

# Public Schools

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## Public Schools Goals

- ✓ To provide adequate and appropriate educational facilities that will accommodate the instructional programs for all Fairfax County students.
- ✓ To provide appropriate support facilities that will permit the school system to operate efficiently and cost effectively.

# Fairfax County Public Schools

## PROGRAM DESCRIPTION

Fairfax County Public Schools (FCPS) determines the need for new facilities and additions to existing schools by comparing available capacity with projected membership. Capacity is an estimate of the number of student spaces available within an educational facility, taking into account: (1) educational specifications for elementary, middle and high schools; (2) program requirements; and (3) appropriate pupil-teacher ratios. Variations in the educational programs offered within a school may cause its capacity to vary from year to year.

## LINK TO THE COMPREHENSIVE PLAN

Fairfax County's Comprehensive Plan Policy Plan, Public Facilities Education Section includes the following established objectives:

- ✓ Acquire sites for schools or educational facilities through negotiation, dedication, or condemnation. This may include the siting of schools or facilities in high density areas or on parcels of limited size.
- ✓ Distribute administration and maintenance facilities to conveniently serve the areas they support where feasible.
- ✓ Locate schools on sites which meet or exceed minimum state size guidelines where feasible.
- ✓ Design schools and educational facilities to allow for optimal site utilization while providing optimum service to, and compatibility with, the local community.
- ✓ Consider adaptive reuse of buildings for public schools and educational purposes.
- ✓ Encourage optimization of existing schools and other facilities, whenever possible and reasonable, to support educational and community objectives.

Source: Fairfax County Comprehensive Plan, 2017 Edition; Policy Plan- Public Facilities, Amended through 4-9-2019

## CURRENT PROGRAM INITIATIVES

In September 2019, total FCPS membership was 189,010 students, an increase of 992 students from School Year 2018-2019. Projections indicate membership will continue to increase over the next five years. Five-year projections indicate total membership will increase to 190,446 students by School Year 2024-2025.

FCPS has continued its implementation of capital projects authorized to date. Over the past five years, construction was completed on one new elementary school, fourteen elementary school renovations with additions, one middle school renovation with addition, two high school renovations with addition, two high school additions, and three modular additions. Currently FCPS is constructing one new elementary school, five elementary school renovations with additions, two middle school renovations with additions, and two high school renovations with additions. Through this capital work, FCPS added more than 1.6 million square feet of space resulting in the removal of nearly 172 temporary classroom trailers. In addition, these projects have renovated nearly 2.4 million square feet of existing space. Renovations are aimed at ensuring that all

schools, countywide, are safe, functional, and provide the facilities necessary to support current educational programs regardless of the age of the buildings, in addition to protecting the capital investment.

A School Bond Referendum was approved by County residents in November 2019 containing 18 projects. Continuing growth and renovation needs require approval of new School Bond referendums in the future. Additional information can be found at: <https://www.fcps.edu/about-fcps/facilities-planning-future/capital-improvement-program>.

On February 6, 2020, the School Board approved the CIP with the following amendments and follow-on motions:

- I move to amend the main motion by adding Kent Gardens Elementary School to the new Table 8 on page 40.
- I move to amend the main motion by revising page 36 of the CIP to begin the process of creating and approving the Renovation Queue by 2022, 1 year earlier than currently anticipated in the CIP 2021-2025.
- I move to direct the superintendent to review the condition of bathroom facilities at those schools that do not have near-term plans for overall renovations and do not provide privacy for all students.
- I move to direct the superintendent, as part of the joint Fairfax County/FCPS CIP task force, to collaborate with county and school staff to develop a consistent method for projecting student enrollment.
- I move to direct the superintendent to:
  1. Identify how FCPS can adopt best practices in energy and resource stewardship in facility design. FCPS staff will prepare for a School Board work session to examine:
    - a. Net Zero design. FCPS will identify where the division currently is on any factors that lead towards Net Zero ready; and recommend pathways and associated costs and time to obtain 20-25 Energy Usage Intensity (EUI) per facility, which is a measure of a building's energy per square foot. Net Zero design and building specifications will provide a superior energy efficient building resulting in lower operating costs over the life of the school compared to the existing specifications. Furthermore, Net Zero buildings can be teaching tools and community examples about the benefits and necessity of energy efficiencies and renewable energy technologies.
    - b. Electrification planning. Present an approach for how FCPS can incorporate the principle of electrification (moving away from fossil-fueled components like heating and cooling), to prepare for the future availability of such technology.
    - c. Circular Economy Practices. Present an approach for how FCPS can incorporate practices that plan for how future builds and renovations will be disposed of when their lifetime ends.
  2. Develop an Operations Energy Strategy. Develop a plan that identifies metrics, timeline, and staff responsibilities for measuring energy use; includes annual goals for energy use; and establishes a regular timeline for reporting to the School Board.
  3. Establish a plan to regularly independently verify and vet schools in the Collaborative for High Performance Schools (CHPS) program, by a third party. FCPS already participates in CHPS, and having the regular verification will maximize use of this tool to benchmark and foster.
  4. In an effort to more fully ensure that FCPS is following sustainability best practices, we will be Collaborative for High Performance Schools (CHPS) verifying two of our upcoming projects
- I move to direct the Superintendent to consider how and if space for early childhood learning spaces can be included in the design of each construction and renovation project and identify costs for the design and maintenance of these spaces in an effort to create needed community space for early learning.
- I move to direct the Superintendent to work with the County in examining the economic and equity impact related to the remaining 15 high school stadiums that do not have permanent bathroom facilities, as well as devising a financial plan to address this. The Superintendent is to report back to the Board prior to the completion of the Year-End budget review.
- I move to direct the Superintendent to ensure that Instructional Services and Facilities begin to work together to evaluate potential magnet programming options-including performing arts

programming-for the bonded Elementary School site in Lee District. I request that potential options be included in the next CIP.

- I move to direct the superintendent to develop a clear communication plan for any school engaged in a boundary adjustment study that:
  1. Explains which option(s) A-G were previously implemented, when option H is also considered to address student capacity concerns and,
  2. Explains how the concerns of families and students are considered and prioritized when developing possible solutions. This information would be shared as part of the boundary scoping process.

## **CURRENT PROJECT DESCRIPTIONS**

### **New Construction**

1. **North West County Elementary School** (Sully District): \$34,820,983. Funded. Proposed to be completed in FY 2022.
2. **Fairfax/Oakton Area Elementary School** (TBD): \$36,662,068. Funded. Proposed to be completed in FY 2024.
3. **Silver Line Elementary School** (TBD): \$39,573,629. Partially Funded. Proposed to be completed in FY 2026.
4. **Future Western High School** (TBD): \$157,087,000. Unfunded.
5. **Route 1 Elementary School (Mount Vernon District)**: \$21,169,348. Funded
6. **4 New and/or Repurposed Schools** (TBD): \$160,506,047. Unfunded.

### **Capacity Enhancement**

7. **Modular Relocations** (TBD): \$22,000,000. Partially Funded.
8. **West Potomac High School Addition** (Mount Vernon District): \$35,991,573. Funded. Proposed to be completed in FY 2023.
9. **Justice High School Addition** (Mason District): \$19,260,084. Funded. Proposed to be completed in FY 2024.
10. **Madison High School Addition** (Hunter Mill District): \$21,429,882. Funded. Proposed to be completed in FY 2024.

### **Renovation Program – Elementary Schools**

11. **Mount Vernon Woods Elementary School** (Lee District): \$23,244,249. Funded. Proposed to be completed in FY 2020.
12. **Belle View Elementary School** (Mount Vernon District): \$27,011,199. Funded. Proposed to be completed in FY 2021.
13. **Annandale Terrace Elementary School** (Mason District): \$27,735,480. Funded. Proposed to be completed in FY 2021.
14. **Clearview Elementary School** (Dranesville District): \$26,210,644. Funded. Proposed to be completed in FY 2021.
15. **Silverbrook Elementary School** (Springfield District): \$26,058,026. Funded. Proposed to be completed in FY 2021.

16. **Hybla Valley Elementary School** (Lee District): \$35,802,669. Funded. Proposed to be completed in FY 2023.
17. **Washington Mill Elementary School** (Mount Vernon District): \$30,004,063. Funded. Proposed to be completed in FY 2023.
18. **Braddock Elementary School** (Braddock District): \$35,637,395. Funded. Proposed to be completed in FY 2023.
19. **Fox Mill Elementary School** (Hunter Mill District): \$29,616,668. Funded. Proposed to be completed in FY 2023.
20. **Oak Hill Elementary School** (Sully District): \$32,051,345. Funded. Proposed to be completed in FY 2024.
21. **Wakefield Forest Elementary School** (Braddock District): \$30,712,311. Partially Funded. Proposed to be completed in FY 2024.
22. **Louise Archer Elementary School** (Hunter Mill District): \$29,366,836. Partially Funded. Proposed to be completed in FY 2024.
23. **Crossfield Elementary School** (Hunter Mill District): \$31,069,941. Partially Funded. Proposed to be completed in FY 2025.
24. **Mosby Woods Elementary School** (Providence District): \$37,907,334. Partially Funded. Proposed to be completed in FY 2025.
25. **Bonnie Brae Elementary School** (Braddock District): \$35,707,190. Partially Funded. Proposed to be completed in FY 2025.
26. **Bren Mar Park Elementary School** (Mason District): \$31,507,497. Unfunded. Proposed to be completed in FY 2026.
27. **Brookfield Elementary School** (Sully District): \$38,575,558. Unfunded. Proposed to be completed in FY 2026.
28. **Lees Corner Elementary School** (Sully District): \$35,862,738. Unfunded. Proposed to be completed in FY 2026.
29. **Armstrong Elementary School** (Hunter Mill District): \$30,890,213. Unfunded. Proposed to be completed in FY 2026.
30. **Willow Springs Elementary School** (Springfield District): \$38,276,830. Unfunded. Proposed to be completed in FY 2026.
31. **Herndon Elementary School** (Dranesville District): \$42,051,217. Unfunded. Proposed to be completed in FY 2027.
32. **Dranesville Elementary School** (Dranesville District): \$38,324,382. Unfunded. Proposed to be completed in FY 2027.
33. **Cub Run Elementary School** (Sully District): \$36,377,726. Unfunded. Proposed to be completed in FY 2028.
34. **Union Mill Elementary School** (Springfield District): \$44,762,054. Unfunded. Proposed to be completed in FY 2028.
35. **Centre Ridge Elementary School** (Sully District): \$43,309,469. Unfunded. Proposed to be completed in FY 2028.

36. **Poplar Tree Elementary School** (Sully District): \$39,407,617. Unfunded. Proposed to be completed in FY 2028.
37. **Waples Mill Elementary School** (Providence District): \$43,737,474. Unfunded. Proposed to be completed in FY 2028.
38. **Sangster Elementary School** (Springfield District): \$44,837,482. Unfunded.
39. **Saratoga Elementary School** (Mount Vernon District): \$45,083,327. Unfunded.
40. **Virginia Run Elementary School** (Sully District): \$43,492,051. Unfunded.

#### **Middle School Renovation Program**

41. **Rocky Run Middle School** (Sully District): \$48,859,188. Funded. Proposed to be completed in FY 2021.
42. **Hughes Middle School** (Hunter Mill District): \$52,174,400. Funded. Proposed to be completed in FY 2022.
43. **Cooper Middle School** (Dranesville District): \$52,312,601. Funded. Proposed to be completed in FY 2023.
44. **Frost Middle School** (Braddock District): \$59,012,575. Funded. Proposed to be completed in FY 2024.
45. **Franklin Middle School** (Sully District): \$70,410,664. Unfunded.
46. **Twain Middle School** (Lee): \$69,123,830. Unfunded.

#### **High School Renovation Program**

47. **West Springfield High School** (Springfield District): \$93,357,000. Funded. Proposed to be completed in FY 2020.
48. **Herndon High School** (Dranesville District): \$106,307,648. Funded. Proposed to be completed in FY 2021.
49. **Oakton High School** (Providence District): \$112,229,271. Funded. Proposed to be completed in FY 2023.
50. **Falls Church High School** (Mason District): \$141,982,060. Partially Funded. Proposed to be completed in FY 2026.
51. **Centreville High School** (Springfield District): \$146,217,200. Unfunded.

#### **Site Acquisition**

52. **Site Acquisition** (TBD): \$47,351,852 Partially Funded.

**PROJECT COST SUMMARIES  
PUBLIC SCHOOLS  
(\$000's)**

Project Title	Source of Funds	Budgeted or Expended Through FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY2021-FY2025	Total FY2026-FY2030	Total Project Estimate
<b><i>New Construction</i></b>										
1 North West County ES	B	\$25,249	\$8,927	\$644				\$9,571		\$34,820
2 Fairfax/Oakton Area ES ( at location to be	B	\$1,344	\$927	\$11,616	\$12,313	\$10,462		\$35,318		\$36,662
3 Silver Line ES (at location to be determined)	U			\$1,171	\$864	\$5,942	\$24,047	\$32,024	\$7,550	\$39,574
4 Future Western HS	U								\$157,087	\$157,087
5 Route 1 ES	B								\$21,169	\$21,169
6 4 New and/or Repurposed Schools	U								\$160,506	\$160,506
<b><i>Capacity Enhancement</i></b>										
7 Modular Relocations	B	\$6,000	\$2,000	\$2,000				\$4,000	\$12,000	\$22,000
8 West Potomac HS Addition	B	\$1,820	\$9,565	\$16,040	\$8,566			\$34,171		\$35,991
9 Justice HS Addition	B	\$1,052	\$1,683	\$7,761	\$8,115	\$648		\$18,207		\$19,259
10 Madison HS Addition	B	\$965	\$402	\$9,522	\$9,989	\$552		\$20,465		\$21,430
<b><i>Elementary School Renovation Program</i></b>										
11 Mount Vernon Woods	B	\$23,244						\$0		\$23,244
12 Belle View	B	\$24,502	\$2,509					\$2,509		\$27,011
13 Annandale Terrace	B	\$22,599	\$5,136					\$5,136		\$27,735
14 Clearview	B	\$20,596	\$5,615					\$5,615		\$26,211
15 Silverbrook	B	\$23,412	\$2,646					\$2,646		\$26,058
16 Hybla Valley	B	\$3,275	\$11,574	\$15,465	\$5,488			\$32,527		\$35,802
17 Washington Mill	B	\$2,287	\$8,049	\$14,881	\$4,787			\$27,717		\$30,004
18 Braddock	B	\$2,459	\$6,835	\$16,633	\$9,709			\$33,177		\$35,636
19 Fox Mill	B	\$1,823	\$4,525	\$13,791	\$9,478			\$27,794		\$29,617
20 Oak Hill	B	\$1,143	\$1,238	\$10,459	\$14,875	\$4,336		\$30,908		\$32,051
21 Wakefield Forest	U	\$292	\$874	\$6,227	\$18,820	\$4,499		\$30,420		\$30,712

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PUBLIC SCHOOLS  
(\$000's)**

Project Title	Source of Funds	Budgeted or Expended Through FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY2021-FY2025	Total FY2026-FY2030	Total Project Estimate
22 Louise Archer	U	\$604	\$1,125	\$5,857	\$17,941	\$3,840		\$28,763		\$29,367
23 Crossfield	U		\$714	\$714	\$15,050	\$12,624	\$1,968	\$31,070		\$31,070
24 Mosby Woods	U		\$505	\$866	\$18,459	\$15,709	\$2,369	\$37,908		\$37,908
25 Bonnie Brae	U		\$475	\$814	\$6,881	\$22,226	\$5,311	\$35,707		\$35,707
26 Bren Mar Park	U			\$702	\$1,204	\$10,114	\$17,235	\$29,255	\$2,252	\$31,507
27 Brookfield	U			\$857	\$1,469	\$6,645	\$22,033	\$31,004	\$7,572	\$38,576
28 Lees Corner	U			\$800	\$1,371	\$11,513	\$19,620	\$33,304	\$2,560	\$35,864
29 Armstrong	U			\$1,104	\$1,205	\$14,881	\$13,568	\$30,758	\$132	\$30,890
30 Willow Springs	U			\$875	\$1,500	\$12,277	\$20,919	\$35,571	\$2,706	\$38,277
31 Herndon	U				\$943	\$1,616	\$13,498	\$16,057	\$25,994	\$42,051
32 Dranesville	U				\$1,502	\$1,502	\$16,822	\$19,826	\$18,498	\$38,324
33 Cub Run	U					\$1,389	\$1,389	\$2,778	\$33,600	\$36,378
34 Union Mill	U					\$1,004	\$1,722	\$2,726	\$42,036	\$44,762
35 Centre Ridge	U					\$1,663	\$1,663	\$3,326	\$39,983	\$43,309
36 Poplar Tree	U					\$1,545	\$1,545	\$3,090	\$36,318	\$39,408
37 Waples Mill	U					\$1,718	\$1,718	\$3,436	\$40,301	\$43,737
38 Sangster	U						\$1,726	\$1,726	\$43,111	\$44,837
39 Saratoga	U						\$1,772	\$1,772	\$43,312	\$45,084
40 Virginia Run	U						\$1,672	\$1,672	\$41,820	\$43,492



**PROJECT COST SUMMARIES  
PUBLIC SCHOOLS  
(\$000's)**

Project Title	Source of Funds	Budgeted or Expended Through FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total FY2021-FY2025	Total FY2026-FY2030	Total Project Estimate
<b><i>Middle School Renovation Program</i></b>										
41 Rocky Run	B	<b>\$45,237</b>	<b>\$3,623</b>					\$3,623		\$48,860
42 Hughes	B	<b>\$29,598</b>	<b>\$19,362</b>	<b>\$3,214</b>				\$22,576		\$52,174
43 Cooper	B	<b>\$8,225</b>	<b>\$17,289</b>	<b>\$16,972</b>	<b>\$9,826</b>			\$44,087		\$52,312
44 Frost	B	<b>\$4,089</b>	<b>\$6,385</b>	<b>\$20,151</b>	<b>\$20,028</b>	<b>\$8,360</b>		\$54,924		\$59,013
45 Franklin	U					\$1,199	\$2,055	\$3,254	\$67,157	\$70,411
46 Twain	U						\$2,017	\$2,017	\$67,107	\$69,124
<b><i>High School Renovation Program</i></b>										
47 West Springfield	B	<b>\$93,357</b>						\$0		\$93,357
48 Herndon	B	<b>\$83,384</b>	<b>\$22,924</b>					\$22,924		\$106,308
49 Oakton	B	<b>\$68,807</b>	<b>\$21,668</b>	<b>\$18,753</b>	<b>\$3,001</b>			\$43,422		\$112,229
50 Falls Church	U	<b>\$6,260</b>	\$3,752	\$20,247	\$35,046	\$34,897	\$31,789	\$125,731	\$9,991	\$141,982
51 Centreville	U			\$2,410	\$4,035	\$4,035	\$15,176	\$25,656	\$120,561	\$146,217
<b><i>Site Acquisition</i></b>										
52 Site	U			<b>\$2,500</b>	<b>\$2,500</b>	<b>\$5,000</b>	\$12,451	\$22,451	\$24,901	\$47,352
<b>GRAND TOTAL</b>		\$501,623	\$170,327	\$223,046	\$244,965	\$200,196	\$234,085	\$1,072,619	\$1,028,224	\$2,602,466
<b>Funded Project Costs</b>		\$501,623	\$166,575	\$183,967	\$119,539	\$29,358	\$0	\$499,439	\$21,169	\$1,022,231
<b>Unfunded Project Costs</b>		\$0	\$3,752	\$39,079	\$125,426	\$170,838	\$234,085	\$573,180	\$1,007,055	\$1,580,235

Notes:

Requirements are reviewed annually.

Due to rounding, school totals may not exactly match amounts in the Schools CIP.

Numbers in **bold italics** represent funded amounts.

Key: Source of Funds

- B Bonds
- G General Fund
- S State
- F Federal
- X Other
- U Undetermined