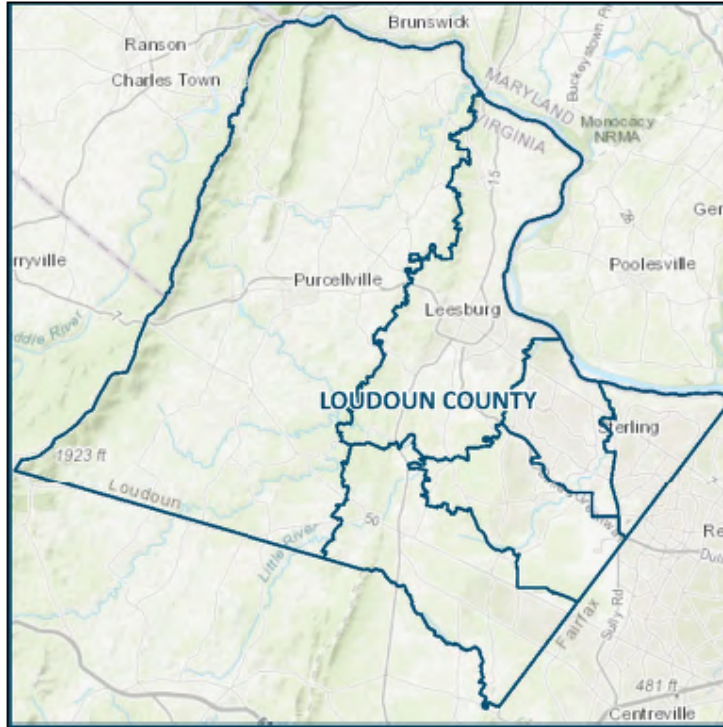


Beginning in FY 2023, funding is requested to install tennis court lights at each LCPS high school where lights do not currently exist. Lighting improvements will be completed over a three-year period. The installation of lights will allow teams to wait out weather delays, avoid the postponement of matches due to loss of light, and enable students to stay in school for the entire instruction day for regular season matches while still completing full length matches.

The fourteen (14) high schools where lights will be installed include: Briar Woods High School, Broad Run High School, Dominion High School, Freedom High School, Heritage High School, John Champe High School, Loudoun County High School, Loudoun Valley High School, Potomac Falls High School, Riverside High School, Rock Ridge High School, Stone Bridge High School, Tuscarora High School, and Woodgrove High School.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	2023-2024 2024-2025 2025-2026

HVAC SYSTEM UPGRADES



The project provides HVAC system upgrades at six (6) schools. The HVAC system will be completely replaced at Aldie Elementary School, Middleburg Community Charter School, and Banneker Elementary School. Partial system replacements will be provided at Loudoun Valley High School, Broad Run High School, and Catoctin Elementary School. The upgrades will improve ventilation and airflow performance where temporary high-efficiency particulate air (HEPA) filter systems are currently in place.

The HVAC system upgrades will be installed at:

- Aldie Elementary School
- Banneker Elementary School
- Broad Run High School
- Catoctin Elementary School
- Loudoun Valley High School
- Middleburg Community Charter School

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	2021-2022

MODULAR CLASSROOM REMOVALS

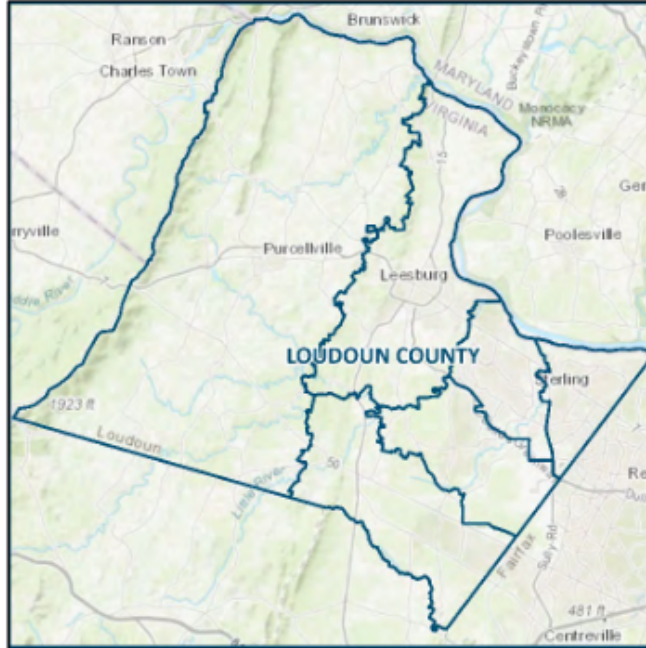


This project provides funding to remove modular classrooms at schools where the useful life of the modular has been met or exceeded, or where continued maintenance of the modular is cost prohibitive.

Where applicable and practical, every intent will be made to provide additional space at the school to make up for the loss of modular classrooms.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	TBD

PRIVACY SPACE CONVERSIONS



This project provides funding to:

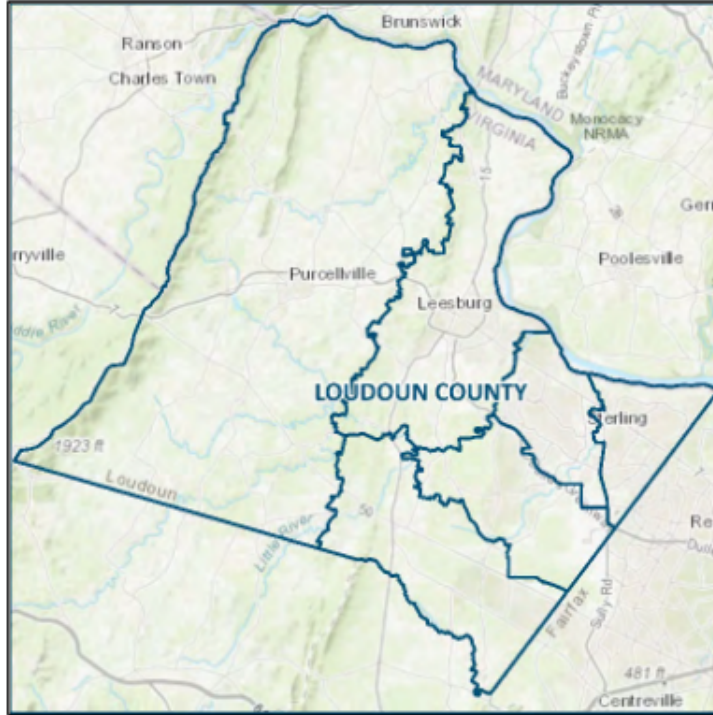
- Continue to expand access to shower rooms, locker rooms, and other private spaces through renovations to locker rooms to provide private shower and changing areas in middle schools and high schools.
- Continue to expand access through renovations to restrooms to provide single occupant, private restrooms, to accommodate students and staff that desire to use private restroom facilities in each school facility.

Staff continues to establish recommendations in consultation with school principals and professional design consultants. The scope of work may vary by school and may be revised as lessons are learned at the school level.

In accordance with School Board action, improvements must be complete by 2026.

Project Details	
Acres	N/A
Square Feet	TBD
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	TBD

SAFETY AND SECURITY IMPROVEMENTS



This project provides funding for closed circuit television (CCTV) improvements, security cameras, and servers at schools throughout the County. This funding is being provided in addition to planned appropriations for the School Security Improvements project in the CIP, which provides for external door access improvements and secure vestibules at schools throughout the County.

The following schools will be addressed in FY 2023:

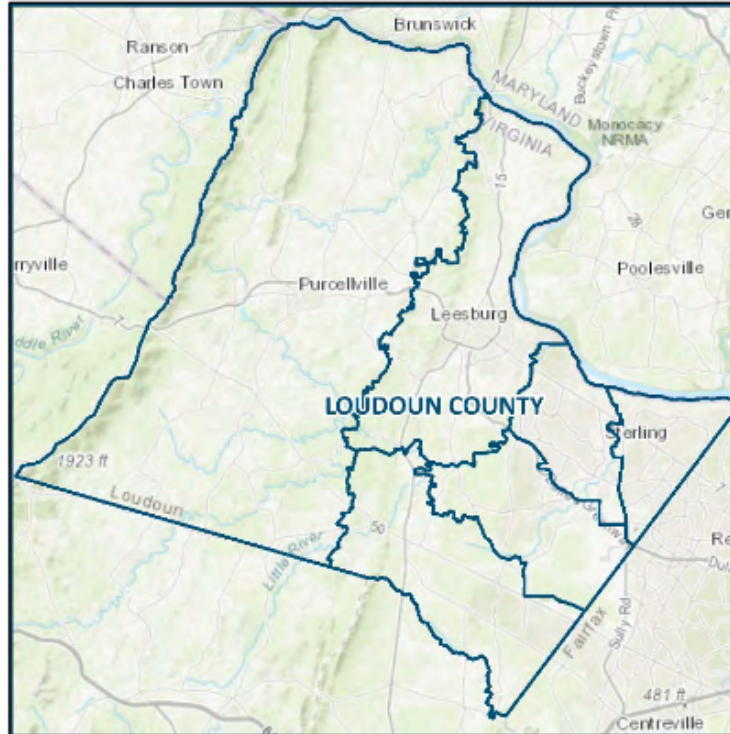
Elementary Schools - Ashburn, Ball's Bluff, Dominion Trail, Evergreen Mill, Hillside, Lovettsville, Lowes Island, Mill Run, Potowmack, Sanders Corner, Sugarland.

Middle Schools - Eagle Ridge, J.L. Simpson, Seneca Ridge.

High Schools – Dominion, Heritage, Rock Ridge.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	N/A
School Year Opening	Various

SCHOOL WALKING TRACKS



The construction of walking tracks at fifteen (15) schools are recommended to enhance the physical education instructional program at schools that currently do not have a track.

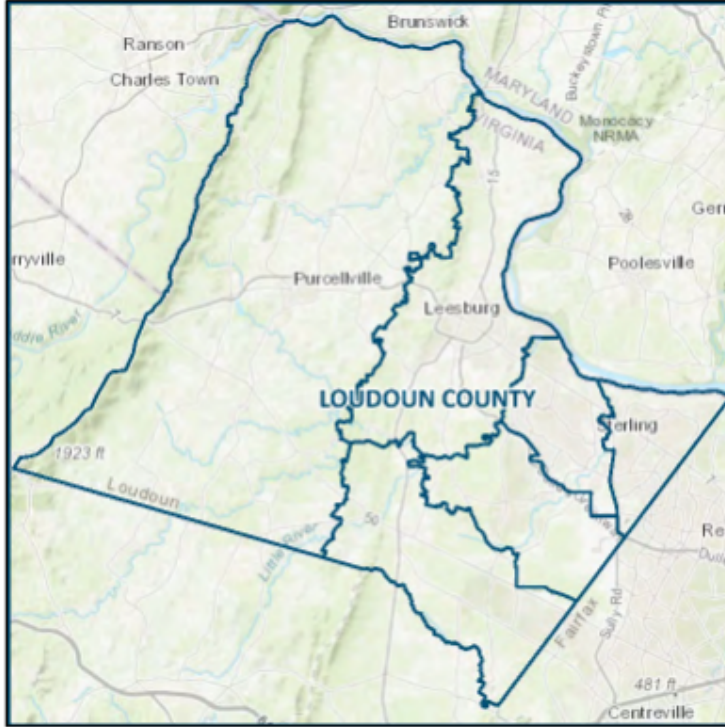
Elementary Schools (12) –Aldie, Algonkian, Countryside, Guilford, John W. Tolbert Jr., Leesburg, Lincoln, Lucketts, Rolling Ridge, Rosa Lee Carter, Sterling, Waterford.

Middle Schools (3) - Seneca Ridge, Smart's Mill, Stone Hill.

The scope of the project may be reduced depending on the allowable use of school cash proffers, as determined by the Town of Leesburg, to provide for school walking tracks at schools located within the Town limits.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	Various

UNIFIED COMMUNICATION SYSTEMS



Unified Communication Systems (UC) are the modern replacement for school intercom, public address, paging, and telephone systems. They create a single integrated system to support school communications and safety. UC systems are IP-based and require new cabling as they do not utilize existing speaker or telephone cabling.

Many of the current systems in LCPS are over 20 years old with the oldest equipment still in use from the 1970's. Funding is provided to establish a yearly refresh cycle for the legacy system equipment and to provide additional data cabling to support network-connected UC components.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	TBD



Capital Budget Community Meeting on Future School Facility Projects - Dulles South Area Focus

August 17, 2022
