

## **Frederick County Public Schools Project Priority List**

### **PRIORITY 4 - Robert E. Aylor Middle School Replacement**

**Description:** Because of the expense of renovations necessary to the existing Robert E. Aylor Middle School building, we propose construction of a replacement school. The new middle school will serve students grades 6-8 and have a program capacity of 900 students. The school will be designed for collaborative education, 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:** \$52,000,000

**Justification:** Robert E. Aylor Middle School is 48 years old, was constructed as a junior high in which the school was arranged by department (middle school arrangement is now by grade), and 85% of interior walls are load bearing. The age of the facility's infrastructure, the school's outdated arrangement, and its expensive-to-move walls make replacement of the facility a fiscally sound choice. 85% of HVAC systems, 82% of plumbing components, 73% of electrical components, 52% of finishes, and 50% of site elements have reached their average useful life and should be replaced or refurbished. The roof is low compared to modern buildings, making it expensive to install all of the infrastructure necessary between the roof and the drop ceiling.

**Construction Schedule:** 54 Months

### **PRIORITY 2 - New High School**

**Description:** The new 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, 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:** \$83,000,000

**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 2023 will be 5,063 students. High school program capacity is currently 3,785 students. To relieve overcrowding in the high schools, we need to construct the new high school in Frederick County to open within that time frame.

**Construction Schedule:** Construction will take 48 months

### **PRIORITY 3 - 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:** \$9,800,000

**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 4 - James Wood High School Renovations and Addition**

**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 1,200 students. Currently, the building serves grades 9-12. This school will be renovated to support collaborative education, 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:** \$55,000,000

**Justification:** James Wood High School is 36 years old. Renovations, additions, and technological upgrades are needed to a number of areas to ensure effective, economical, and efficient operation of the school for years to come. 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.

**Construction Schedule:** 36 Months

## **PRIORITY 5 – Sherando High School Renovations and Addition**

**Description:** Sherando High School opened in 1993. The facility contains 239,517 square feet and has a program capacity of 1,285 students serving grades 9-12. Several major areas need to be addressed in a renovation, including reorganization and addition of classroom and storage space to better equip the building to support collaborative education. Because we want the facility to last another 30 years, facility infrastructure will be renewed and updated, and finishes will be refreshed. Other areas to be addressed are security, traffic safety, and gender equity in athletic facilities.

**Capital Cost:** \$59,500,000

**Justification:** Sherando is 24 years old and will be at least 29 years old by the time we renovate it. Renovations are needed to ensure the economical, efficient, and effective operation of the school for years to come. Modern instruction requires that a variety of learning spaces be provided, including collaborative spaces of varying sizes and project labs (similar to maker spaces). Transportation safety concerns exist on and around the school site at Sherando during arrival and dismissal. Sherando does not have a softball field on site, instead using a softball field in Sherando Park. This represents an equity issue between boys and girls sports and is contrary to FCPS' policy of equity between boys and girls sports.

**Construction Schedule:** 48 Months

### **Long Range Projects:**

- Joint Administrative Offices (\$14,000,000)
- Apple Pie Ridge Elementary School Phase 2 Renovation
- Bass-Hoover Elementary School Phase 2 Renovation
- Dowell J. Howard Center Replacement
- Indian Hollow Elementary School Renovation and Addition
- Relocation of Facilities Services
- 5th Middle School
- 13th Elementary School