



FISCAL EXCELLENCE

Accomplishment related to Value #3, Indicator #17

SOUND STEWARDSHIP PRACTICES - DIVISION OF FACILITIES

Planning, Design and Construction

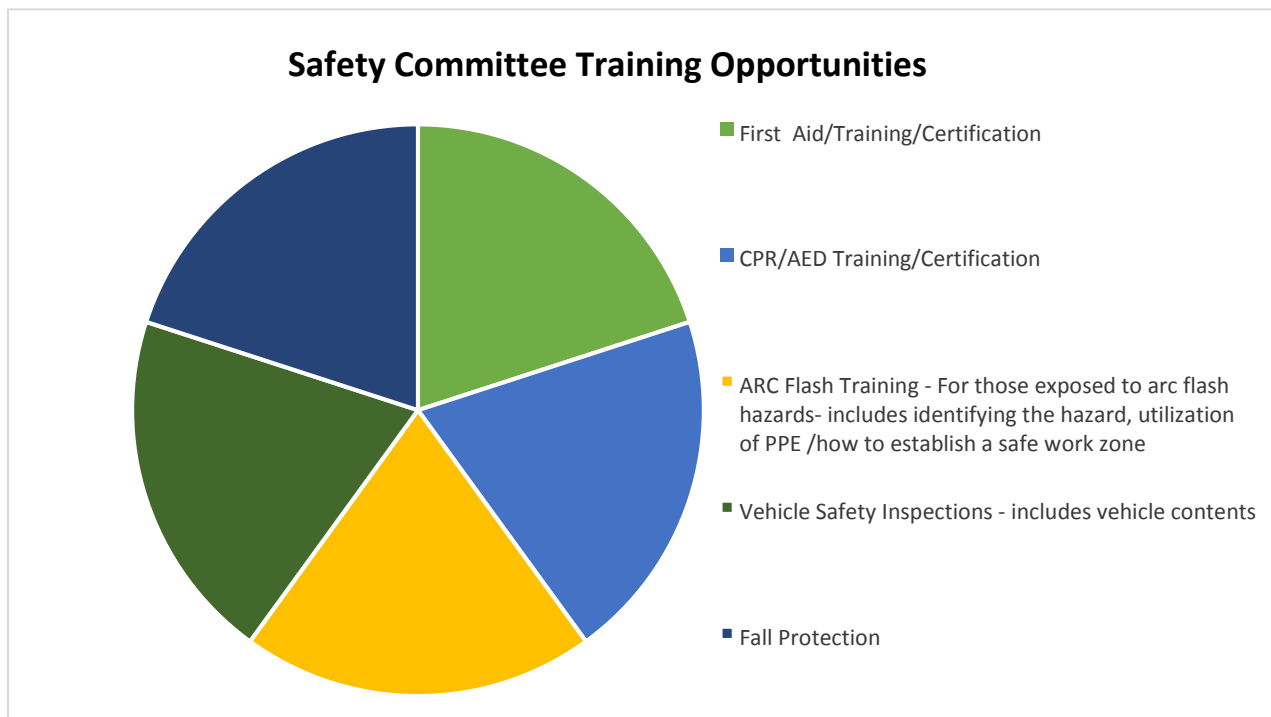
- Development of Standard Operating Procedures for project managers and principals for major capital projects.
- Acquisition of project controls software for capital projects.
- Investigation of opportunities to pilot a Construction Management at Risk delivery method for a major capital project.
- LEED Silver Certification has been achieved at 4 Elementary Schools and 2 High Schools: Lothian Elementary, Rolling Knolls Elementary, Jessup Elementary, Arnold Elementary, Severna Park High and Crofton High.

Maintenance

- Utilization of software program for maintenance work orders, providing better data on completion rate and work order status.
- Distribution of laptops, cell phone and other hand-held devices to Maintenance technicians to increase productivity and provide real time information on status of repairs.
- Creation of Maintenance Design Standards in conjunction with the Design Office. Consistency of standards allows more efficient purchasing/stocking of maintenance materials and supplies.
- Creation of an inventory of different components common to many schools to reduce the down time to a school.

FISCAL EXCELLENCE

- Investigation and implementation of many sustainable materials and maintenance processes.
- Conversion of building HVAC controls to an open protocol building control system (BACnet) allowing more efficient use of our energy management staff time.
 - 65% of AACPS facilities are using open protocol control systems, a 23% improvement over the past four fiscal years.
- In collaboration with Risk Management, emphasize a safer working environment by establishing safety training to increase knowledge and limit on-the-job injuries.
 - Facilities Division has established a Safety Committee. This committee has introduced valuable training opportunities for staff including:





FISCAL EXCELLENCE

Operations and Logistics

- Development of Standard Operating Procedures for all aspects of Operations and Logistics.
- Utilization of data provided by a third-party Business Analyst to better align staffing needs with requests for additional staffing.
- Utilization of solar power under a Power Purchasing agreement for the Ft. Smallwood Facilities Complex and with the City of Annapolis saving money and providing a renewable and sustainable energy alternative to the system.
- Under the direction of the Environmental Management office assured adherence to the new State requirement for lead testing throughout the county.
- Collaboration between Preventative Maintenance and Maintenance teams which increases our ability to complete Preventative Maintenance work on AACPS equipment, extend the useful life of equipment and reduce energy costs.
- Collaboration with the Office of Planning, Design & Construction to ensure that energy rebate opportunities are captured resulting in savings of more than \$100,000.
 - Through collaboration with the office of Planning, Design and Construction (PDC), we have captured \$109,663 in BGE rebates for FY19 and have targeted another \$1.0M to be achieved over the next 2 years. Prior to FY19 we helped PDC capture \$900,000 in BGE rebates since the inception of the Energy Conservation office in 2013.
- Completion of 40 lighting enhancement projects in schools to align current lighting needs, decrease energy consumption, and reduce utility costs.



FISCAL EXCELLENCE

- Our last 40 lighting projects covered FY18 and FY19 and resulted in \$151,000 of electric savings and generated over \$300,000 in BGE rebates.
- Since 2013, we have accumulated just over \$370,000 in total electric savings from strategic lighting projects and generated nearly \$520,000 in BGE rebates as part of those projects.
- Collaboration with our schools to encourage their participation in 'saving energy' through the regular energy savings competitions resulting in monetary savings for AACPS and a continuous message about the importance of saving energy.
 - Since the inception of these competitions in 2013 our schools have accumulated just over \$200,000 of electric savings.

Posted 7/9/19