



# **Capital Budget Community Meeting on Future School Facility Projects - Western Loudoun Area Focus**

**August 29, 2022**

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# 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

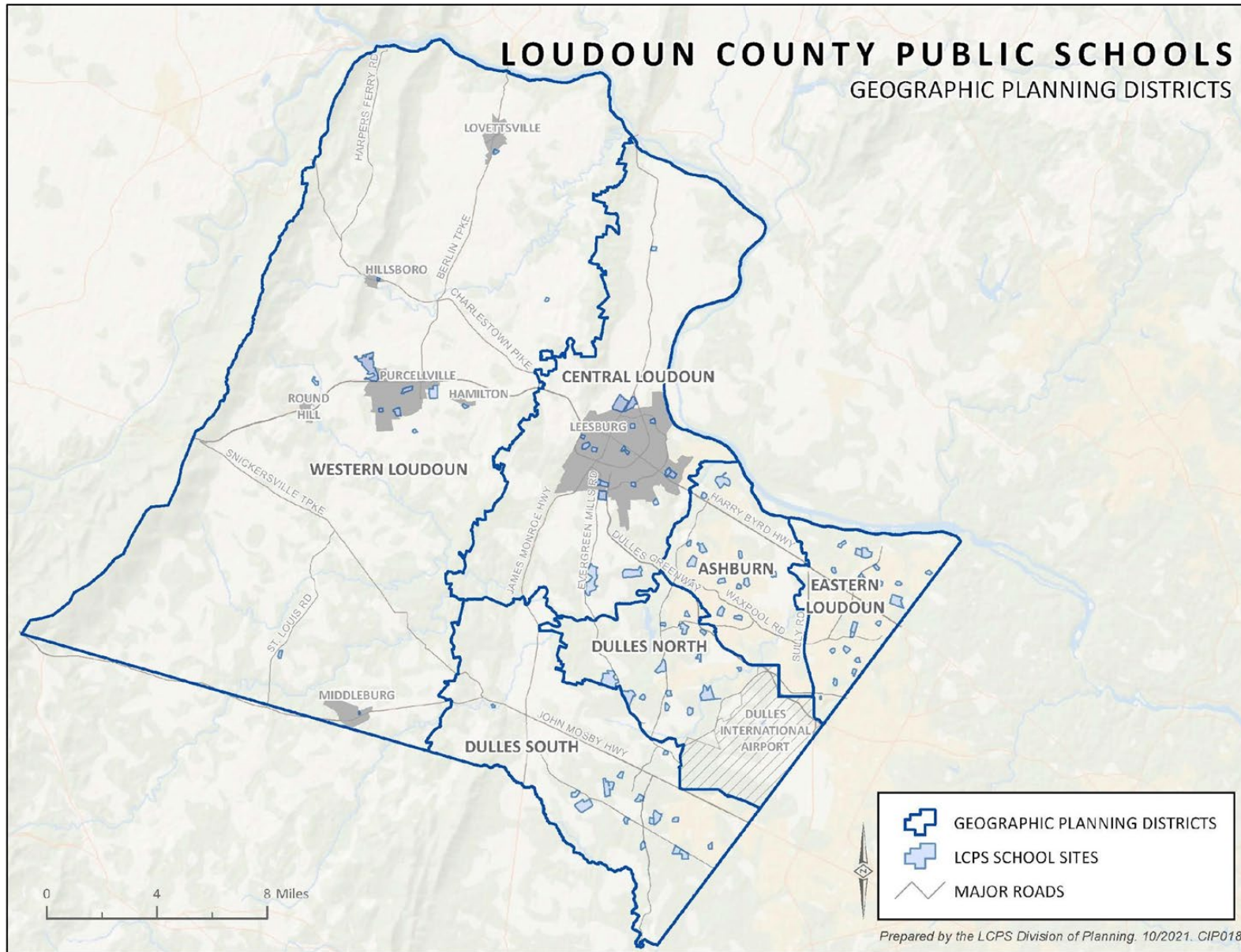
- Short-Term CIP (Fiscal Years 1-6)
  - Years 1 and 2 Most Critical for Project Identification and Funding
  - Individual Project Pages
- Medium-Term CIP (Fiscal Year 7-10)
  - Corresponds to Board of Supervisors 10-Year Capital Needs Assessment (CNA)
- Long-Term Outlook (Years 11-30)

## 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





## WESTERN LOUDOUN GEOGRAPHIC PLANNING DISTRICT

### LOUDOUN VALLEY HIGH SCHOOL CLUSTER

Loudoun Valley High School  
 Blue Ridge Middle School  
 Banneker Elementary School  
 Emerick Elementary School  
 Hamilton Elementary School  
*Kenneth W. Culbert Elementary School*  
 Lincoln Elementary School

### WOODGROVE HIGH SCHOOL CLUSTER

Woodgrove High School  
 Harmony Middle School  
 Lovettsville Elementary School  
*Mountain View Elementary School*  
 Round Hill Elementary School  
 Waterford Elementary School



# Facility Analysis

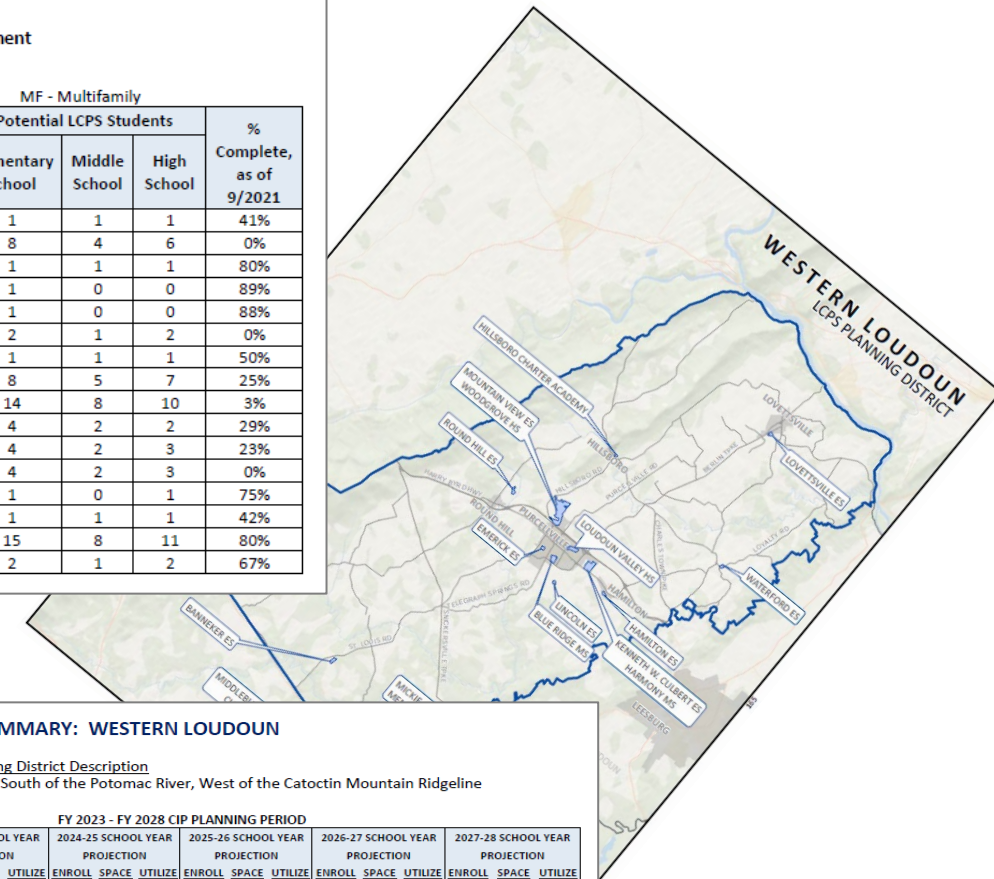
## LCPS Planning District Detail

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

Western Loudoun 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	
AIRMONT FARMS	70	0	0	70	1	1	1	41%
BANBURY CROSS RESERVE	38	0	0	38	8	4	6	0%
BLACK OAK CREEK	35	0	0	35	1	1	1	80%
CASKEY FARM	28	0	0	28	1	0	0	89%
DEBUTTS	25	0	0	25	1	0	0	88%
DOWNNEY FARM	10	0	0	10	2	1	2	0%
EAST ET ALT DIVISION	12	0	0	12	1	1	1	50%
ECOVILLAGE	56	0	0	56	8	5	7	25%
GLENMORE FARM	69	0	0	69	14	8	10	3%
HAWTHORNE DIVISION	24	0	0	24	4	2	2	29%
HUNT RIDGE PRESERVE	26	0	0	26	4	2	3	23%
HUNTERS HILL HAMLET	18	0	0	18	4	2	3	0%
HUNTING HILL	16	0	0	16	1	0	1	75%
JONES FARM	12	0	0	12	1	1	1	42%
LAKE POINT ROUND HILL	380	0	0	380	15	8	11	80%
LONGMOOR FARM ESTATES	33	0	0	33	2	1	2	67%



## ELEMENTARY SCHOOL SUMMARY: WESTERN LOUDOUN

### General Planning District Description

North of Fauquier County, East of Clarke County/West Virginia, South of the Potomac River, West of the Catocin Mountain Ridgeline

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
BANNER ES <sup>A</sup>	263	181	184	79	70%	183	80	70%	192	71	73%	193	70	73%	198	134	60%	204	128	61%
EMERICK ES	549	400	406	143	74%	419	130	76%	428	121	78%	447	102	81%	452	97	82%	453	96	83%
HAMILTON ES	286	159	158	128	55%	158	128	55%	153	133	53%	164	122	57%	164	122	57%	162	124	57%
KENNETH W. CULBERT ES	858	443	429	429	50%	432	426	50%	427	431	50%	443	415	52%	458	400	53%	457	401	53%
LINCOLN ES	138	79	82	56	59%	72	66	52%	70	68	51%	68	70	49%	65	73	47%	67	71	49%
LOVETTSVILLE ES	595	512	493	102	83%	488	107	82%	500	95	84%	523	72	88%	533	62	90%	541	54	91%
MOUNTAIN VIEW ES	812	671	684	128	84%	688	124	85%	712	100	88%	736	76	91%	735	77	91%	731	81	90%
ROUND HILL ES	697	549	561	136	80%	572	125	82%	591	106	85%	598	99	86%	600	97	86%	623	74	89%
WATERFORD ES <sup>B,C</sup>	240	232	245	18	93%	256	7	97%	271	(8)	103%	282	(19)	107%	287	(24)	109%	280	6	98%
	4438	3226	3242	1219		3268	1193		3344	1117		3454	1007		3492	1038		3518	1035	
HILLSBORO CHARTER ACADEMY	144	144				144			144			144			144			144		
MIDDLEBURG COMMUNITY CHARTER	141	144				144			144			144			144			144		

SOME ELEMENTARY SCHOOL STUDENTS RESIDING IN THE CENTRAL LOUDOUN PLANNING DISTRICT ARE CURRENTLY ATTENDING ELEMENTARY SCHOOL IN THE WESTERN LOUDOUN PLANNING DISTRICT.

A - A FIVE (5) CLASSROOM ADDITION IS PROPOSED AT BANNER ES, TO BE COMPLETE BY THE START OF THE 2026-27 SCHOOL YEAR. THE PROPOSED ADDITION WILL REMOVE THE MODULAR CLASSROOMS CURRENTLY ON SITE; ANTICIPATED CAPACITY FOR BANNER ES IN FALL 2026 IS 332.

B - TWO (2) MODULAR CLASSROOMS ARE PLANNED FOR WATERFORD ES, TO BE PLACED PRIOR TO THE START OF THE 2022-23 SCHOOL YEAR. ONE (1) MODULAR CLASSROOM, CURRENTLY ON SITE, WILL BE REMOVED; ANTICIPATED CAPACITY FOR WATERFORD ES IN FALL 2022 IS 263.

C - A FOUR (4) CLASSROOM ADDITION IS PROPOSED AT WATERFORD ES, TO BE COMPLETE BY THE START OF THE 2027-28 SCHOOL YEAR. THE PROPOSED ADDITION WILL REMOVE THE MODULAR CLASSROOMS CURRENTLY ON SITE; ANTICIPATED CAPACITY FOR WATERFORD ES IN FALL 2027 IS 286.

# Western Loudoun: FY 2023 CAPP

## Electrical Projects

Emerick ES, Harmony MS, Hillsboro CA, Loudoun Valley HS, Lovettsville ES,  
Mountain View ES, Waterford ES

## HVAC Projects

Blue Ridge MS, Harmony MS, Mountain View ES, Round Hill ES

## Plumbing Projects

Harmony MS, Round Hill ES

## Resurfacing Projects

Banneker ES, Middleburg CCS, Woodgrove HS

## Structure Repair Projects

Banneker ES, Blue Ridge MS, Emerick ES, Mountain View ES, Waterford ES

# Western Loudoun: FY 2023 – FY 2028 CIP

## Capital Renewal & Alteration Projects

- Banneker ES Addition
- Central Vehicle Maintenance/Western Support Center Improvements
- 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
- Round Hill Center Renewal
- Security Improvements – Lovettsville ES
- School Walking Tracks - Lincoln ES, Waterford ES
- Unified Communication Systems Replacement
- Waterford ES Modular



# Western Loudoun: FY 2023 – FY 2028 CIP

- Elementary School Stage Access
  - Banneker ES, Emerick ES, Lincoln ES, Waterford ES
- HVAC System Upgrades
  - Banneker ES, Loudoun Valley HS, Middleburg CCS
- School Security Improvements, Multi-Year (2019-2024)
- Valley Service Center Replacement / Western Support Center Improvements
- Valley Service Center/Harmony MS/Kenneth W. Culbert ES Traffic Signal

# Banneker Elementary School

## Preliminary Conversations in November 2021 included:

- ±14,000 sf Addition with 5 Classrooms and a Multi-Purpose Room
- Removal of 2 Modular Classrooms
- Renovation of Cafeteria and Other Spaces
- Capital Budget Funding Beginning FY 2024 with Project Completion in Fall 2026



# Waterford Elementary School

## Modular Replacement, Fall 2022

- Replace 1-Classroom Modular with 2-Classroom Modular

## Preliminary Conversations in November 2021 included:

- Similar Scope to Banneker ES Addition Project
- 4-Classroom Addition
- Removal of Modular Classrooms
- Capital Budget Funding Beginning FY 2025 with Project Completion in Fall 2027







## **Traffic Signal, by Fall 2025**

at Valley Service Center and  
Harmony MS /  
Kenneth W. Culbert ES  
Entrance Intersection

# 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**

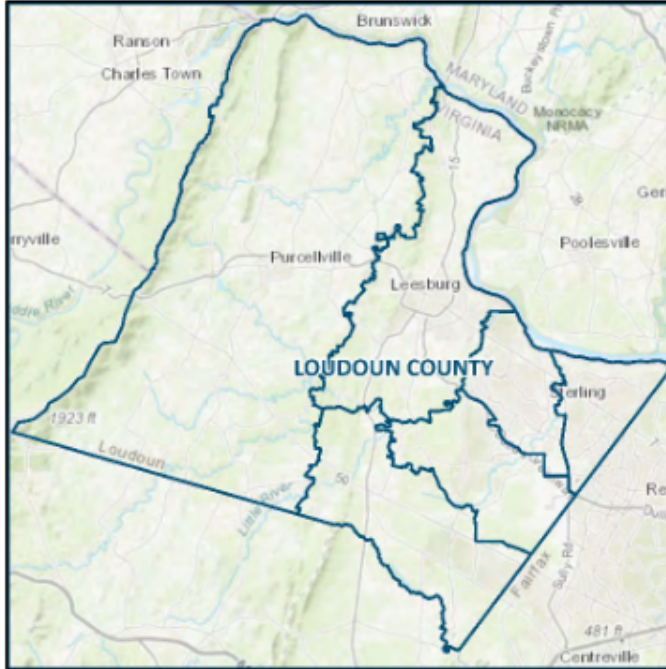
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**August 29, 2022**

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# 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	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																			

# VALLEY SERVICE CENTER REPLACEMENT/WESTERN SUPPORT CENTER IMPROVEMENTS



The Loudoun County School Board purchased the Valley Service Center (VSC) property in FY 2018 after years of operating there under a lease. LCPS Central Vehicle Maintenance Operations utilizes a single-bay garage in the facility. The current function has been relocated to the recently purchased Western Support Center (WSC). Through a partnership between LCPS and the County's Department of Parks, Recreation and Community Services (PRCS), the VSC will be razed and replaced with a shared small engine and miscellaneous equipment repair/maintenance facility; a LCPS/County fuel station; pole barns to store salt, sand, materials and equipment; storage buildings; office space; and staff and work vehicle parking for co-located LCPS and PRCS uses. Funding is also provided for improvements to the WSC bus bays and off-site bus parking at Woodgrove High School.

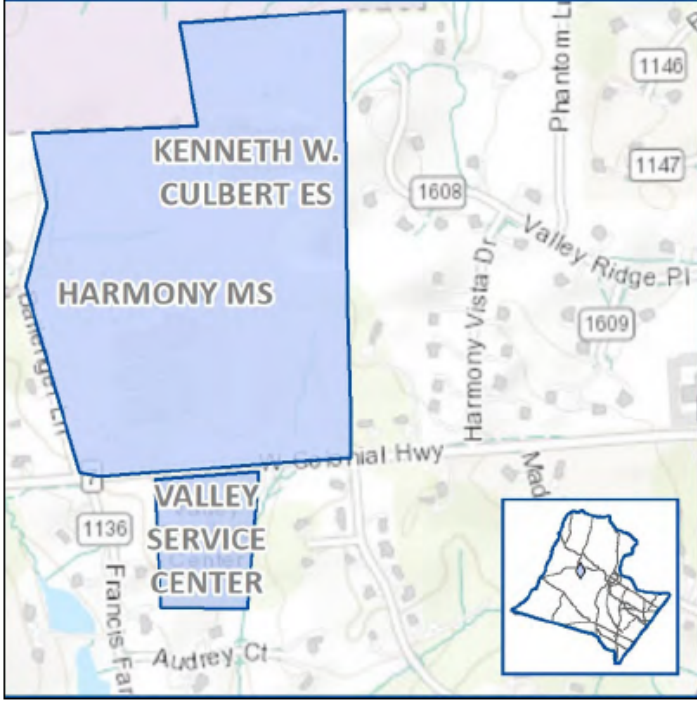
Project Details	
Acres	N/A
Square Feet	43,000
Base Capacity	N/A
Election District	Catoctin
LCPS Planning District	Western Loudoun
Referendum Date	TBD
School Year Opening	2025-2026

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
Valley Service Center Replacement/Western Support Center Improvements	Design	\$ 1.595	DESIGN				BID																			
	Construction and FFE	\$ 12.365						CONSTRUCTION				FFE	OPEN													
	Total Appropriations	\$ 13.960	\$ 1.595				\$ 12.365																			

SCHOOL BOARD ADOPTED FY 2023 – FY 2028 CAPITAL BUDGETS

JANUARY 11, 2022

# VALLEY SERVICE CENTER TRAFFIC SIGNAL



As part of the approved proffers for the rezoning completed with the purchase of the Valley Service Center property, a traffic signal warrant study was completed in 2017 for the intersection of the Valley Service Center entrance, West Colonial Highway, and entrance to Harmony Middle School/Kenneth W. Culbert Elementary School. The study determined that a traffic signal is needed at the intersection. The proffer provided that the signal would be installed when warranted, contingent on funding. The funding for the traffic signal is timed to coincide with the replacement of the Valley Service Center facility.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Catoctin
LCPS Planning District	Western Loudoun
Referendum Date	TBD
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
Valley Service Center Traffic Signal	Design						DESIGN		BID																	
	Construction	\$ 0.655											CONSTRUCTION	OPEN												
	Total Appropriations	\$ 0.655								\$ 0.655																



# SCHOOL BUS REPLACEMENT AND ACQUISITION



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

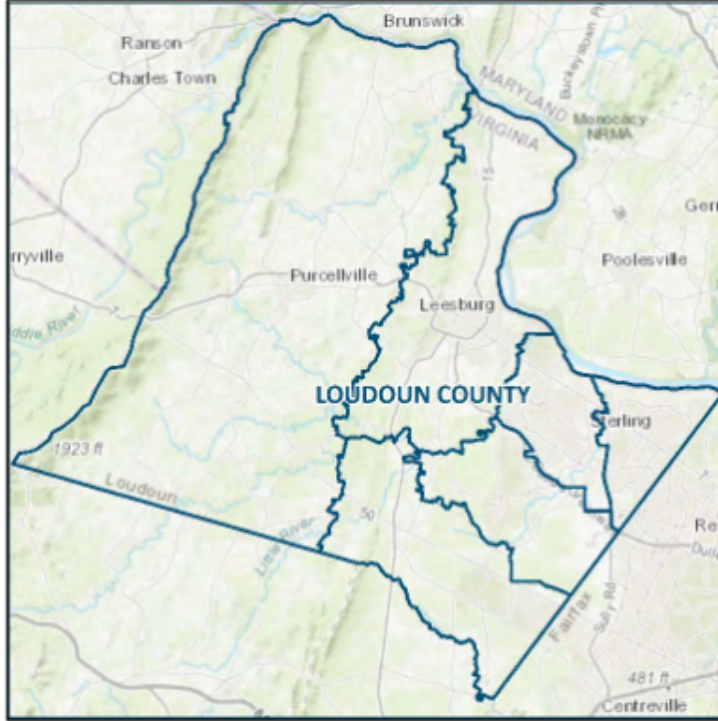
In support of the 2020 Loudoun County School Board resolution on Climate Change, the Division of Transportation began an electric bus pilot program to explore ways to reduce our carbon footprint. LCPS school buses travel over 8 million miles each year and produce over 20 tons of carbon monoxide into 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 2<sup>nd</sup> 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			

# 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.

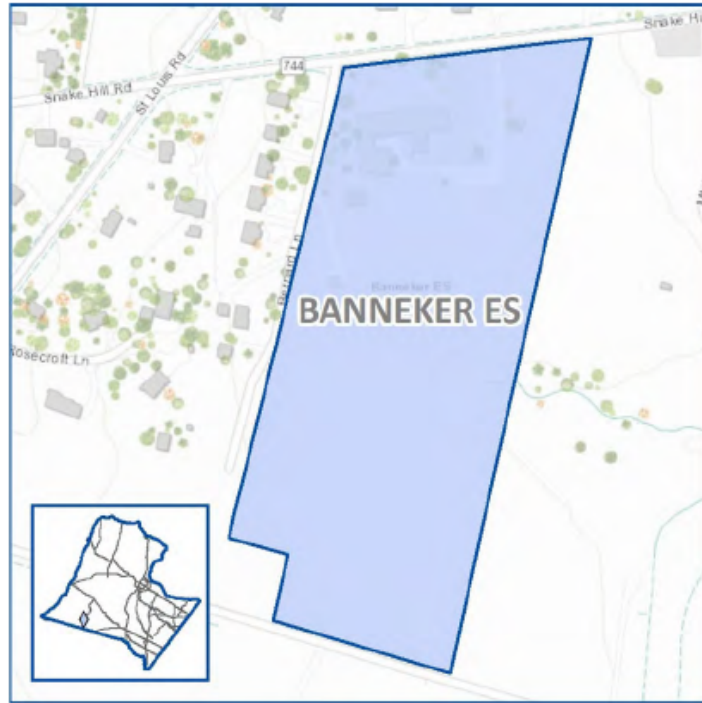
Project Details	
Acres	TBD
Square Feet	N/A
Base Capacity	N/A
Election District	Countywide
LCPS Planning District	Countywide
Referendum Date	TBD
School Year Opening	N/A

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	

# BANNEKER ELEMENTARY SCHOOL ADDITION



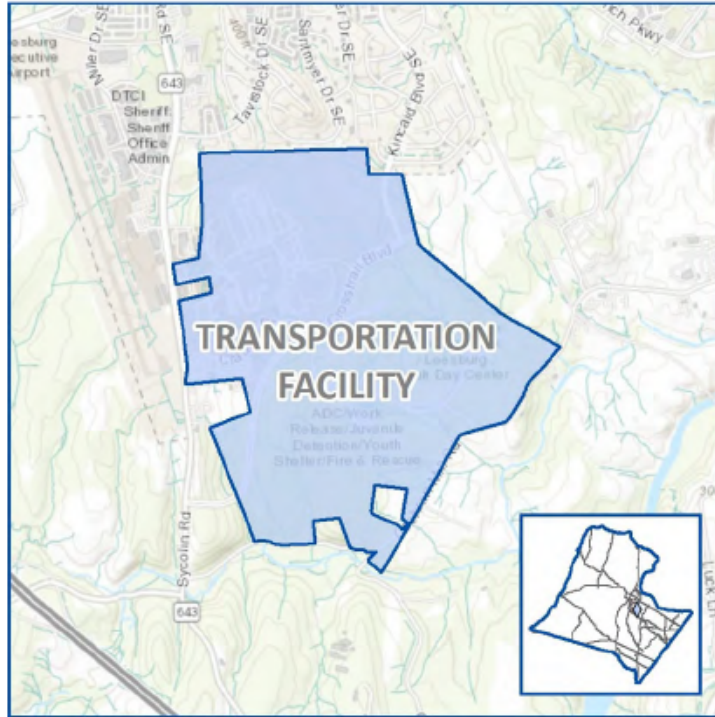
This project provides funding to design and construct the following at Banneker Elementary School:

- A 14,579 square foot addition for a multi-purpose room and five-classrooms.
- The multi-purpose room provides program space as a gymnasium and auditorium with associated storage and office space.
- The five-classroom addition accommodates kindergarten classroom space and provides additional restrooms in the building.
- Additional renovations to the cafeteria, kitchen, and office space.
- The project will also remove existing modulares from the school site.

Project Details	
Acres	N/A
Square Feet	14,579
Base Capacity	N/A
Election District	Blue Ridge
LCPS Planning District	Western Loudoun
Referendum Date	N/A
School Year Opening	2026-2027



# CENTRAL VEHICLE MAINTENANCE/ WESTERN SUPPORT CENTER IMPROVEMENTS



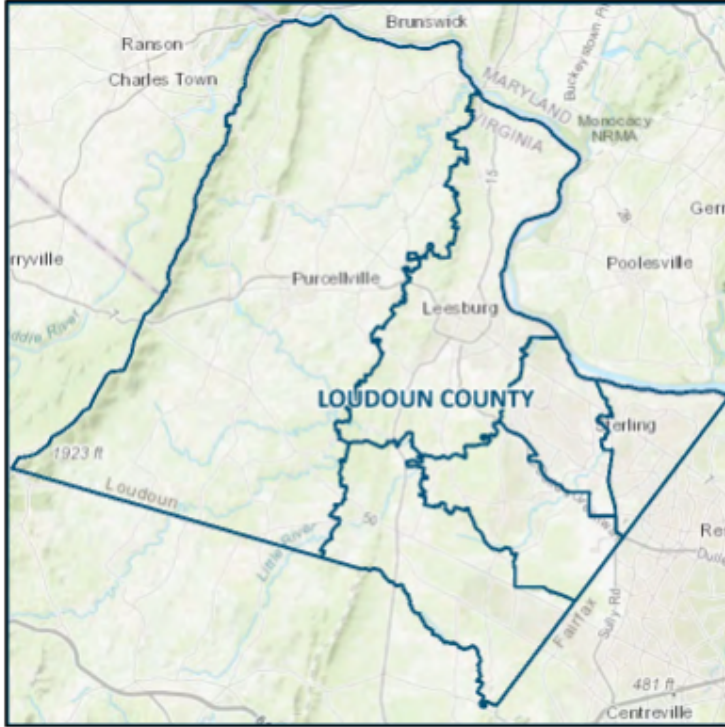
The project provides funding to renovate the central vehicle maintenance facility at the Government Support Center near Leesburg.

As LCPS' bus fleet adds more electric buses, the bus bays and equipment will need to be re-furbished to provide electric vehicle maintenance and servicing.

Funding is also provided for Phase 2 improvements that may be required at the Western Support Center.

Project Details	
Acres	N/A
Square Feet	N/A
Base Capacity	N/A
Election District	Blue Ridge Catoclin
LCPS Planning District	Central Loudoun Western Loudoun
Referendum Date	TBD
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

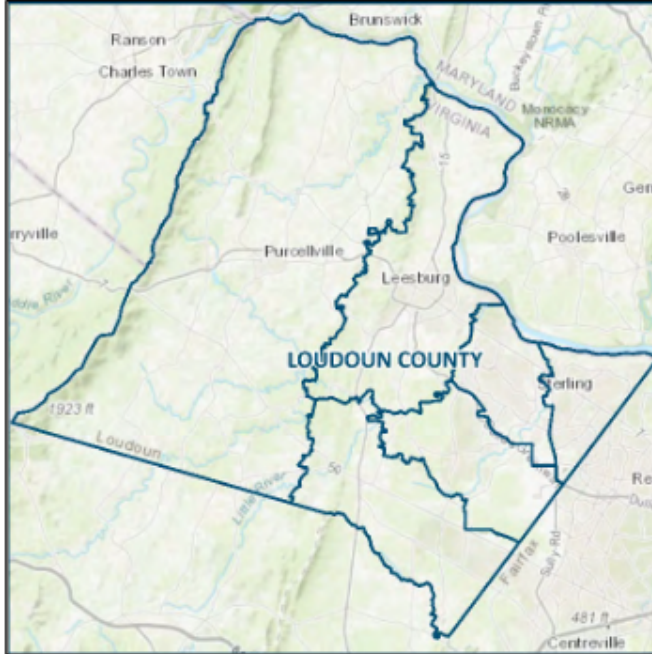


This project provides funding to:

- 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.

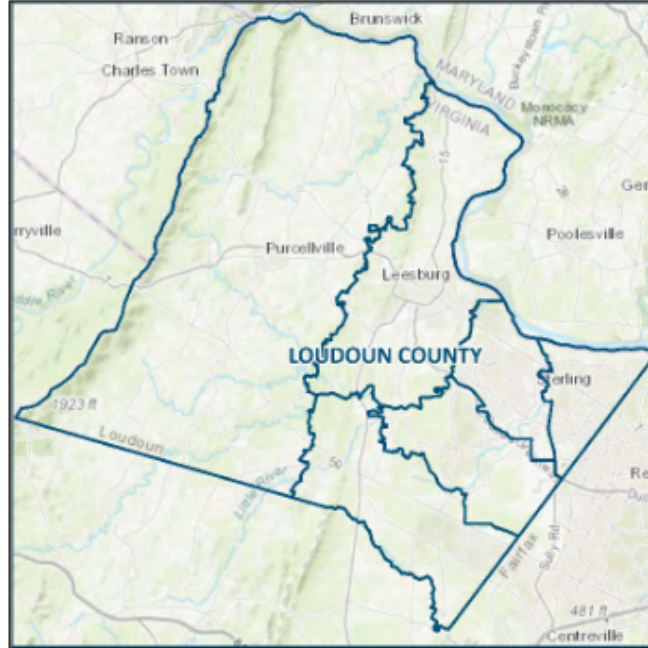
The installation of synthetic turf and lights will allow teams to extend the amount of time the fields can be in use for high school athletic teams for practices or matches. The additional high school fields will also be used for County Parks and Recreation athletic programs when the fields are not in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

# MODULAR CLASSROOM REMOVALS

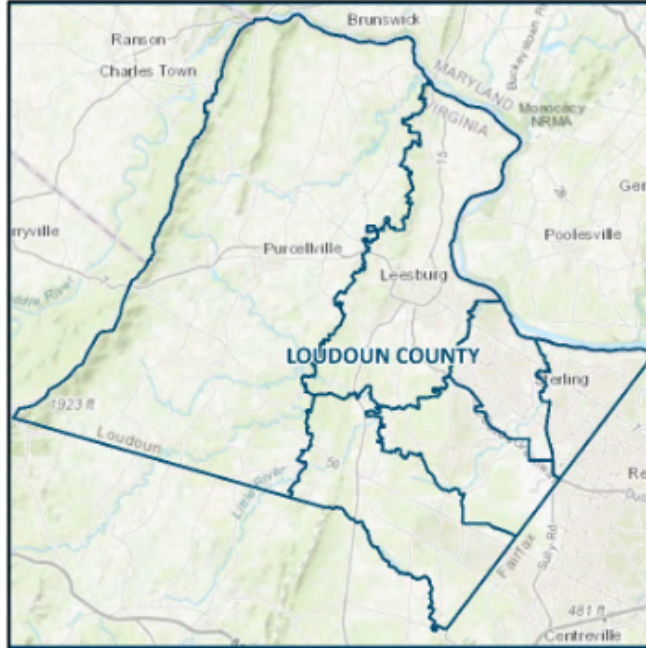


This project provides funding to remove modular classrooms at schools where the useful life of the modular has been met or exceeded, or where continued maintenance of the modular is cost prohibitive.

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:

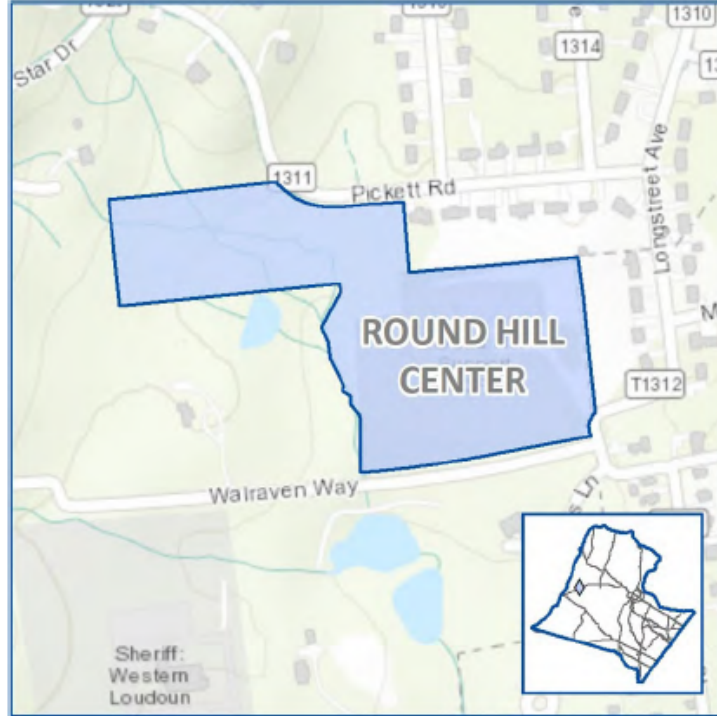
- Continue to expand access to shower rooms, locker rooms, and other private spaces through renovations to locker rooms to provide private shower and changing areas in middle schools and high schools.
- Continue to expand access through renovations to restrooms to provide single occupant, private restrooms, 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

# ROUND HILL CENTER RENEWAL



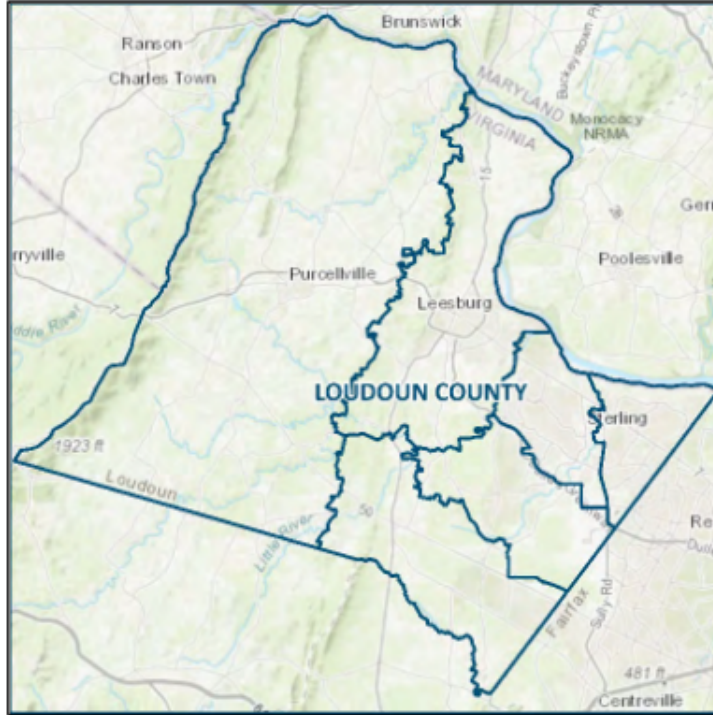
Replacements, repairs, and updates will be undertaken to critical systems (including heat, air conditioning, ventilation, boiler and water systems, piping, light fixtures, switchgear, fire sprinkler/fire alarm, emergency generator, and other related infrastructure). Renewals and restorations (typically surfaces, roofs, carpet, painting, windows, and similar aspects of a facility) will be included as needed.

Most of the facility components have surpassed their life cycle and need major repairs or replacement for effective and efficient operation. The purpose is to protect the capital investment in the facility, extend the life-cycle of the critical systems and renewal items, avoid the loss of time due to critical system failure, reduce deferred maintenance costs, and re-configure space to create optimum working environments for staff.

Project Details	
Acres	3.12
Square Feet	22,818
Base Capacity	N/A
Election District	Blue Ridge
LCPS Planning District	Western Loudoun
Referendum Date	TBD
School Year Opening	2029-2030



# 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:

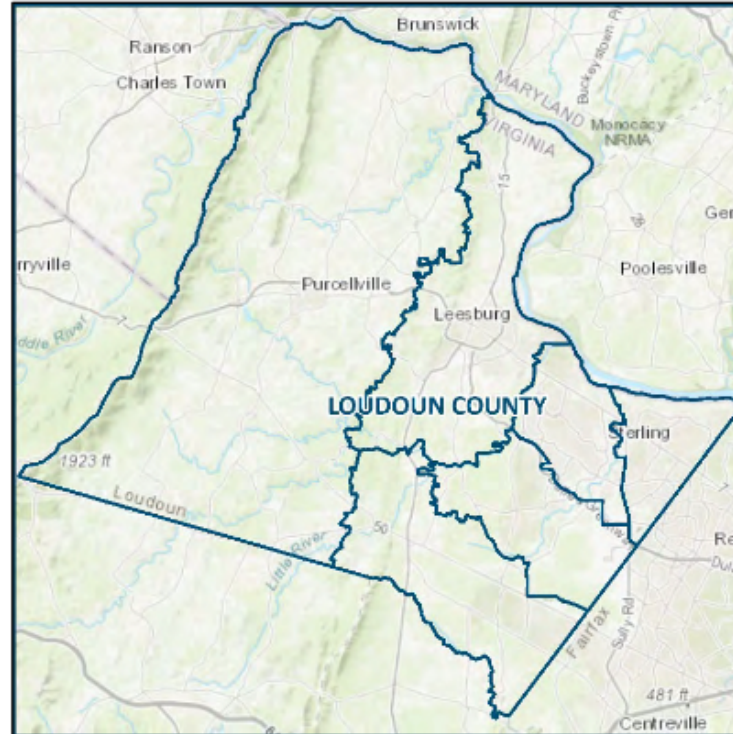
Elementary Schools - Ashburn, Ball's Bluff, Dominion Trail, Evergreen Mill, Hillside, Lovettsville, Lowes Island, Mill Run, Potowmack, Sanders Corner, Sugarland.

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.

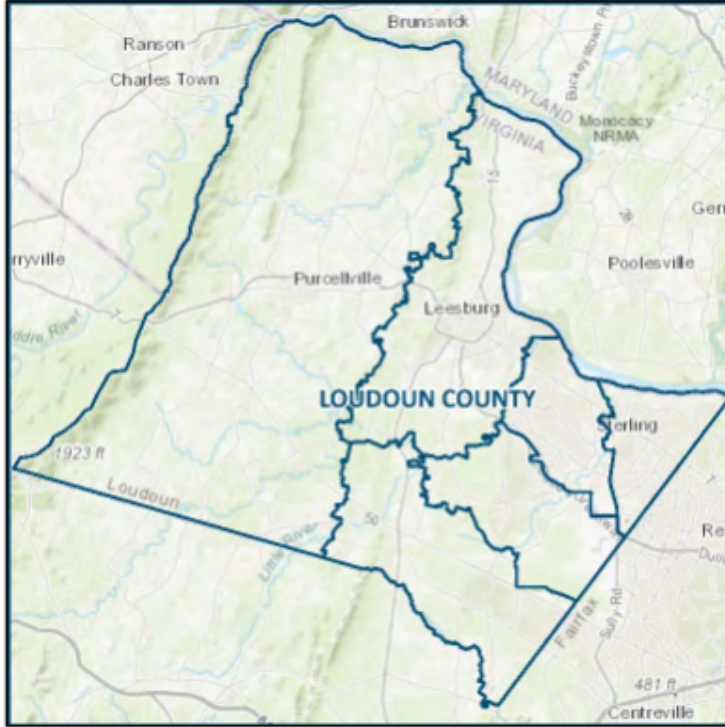
Elementary Schools (12) –Aldie, Algonkian, Countryside, Guilford, John W. Tolbert Jr., Leesburg, Lincoln, Lucketts, Rolling Ridge, Rosa Lee Carter, Sterling, Waterford.

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

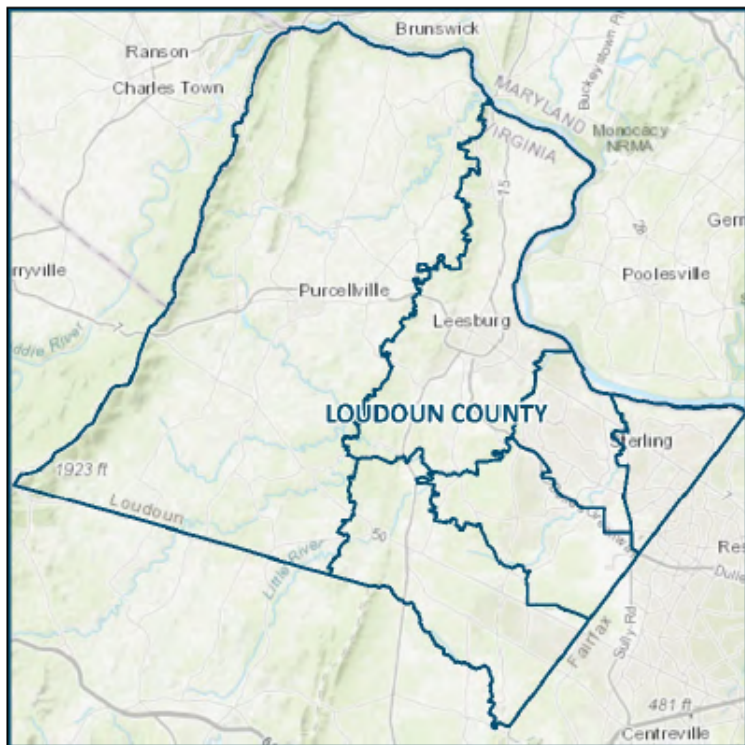


Unified Communication Systems (UC) are the modern replacement for school intercom, public address, paging, and telephone systems. They create a single integrated system to support school communications and safety. UC systems are IP-based and require new cabling as they do not utilize existing speaker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

# ELEMENTARY SCHOOL STAGE ACCESS



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

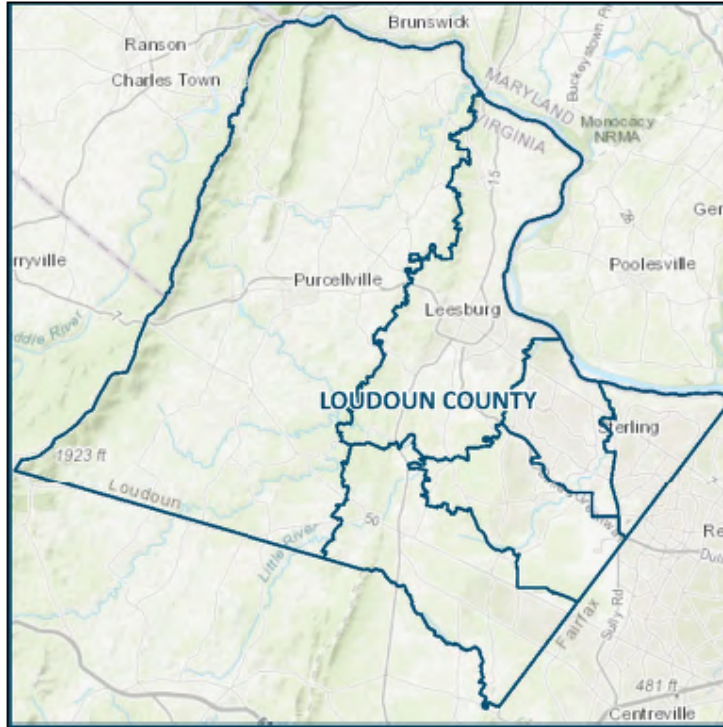
Elementary Schools receiving access improvements include:

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



# 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



# **Capital Budget Community Meeting on Future School Facility Projects - Western Loudoun Area Focus**

**August 29, 2022**

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