



Capital Improvement Program Schools Projects

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School Projects

Capital Improvement Program										
School Projects										
Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Project Costs										
Elementary Schools	88,470	-	-	7,250	56,290	-	10,075	73,615	350,505	512,590
Middle Schools	-	8,460	80,310	-	-	-	13,585	102,355	212,825	315,180
High Schools	198,431	-	-	-	-	21,985	158,500	180,485	206,115	585,031
Other School Facilities	44,080	78,815	72,855	80,060	97,150	59,745	60,280	448,905	118,655	611,640
Total Cost	330,981	87,275	153,165	87,310	153,440	81,730	242,440	805,360	888,100	2,024,441
Funding Sources										
Local Tax Funding	39,714	24,420	1,305	16,850	10,000	10,000	-	62,575	-	102,289
General Obligation Bonds	281,117	54,115	133,140	61,705	134,205	61,985	232,160	677,310	834,065	1,792,492
Lease Revenue Financing	8,400	8,740	18,720	8,755	9,235	9,745	10,280	65,475	54,035	127,910
Cash Proffers	1,750	-	-	-	-	-	-	-	-	1,750
Total Financing	330,981	87,275	153,165	87,310	153,440	81,730	242,440	805,360	888,100	2,024,441



Capital Improvement Program Elementary Schools

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Elementary Schools

Capital Improvement Program											
Elementary Schools											
Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total	
Projects											
ES-23 Dulles North	44,235	-	-	-	-	-	-	-	-	44,235	
ES-24 Central Loudoun	-	-	-	-	-	-	-	-	70,930	70,930	
ES-29 Dulles South	44,235	-	-	-	-	-	-	-	-	44,235	
ES-32 Dulles South	-	-	-	7,250	56,290	-	-	63,540	-	63,540	
ES-34 Dulles North	-	-	-	-	-	-	10,075	10,075	66,785	76,860	
ES-36 Dulles South	-	-	-	-	-	-	-	-	70,930	70,930	
Elementary School (ES-37) Undesignated Location	-	-	-	-	-	-	-	-	70,930	70,930	
Elementary School (ES-38) Undesignated Location	-	-	-	-	-	-	-	-	70,930	70,930	
Total Cost	88,470	-	-	7,250	56,290	-	10,075	73,615	350,505	512,590	
Funding Source											
General Obligation Bonds	88,470	-	-	7,250	56,290	-	10,075	73,615	350,505	512,590	
Total Financing	88,470	-	-	7,250	56,290	-	10,075	73,615	350,505	512,590	



Elementary Schools

Elementary School (ES-32) Dulles South

Details:

Project Number: n/a

Election District: n/a

Square Feet: 106,323

LCPS Planning District: Dulles South

Estimated Completion Year: FY 2026

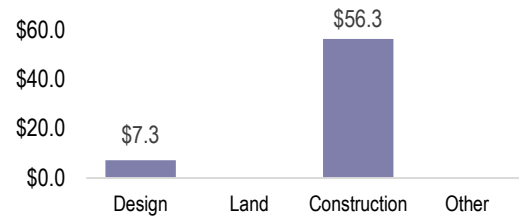
Referendum: November 2021

Background:

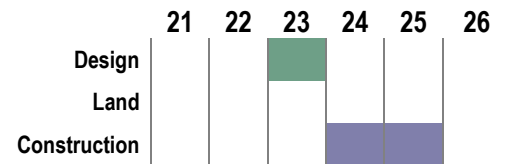
The elementary school will be built using a multi-story design. The estimated 106,323 square foot building will serve students in kindergarten through grade five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room,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

A site will need to be acquired for ES-32 in the Dulles South Planning District.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	7,250	-	-	-	7,250	-	7,250
Construction	-	-	-	-	56,290	-	-	56,290	-	56,290
Total Cost	-	-	-	7,250	56,290	-	-	63,540	-	63,540
General Obligation Bonds	-	-	-	7,250	56,290	-	-	63,540	-	63,540
Total Financing	-	-	-	7,250	56,290	-	-	63,540	-	63,540

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	-	448	4,895	6,395	11,737
Total Impact	-	-	-	448	4,895	6,395	11,737



Elementary Schools

Elementary School (ES-34) Dulles North

Details:

Project Number: n/a

Election District: Dulles

Square Feet: 106,323

LCPS Planning District: Dulles North

Estimated Completion Year: FY 2029

Referendum: November 2024

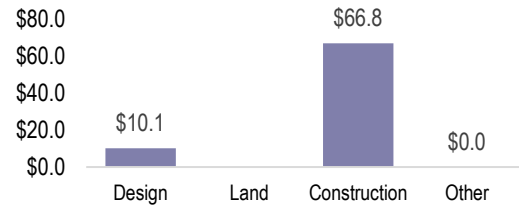
Background:

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 five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

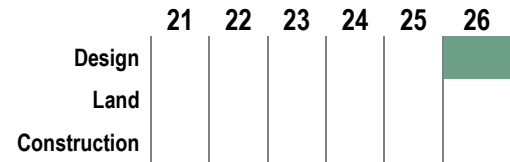
Additional funding is provided in the project budget for a structured parking facility on the site, to serve the school.

ES-34 is planned to be in the Dulles North Planning District, on a proffered site in the Silver District West development.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	10,075	10,075	-	10,075
Construction	-	-	-	-	-	-	-	-	66,785	66,785
Total Cost	-	-	-	-	-	-	10,075	10,075	66,785	76,860
General Obligation Bonds	-	-	-	-	-	-	10,075	10,075	66,785	76,860
Total Financing	-	-	-	-	-	-	10,075	10,075	66,785	76,860

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	-	-	-	5,380	5,380
Total Impact	-	-	-	-	-	5,380	5,380



Capital Improvement Program Middle Schools

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Middle Schools

Capital Improvement Program										
Middle Schools										
Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Projects										
Middle School (MS-14) Dulles North	-	8,460	80,310	-	-	-	-	88,770	-	88,770
Middle School (MS-19) Undesignated Location	-	-	-	-	-	-	13,585	13,585	99,620	113,205
Middle School (MS-15) Undesignated Location	-	-	-	-	-	-	-	-	113,205	113,205
Total Cost	-	8,460	80,310	-	-	-	13,585	102,355	212,825	315,180
Funding Source										
General Obligation Bonds	-	8,460	80,310	-	-	-	13,585	102,355	212,825	315,180
Total Financing	-	8,460	80,310	-	-	-	13,585	102,355	212,825	315,180



Middle Schools

Middle School (MS- 14) Dulles North

Details:

Project Number: n/a

Election District: n/a

Square Feet: 184,593

LCPS Planning District: Dulles North

Estimated Completion Year: FY 2025

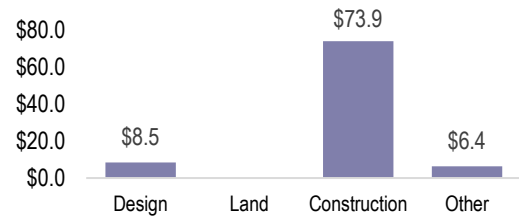
Referendum: November 2019

Background:

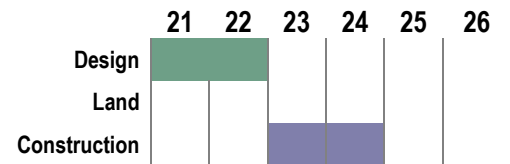
The middle school will be built using a two-story middle school design. The estimated 184,593-square-foot building will serve students in grades six through eight. With an anticipated program capacity of 1,445, the middle school design will utilize the 'house' concept for each grade and will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium, and unlighted outdoor physical education fields.

A site will need to be acquired for MS-14 in the Dulles North Planning District.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	8,460	-	-	-	-	-	8,460	-	8,460
Construction	-	-	73,910	-	-	-	-	73,910	-	73,910
Furniture, Fixtures & Equip	-	-	6,400	-	-	-	-	6,400	-	6,400
Total Cost	-	8,460	80,310	-	-	-	-	88,770	-	88,770
General Obligation Bonds	-	8,460	80,310	-	-	-	-	88,770	-	88,770
Total Financing	-	8,460	80,310	-	-	-	-	88,770	-	88,770

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	442	3,220	8,033	9,071	8,825	29,590
Total Impact	-	442	3,220	8,033	9,071	8,825	29,590



Middle Schools

Middle School (MS- 19) Undesignated Location

Details:

Project Number: n/a

Election District: n/a

Square Feet: 184,593

LCPS Planning District: n/a

Estimated Opening Year: FY 2030

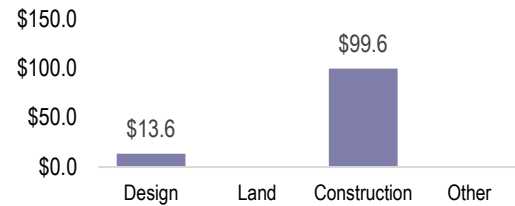
Referendum: November 2024

Background:

The middle school will be built using a two-story middle school design. The estimated 184,593-square-foot building will serve students in grades six through eight. With an anticipated program capacity of 1,445, the middle school design will use the 'house' concept for each grade and will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium, and unlighted outdoor physical education fields.

A site will need to be acquired for MS-19.

Phase Costs in Millions



Project Phase Timeline by FY

	21	22	23	24	25	26
Design						
Land						
Construction						

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	13,585	13,585	-	13,585
Construction	-	-	-	-	-	-	-	-	99,620	99,620
Total Cost	-	-	-	-	-	-	13,585	13,585	99,620	113,205
General Obligation Bonds	-	-	-	-	-	-	13,585	13,585	99,620	113,205
Total Financing	-	-	-	-	-	-	13,585	13,585	99,620	113,205

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	-	-	-	5,660	5,660
Total Impact	-	-	-	-	-	5,660	5,660



Capital Improvement Program High Schools

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High Schools

Capital Improvement Program										
High Schools										
Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Projects										
CS Monroe Center Replacement/North Star School	64,943	-	-	-	-	-	-	-	-	64,943
HS-9 Lightridge High School	125,540	-	-	-	-	-	-	-	-	125,540
High School (HS-14) Dulles North	-	-	-	-	-	21,985	158,500	180,485	11,605	192,090
HS Stadium Synthetic Turf and Track Resurfacing	7,948	-	-	-	-	-	-	-	-	7,948
High School (HS-15) Undesignated Location	-	-	-	-	-	-	-	-	194,510	194,510
Total Cost	198,431	-	-	-	-	21,985	158,500	180,485	206,115	585,031
Funding Source										
Local Tax Funding	17,300	-	-	-	-	-	-	-	-	17,300
General Obligation Bonds	179,381	-	-	-	-	21,985	158,500	180,485	206,115	565,981
Cash Proffers	1,750	-	-	-	-	-	-	-	-	1,750
Total Financing	198,431	-	-	-	-	21,985	158,500	180,485	206,115	585,031



High Schools

High School (HS- 14) Dulles North

Details:

Project Number: n/a

Election District: n/a

Square Feet: 305,254

LCPS Planning District: Dulles North

Estimated Opening Year: FY 2029

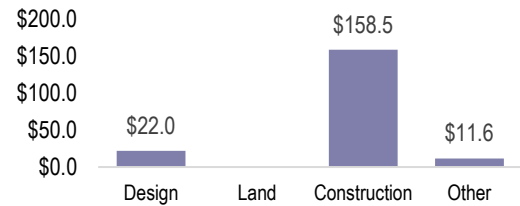
Referendum: November 2023

Background:

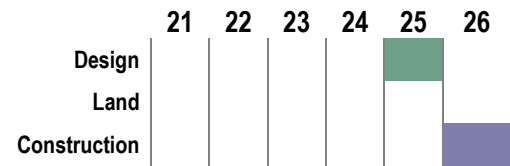
The high school will be built using a two-story high school design. The estimated 305,254-square-foot building will serve students in grades nine through twelve. With an anticipated program capacity of 2,100, the high school will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium, outdoor physical education fields, and other associated spaces to support the high school program.

A site will need to be acquired for HS-14 in the Dulles North School Planning District.

Phase Costs in Millions

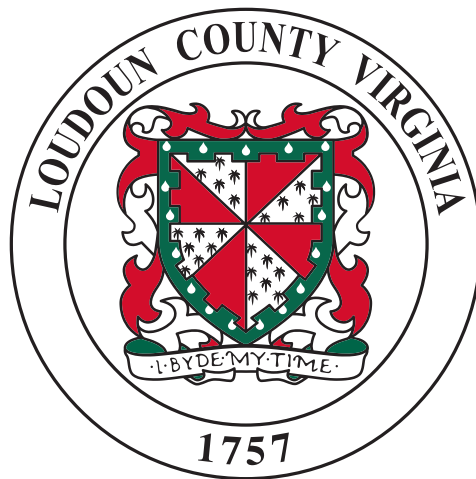


Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	21,985	-	21,985	-	21,985
Construction	-	-	-	-	-	-	158,500	158,500	-	158,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	11,605	11,605
Total Cost	-	-	-	-	-	21,985	158,500	180,485	11,605	192,090
General Obligation Bonds	-	-	-	-	-	21,985	158,500	180,485	11,605	192,090
Total Financing	-	-	-	-	-	21,985	158,500	180,485	11,605	192,090

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	-	-	-	1,058	1,058
Total Impact	-	-	-	-	-	1,058	1,058





Capital Improvement Program Other School

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Other School

Capital Improvement Program											
Other School Projects											
	Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Projects											
Broadband Infrastructure		3,250	1,750	-	-	-	-	-	1,750	-	5,000
Douglass School Renewal		-	-	9,320	-	-	-	-	9,320	-	9,320
Eastern Transportation Facility		-	-	-	-	-	-	-	-	31,250	31,250
Field House and Indoor Track Facility		-	-	-	-	-	-	-	-	33,370	33,370
John W. Tolbert, Jr. Elementary School / Keystone Drive		-	1,000	-	-	-	-	-	1,000	-	1,000
Joint Use Dry Bulk Storage Facility		-	8,200	-	-	-	-	-	8,200	-	8,200
LCPS Facility Renewal and Alterations – Undesignated		6,490	30,120	21,155	49,425	52,985	50,000	50,000	253,685		260,175
School Bus Radio Replacements and UHF System Upgrade		-	-	10,420	-	-	-	-	10,420	12,915	23,335
School Bus Replacement and Acquisition		19,990	7,865	8,300	8,755	9,235	9,745	10,280	54,180	41,120	115,290
School Security Improvements		14,350	29,880	22,800	11,615	-	-	-	64,295	-	78,645
Student Welcome Center at Sterling Elementary School		-	-	860	6,850	-	-	-	7,710	-	7,710
Valley Service Center & Kenneth W. Culbert Elementary School Bus Parking		-	-	-	3,415	34,275	-	-	37,690	-	37,690
Valley Service Center Traffic Signal		-	-	-	-	655	-	-	655	-	655
Total Cost		44,080	78,815	72,855	80,060	97,150	59,745	60,280	448,905	118,655	611,640
Funding Source											
Local Tax Funding		22,414	24,420	1,305	16,850	10,000	10,000	-	62,575	-	84,989
General Obligation Bonds		13,266	45,655	52,830	54,455	77,915	40,000	50,000	320,855	64,620	398,741
Lease Revenue Financing		8,400	8,740	18,720	8,755	9,235	9,745	10,280	65,475	54,035	127,910
Total Financing		44,080	78,815	72,855	80,060	97,150	59,745	60,280	448,905	118,655	611,640



Other School Projects

Broadband Infrastructure

Details:

Project Number: n/a

Election District: Countywide

Square Feet: n/a

LCPS Planning District: Countywide

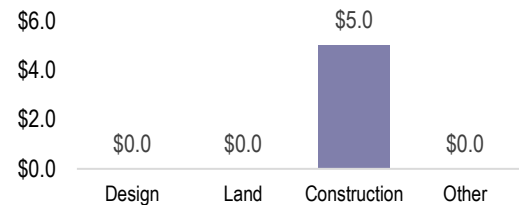
Estimated Opening Year: Ongoing

Referendum: n/a

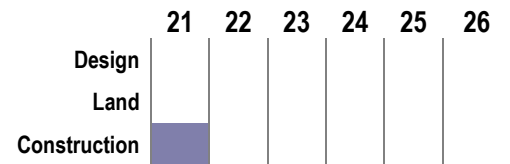
Background:

To meet the increasing demands for bandwidth, Loudoun County Public Schools (LCPS) plans to upgrade its network infrastructure and improve services. LCPS will engage a contractor to install school-dedicated fiber connectivity to all LCPS locations. The project will be more cost effective, as the new networks will be a one-time purchase for installation with minimal yearly recurring costs for maintenance. The project will help ensure LCPS has the capacity to scale as bandwidth demands grow. By having dedicated critical fiber infrastructure between all LCPS locations, LCPS will be able to increase bandwidth as needed at a much lower operational cost.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	3,250	1,750	-	-	-	-	-	1,750	-	5,000
Total Cost	3,250	1,750	-	-	-	-	-	1,750	-	5,000
Local Tax Funding	2,375	875	-	-	-	-	-	875	-	3,250
Lease Revenue Financing	875	875	-	-	-	-	-	875	-	1,750
Total Financing	3,250	1,750	-	-	-	-	-	1,750	-	5,000

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	22	88	85	83	81	79	438
Total Impact	22	88	85	83	81	79	438



Other School Projects

Douglass School Renewal

Details:

Project Number: n/a

Election District: Leesburg

Square Feet: 50,000

Location: Central Loudoun

Estimated Opening Year: 2023

Referendum: November 2020

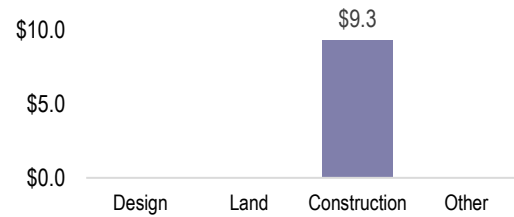
Background:

The Douglass School Renewal was originally part of a project, with the CS Monroe Center, to renovate both buildings. The CS Monroe building will be demolished and replaced, now known as the North Star School. This project provides funding for the renovation of the Douglass School through historic preservation, while providing a combination of needed educational programming and community uses. The building will provide space for the English Learners, Welcome Center, Head Start, Starting Towards Excellence in Preschool, and Child Find programs, as well as limited administrative office space.

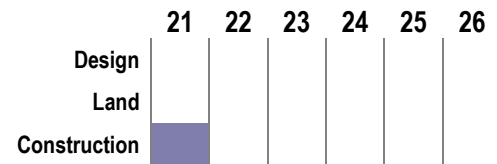
The historic restoration, including systems infrastructure, will follow the Secretary of the Interior's Standards for the Treatment of Historic Properties, and will uphold the significance of the building through historic preservation. Careful consideration of materials, design, and layout will be balanced with respect to the historic property. Site improvements will continue to provide recreational uses, event and/or rental opportunities, and parking. Commemorative opportunities within the building and site will be considered based on input from the community.

The Douglass School was constructed in 1941 to serve as the first and only black high school in the county until the end of segregation in 1968. The land was purchased by the African American community and transferred to the Loudoun County School Board to secure a place for the secondary education of their children. The building is listed in the Virginia Landmarks Register and the National Register of Historic Places.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	-	-	9,320	-	-	-	-	9,320	-	9,320
Total Cost	-	-	9,320	-	-	-	-	9,320	-	9,320
General Obligation Bonds	-	-	9,320	-	-	-	-	9,320	-	9,320
Total Financing	-	-	9,320	-	-	-	-	9,320	-	9,320

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	531	918	895	871	3,215
Total Impact	-	-	531	918	895	871	3,215



Other School Projects

John W. Tolbert, Jr. Elementary School / Keystone Drive

Details:

Project Number: n/a

Election District: Leesburg

Square Feet: n/a

LCPS Planning District: Central Loudoun

Estimated Opening Year: FY 2021

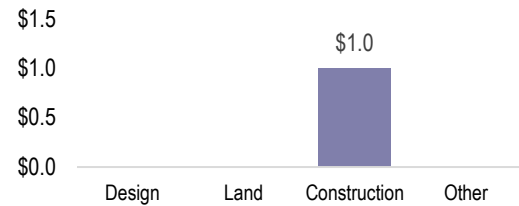
Referendum: n/a

Background:

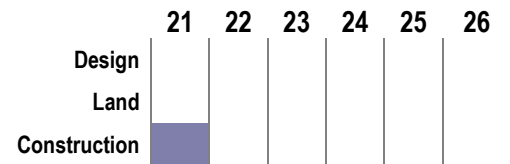
The Town of Leesburg and the Virginia Department of Transportation (VDOT) are designing a grade-separated interchange at the intersection of Route 7 and Battlefield Parkway. Once constructed, access from Route 7 to the properties currently fronting on Route 7 will be eliminated and provided by a new road, Keystone Drive, which will traverse the western boundary of John W. Tolbert, Jr. Elementary School.

Keystone Drive was a proffered improvement for the elementary school, requiring Loudoun County Public Schools (LCPS) to design and construct the road. In lieu of developing the road, LCPS will provide a required cash contribution to VDOT for the Battlefield Parkway interchange project, which includes the development of Keystone Drive, to fulfill the proffer requirement.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	-	1,000	-	-	-	-	-	1,000	-	1,000
Total Cost	-	1,000	-	-	-	-	-	1,000	-	1,000
Local Tax Funding	-	1,000	-	-	-	-	-	1,000	-	1,000
Total Financing	-	1,000	-	-	-	-	-	1,000	-	1,000



Other School Projects

Joint Use Dry Bulk Storage Facility

Details:

Project Number: n/a

Election District: Catocin

Square Feet: 26,000

LCPS Planning District: Central Loudoun

Estimated Opening Year: FY 2023

Referendum: n/a

Background:

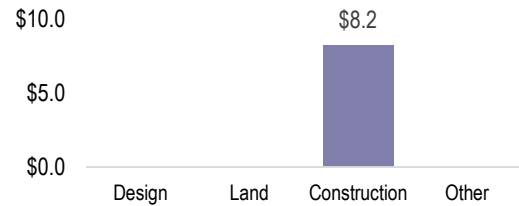
This project provides funding to develop a dry bulk storage facility, small engine repair shop, two pole barns, loader parking bays, and associated parking and storm water management on a County-owned site.

The dry bulk storage facility and two-bay garage will be used by both Loudoun County Public Schools (LCPS) and Loudoun County's Department of General Services. The facility will include dry storage for approximately 6,000 tons of winter road-mix materials and sand/manufactured sand, to be used on LCPS and County-owned facility parking lots and driveways, as needed, to improve traction during inclement weather. The facility will include a covered, lighted, and paved loading area for plow trucks with salt/sand spreaders.

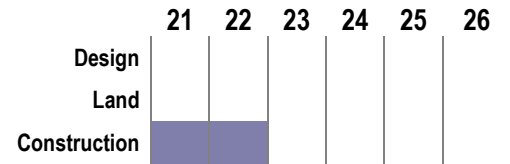
The project also provides for a small engine repair shop and two pole barns to be used by LCPS. The location of the pole barns and small engine repair shop at this location frees up space at the Transportation Facility.

The facility is planned for the Loudoun County Government Support Center site off Sycolin Road in the Central Loudoun Planning District.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	-	8,200	-	-	-	-	-	8,200	-	8,200
Total Cost	-	8,200	-	-	-	-	-	8,200	-	8,200
Local Tax Funding	-	8,200	-	-	-	-	-	8,200	-	8,200
Total Financing	-	8,200	-	-	-	-	-	8,200	-	8,200



Other School Projects

LCPS Facility Renewals and Alterations - Undesignated

Details:

Project Number: n/a

Election District: Countywide

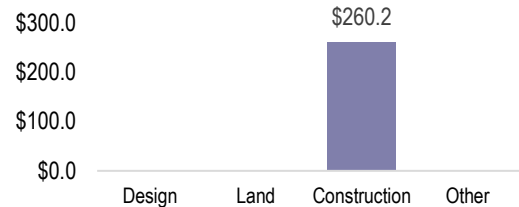
Square Feet: n/a

LCPS Planning District: Countywide

Estimated Opening Year: Ongoing

Referendum: Annually

Phase Costs in Millions



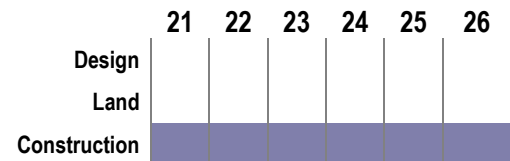
Background:

For capital maintenance expenditures, a percentage of the Loudoun County Public Schools' (LCPS) Current Replacement Value (CRV) may be appropriated each year to cover capital facility renewals and alterations. This funding is crucial to contain overall long-term facility costs for maintenance, system replacements, and facility renewals and alterations.

Replacements, repairs, and updates may be undertaken to critical systems (including heat, air conditioning, ventilation, boiler and water systems, in addition to pipes, lighting fixtures, switchgears, fire sprinklers, fire alarms, emergency generators, and other related infrastructure), along with renewals and restorations (typically surfaces, roofs, carpet, painting, windows, and similar aspects of a facility), as needed.

The purpose is to protect the capital investment in the school facility, avoid the loss of academic time due to critical system failure, reduce deferred maintenance costs, and create optimum learning environments for students and staff.

Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2022	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	6,490	30,120	21,155	49,425	52,985	50,000	50,000	253,685		260,175
Total Cost	6,490	30,120	21,155	49,425	52,985	50,000	50,000	253,685	-	260,175
Local Tax Funding	6,490	14,345	1,305	10,000	10,000	10,000		45,650		52,140
General Obligation Bonds		15,775	19,850	39,425	42,985	40,000	50,000	208,035	-	208,035
Total Financing	6,490	30,120	21,155	49,425	52,985	50,000	50,000	253,685	-	260,175

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service		3,432	8,655	12,532	16,779	20,482	61,880
Total Impact							



Other School Projects

School Bus Radio Replacements and UHF System Upgrade

Details:

Project Number: n/a

Election District: Countywide

Square Feet: n/a

LCPS Planning District: Countywide

Estimated Opening Year: n/a

Referendum: n/a

Phase Costs in Millions



Background:

This project provides for updating the radio system to the latest standards, providing a warranty, and establishing a system that is serviceable by multiple vendors.

Loudoun County Public Schools' (LCPS) radio infrastructure is comprised of eight separate radio sites that provide countywide radio coverage for over 1,000 users. The radio system handles an average of 60,000 radio transmissions per month for school buses alone, provides communications for support staff, and provides alert radio transmissions for schools.

The current system is aging. Many of the tower antenna systems are more than 10 years old, and the last major system update was seven years ago. Technology infrastructure improvements will enhance the service and coverage at LCPS radio sites and for end users of the system.

Project Phase Timeline by FY

	21	22	23	24	25	26
Design						
Land						
Construction						

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	-	-	10,420	-	-	-	-	10,420	12,915	23,335
Total Cost	-	-	10,420	-	-	-	-	10,420	12,915	23,335
Lease Revenue Financing	-	-	10,420	-	-	-	-	10,420	12,915	23,335
Total Financing	-	-	10,420	-	-	-	-	10,420	12,915	23,335

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	261	1,974	1,899	1,825	1,750	7,709
Total Impact	-	261	1,974	1,899	1,825	1,750	7,709



Other School Projects

School Bus Replacement and Acquisition

Details:

Project Number: TBD

Election District: Countywide

Square Feet: n/a

LCPS Planning District: Countywide

Estimated Opening Year: Ongoing

Referendum: n/a

Phase Costs in Millions



Background:

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

Project Phase Timeline by FY

	21	22	23	24	25	26
Design						
Land						
Construction						

Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Furniture, Fixtures & Equip	14,725	7,865	8,300	8,755	9,235	9,745	10,280	54,180	41,120	110,025
Payments to Other	5,265	-	-	-	-	-	-	-	-	5,265
Total Cost	19,990	7,865	8,300	8,755	9,235	9,745	10,280	54,180	41,120	115,290
Local Tax Funding	9,549	-	-	-	-	-	-	-	-	9,549
General Obligation Bonds	2,916	-	-	-	-	-	-	-	-	2,916
Lease Revenue Financing	7,525	7,865	8,300	8,755	9,235	9,745	10,280	54,180	41,120	102,825
Total Financing	19,990	7,865	8,300	8,755	9,235	9,745	10,280	54,180	41,120	115,290

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	197	1,698	3,223	4,776	6,360	7,967	24,220
Total Impact	197	1,698	3,223	4,776	6,360	7,967	24,220



Other School Projects

School Security Improvements

Details:

Project Number: n/a

Election District: Countywide

Square Feet: n/a

LCPS Planning District: Countywide

Estimated Opening Year: Ongoing

Referendum: November 2020

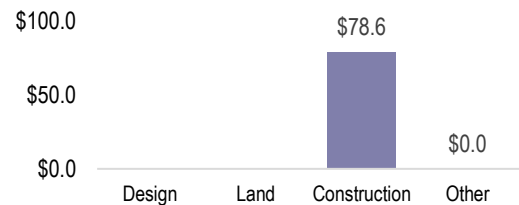
Background:

Prior appropriations were approved in FY 2019 and FY 2020 to provide secure vestibules, upgraded intrusion detection systems, and exterior-door, electronic access locks at 51 elementary schools, 11 middle schools, and 13 high schools throughout the County. This project provides funding for additional enhanced security improvements at the above-mentioned schools, and all remaining Loudoun County Public Schools.

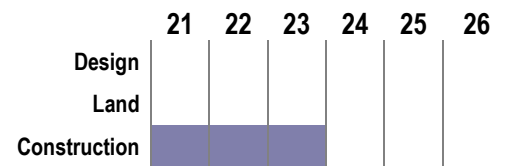
Additional work not identified in the original project scope will provide enhanced security at school campuses to include: 1. enhanced door hardware, 2. electronics and controls at building entrances to manage visitor access, 3. additional cameras and iPhones, 4. modified office configurations, 5. access deterrent measures, and 6. Interim secure vestibules to provide enhanced security until permanent work can be performed. 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 entrance security systems.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	14,350	29,880	22,800	11,615	-	-	-	64,295	-	78,645
Total Cost	14,350	29,880	22,800	11,615	-	-	-	64,295	-	78,645
Local Tax Funding	4,000	-	-	-	-	-	-	-	-	4,000
General Obligation Bonds	10,350	29,880	22,800	11,615	-	-	-	64,295	-	74,645
Total Financing	14,350	29,880	22,800	11,615	-	-	-	64,295	-	78,645

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	181	176	172	167	163	860
Total Impact	-	181	176	172	167	163	860



Other School Projects

Student Welcome Center

Details:

Project Number: n/a

Election District: Sterling

Square Feet: 7,500

LCPS Planning District: Eastern Loudoun

Estimated Opening Year: FY 2024

Referendum: November 2020

Background:

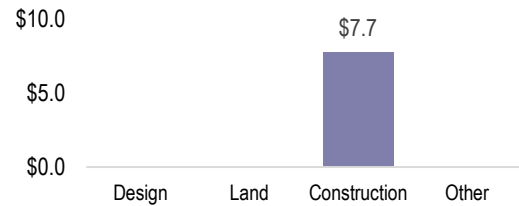
This project provides funding to design and construct an addition at Sterling Elementary School to provide space for a Student Welcome Center.

The establishment of a Student Welcome Center in eastern Loudoun will provide for a more efficient and effective delivery of services to Loudoun's limited English-proficient public-school students.

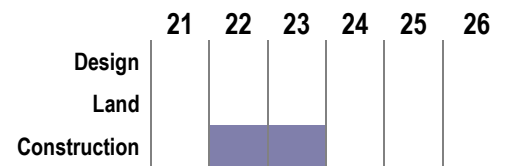
The Welcome Center will provide a centralized location for various instructional program registration needs and provide a site for instructional and/or pupil services support staff.

The addition to Sterling Elementary School, for the Welcome Center, will total 7,500 square feet. The project also provides funding to renovate 5,000 square feet of existing space for school use that will not increase the base capacity of the school. Additional on-site parking will be expanded to accommodate the co-located uses.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	-	-	860	6,850	-	-	-	7,710	-	7,710
Total Cost	-	-	860	6,850	-	-	-	7,710	-	7,710
Local Tax Funding	-	-	-	6,850	-	-	-	6,850	-	6,850
General Obligation Bonds	-	-	860	-	-	-	-	860	-	860
Total Financing	-	-	860	6,850	-	-	-	7,710	-	7,710

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	88	86	84	81	339
Total Impact	-	-	88	86	84	81	339



Other School Projects

Valley Service Center & Kenneth W. Culbert Elementary School Bus Parking

Details:

Project Number: n/a

Election District: Catoctin

Square Feet: 7,200

LCPS Planning District: Western Loudoun

Estimated Opening Year: FY 2026

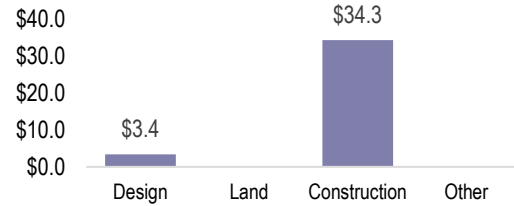
Referendum: November 2021

Background:

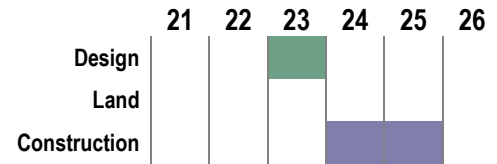
The Valley Service Center has been in operation with Loudoun County Public Schools (LCPS) for over a decade under a lease. The Loudoun County School Board purchased the property in FY 2018. LCPS bus maintenance utilizes a single bay repair garage in the facility.

This project provides for the replacement of the structure with a modern bus maintenance facility with multiple repair bays, and the site will be redesigned to more efficiently use the property. The new facility will include a vehicle maintenance and repair structure, LCPS/County fuel station, storage for LCPS and County materials and equipment, and bus parking. In addition, bus parking improvements at Kenneth W. Culbert Elementary School will be completed in conjunction with the project.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	3,415	-	-	-	3,415	-	3,415
Construction	-	-	-	-	34,275	-	-	34,275	-	34,275
Total Cost	-	-	-	3,415	34,275	-	-	37,690	-	37,690
General Obligation Bonds	-	-	-	3,415	34,275	-	-	37,690	-	37,690
Total Financing	-	-	-	3,415	34,275	-	-	37,690	-	37,690

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	-	262	2,884	3,788	6,933
Total Impact	-	-	-	262	2,884	3,788	6,933



Other School Projects

Valley Service Center Traffic Signal

Details:

Project Number: n/a

Election District: Catoclin

Square Feet: n/a

LCPS Planning District: Western Loudoun

Estimated Opening Year: FY 2025

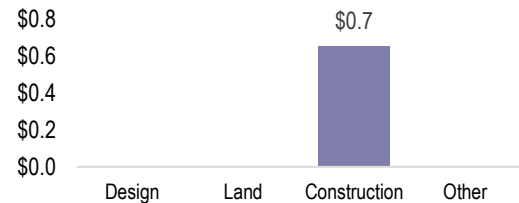
Referendum: November 2022

Background:

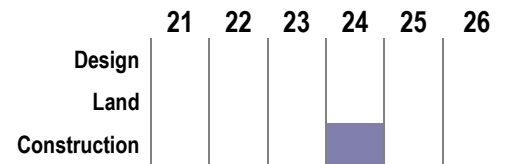
This project provides for the installation of a traffic signal at the intersection of the Valley Service Center entrance, West Colonial Highway, and the entrance to Harmony Middle School and Kenneth W. Culbert Elementary School. The funding for the traffic signal is programmed to coincide with the replacement of the Valley Service Center facility.

As part of the approved proffers for the rezoning completed for 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 the entrance to Harmony Middle School and Kenneth W. Culbert Elementary School. The study determined that a traffic signal is needed at the intersection.

Phase Costs in Millions



Project Phase Timeline by FY



Capital (\$ in 1000s)	Prior Years	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	6 Year Total	Future FYs	Project Total
Construction	-	-	-	-	655	-	-	655	-	655
Total Cost	-	-	-	-	655	-	-	655	-	655
General Obligation Bonds	-	-	-	-	655	-	-	655	-	655
Total Financing	-	-	-	-	655	-	-	655	-	655

Operating Impact (\$ in 1000s)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Service	-	-	-	-	68	66	134
Total Impact	-	-	-	-	68	66	134

