

Frederick County Public Schools Project Priority List

PRIORITY 1 - Fourth High School

Description: The fourth high school project will serve students grades 9-12, have a program capacity of 1,725 students, and will address anticipated growth in high school student enrollment in the school division. The site is located at the end of Justes Drive behind Admiral Byrd MS. This school is designed for collaborative education, similar to the new Frederick County MS, with a variety of learning spaces to meet the needs of a variety of learning styles and to impart skills necessary in today's working world.

Capital Cost: \$91,400,000

Justification: This project will address expected growth in high school student enrollment in the school division over the next several years. We project that enrollment in the high schools by the fall of 2020 will be 4,246 students. High school program capacity is currently 4,050 students. To relieve overcrowding in the high schools, we need to construct the fourth high school in Frederick County to open in that time frame.

Construction Schedule: Construction will take 48 months

PRIORITY 2 - Armel Elementary School Addition and Renovation

Description: Armel ES opened in 1991 and has served continuously as a K-5 elementary school since that time. The school contains 70,281 square feet and has a program capacity of 590 students. As of October 31, 2016, the school has 606 students. Eight classrooms will be added to Armel ES, to accommodate the additional growth at Lake Frederick. The existing facility will be updated as needed and core areas partially renovated to serve the additional students.

Capital Cost: \$8,000,000

Justification: Armel Elementary School is in good condition; however, growth in the attendance zone will need to be addressed through the addition of classrooms to the facility. An attendance rezoning was completed three years ago as part of the implementation of full-day kindergarten. Addressing the growth issue at Armel was studied as a part of this rezoning. Four areas were identified to be rezoned to another school to offset the additional growth at Lake Frederick. None of the four options provided a complete and satisfactory solution. One option would have put Armel outside of its own attendance zone. A second would have split a neighborhood and sent some of the neighborhood to a school further away. A third would have simply relocated the growth issue to another school. The fourth option was adopted, but only moved ~50 students, a temporary reprieve from growth pressures.

Construction Schedule: 30 months

PRIORITY 3 - New 12th Elementary School

Description: The 12th ES will have a floor area of approximately 100,000 square feet and will be located in Snowden Bridge. The facility will be designed to accommodate a student membership of 600.

Capital Cost: \$32,400,000

Justification: The 12th ES project will address anticipated growth in student enrollment in the school division in general and in the Stonewall and Redbud Run Elementary School attendance zones in specific over the next several years.

Construction Schedule: 30 months

PRIORITY 4 - Robert E. Aylor Middle School Addition and Renovation

Description: Robert E. Aylor Middle School opened in 1969 as a junior high. The school contains 113,643 square feet and has a program capacity of 850 students serving grades 6-8. The building is in acceptable condition; however, several major areas need to be addressed in a renovation. Major areas of this renovation project include the following: reorganization and addition of classroom and storage space to better equip the building to support collaborative education, complete replacement of fire alarm and communication systems, upgrade of electrical and plumbing, and complete replacement of mechanical systems. Other areas to be addressed are security and reorganization of asphalted areas.

Capital Cost: \$TBD

Justification: Robert E. Aylor Middle School is 47 years old and renovations are needed to a number of areas to ensure the economical and efficient operation of the school for years to come. The school was constructed as a junior high, where the school was arranged by department. Modern instruction requires that the school be arranged by grade and that a variety of learning spaces be provided (classroom, low intensity labs, high intensity labs, small collaborative spaces, large collaborative spaces, etc.) to meet the needs of a variety of learning styles and to impart skills necessary in today's working world.

Construction Schedule: 48 Months

PRIORITY 5 - James Wood High School Upgrades

Description: James Wood High School opened in 1980 and has served as a high school since that time. The school contains 234,095 square feet and has a program capacity of 1,400 students. Currently, the building serves grades 9-12. The building is in good condition; however, several major areas need to be addressed in a renovation. Major areas to be included in this renovation project

are increased electrical service and distribution to support technology, technology cabling, hardware and its installation, upgrade of plumbing and mechanical systems, and modification of instructional areas to support modern instructional delivery.

Capital Cost: \$TBD

Justification: James Wood High School is 36 years old. Renovations and technological upgrades are needed to a number of areas to ensure effective, economical, and efficient operation of the school for years to come. This school will be renovated to be more like the 4th HS, the new Frederick County MS, and the renovated Aylor MS, with a variety of learning spaces to meet the needs of a variety of learning styles and to impart skills necessary in today's working world.

Construction Schedule: 36 Months

PRIORITY 6 - Sherando High School Parking Lot and Softball Field Improvements

Description: This project is being undertaken to address several traffic safety concerns identified over the years at Sherando High School and to address equity issues (there is no softball field at SHS). Two studies of the site have been conducted, and a master plan created. Concerns exist for pedestrians, school buses, student drivers, parents, and staff. Rearrangement of the site and the flow of traffic on the site are necessary to address these needs.

Capital Cost: \$TBD

Justification: This is a two-part project. For transportation safety, concerns exist on the school site at Sherando High School during arrival and dismissal. The students, many of their parents, and the staff necessary to serve them are exposed to these safety concerns on a daily basis. The flow of traffic at arrival is so slow that at times vehicles on Route 277 back up past Double Church Road. For the softball field, SHS does not have a softball field on site, instead using a softball field in neighboring Sherando Park. This represents an equity issue between boys and girls sports and is contrary to FCPS' standpoint of equity between boys and girls sports.

Construction Schedule: 30 Months

PRIORITY 7 - Route 522 North Super Street at Gainesboro Campus

Description: The entrance off of Route 522 serves both Frederick County Middle School and Gainesboro Elementary School. As part of the design of FCMS, both a Traffic Impact Assessment and a Signal Warrant were prepared. The conclusion of the Signal Warrant was that the intersection met one warrant. However, VDOT requires that intersections meet two warrants in order to qualify for a traffic signal. This project is to provide a solution other than a traffic signal to address safety concerns. The exact form of that solution is still undecided.

Capital Cost: \$TBD

Justification: Although the Signal Warrant concluded that the intersection does not qualify for a traffic signal, safety concerns still continue. Visibility over the hill crest northbound is limited. The crossover is narrower than a bus is long, and visibility for left turners who are located in the crossover is nil when a large vehicle is in the northbound left turn lane.

Construction Schedule: 24 Months

PRIORITY 8 - Apple Pie Ridge Elementary School Phase 2 Renovation

Description: Apple Pie Ridge Elementary School opened in 1974 and has served continuously as an elementary school since that time. The school contains 65,120 square feet and has a program capacity of 528 students. Currently, the building serves grades K-5. The building is in good condition; however, several major areas need to be addressed, including open classroom space, ADA compliance, energy conservation, security, and upgrades of fire alarm, electrical, plumbing, and mechanical systems.

Capital Cost: TBD

Justification: Apple Pie Ridge Elementary School is 42 years old and renovation is needed to a number of areas to ensure the economical and efficient operations of the school for years to come.

Construction Schedule: 36 months

PRIORITY 9 - Bass-Hoover Elementary School Phase 2 Renovations

Description: Bass-Hoover Elementary School opened in 1975. The school contains 70,569 square feet and has a program capacity of 656 students. Currently, the building serves grades K-5. The building is in good condition; however, several major areas need to be addressed. Renovations will address several major issues, including open classroom space, ADA compliance, energy conservation, security, and upgrades of fire alarm, electrical, plumbing, and mechanical systems. A building addition, Phase 1, has been done to maintain program capacity and prepare the building for full-day kindergarten.

Capital Cost: TBD

Justification: Bass-Hoover Elementary School is 41 years old and renovation is needed to a number of areas to ensure the effective, economical, and efficient operations of the school for years to come.

Construction Schedule: 36 months

PRIORITY 10 - Administrative Office

Description: Frederick County Public Schools' administration has been located at the old Kline Elementary School building since 1983. Before the building was converted to offices, it had served as a school since 1961. The facility contains 27,992 square feet, including the 5,000 square foot Annex and the 2,400 square foot Finance Addition, but not including the four modular classroom units that are used for offices and work space.

Capital Cost: TBD

Justification: The 55 year old Administrative Offices building does not have enough office and meeting space, needs technology upgrades, and improvements to the mechanical, plumbing and electrical systems to meet modern code. Meeting space is at a premium, as we have only 2 sizeable meeting rooms. There are also building security and asbestos issues. Existing issues will become more pressing and new issues will appear as the district (and therefore the staff) grows.

Construction Schedule: 30 months