

# Capital Improvement Project – Information Sheet

**Project Name:** Greene County Office of Emergency Services - Ambulances

**New Facility or Renovation:** New

**Total Project Estimate:** \$680,000 (1 unit, required equipment)

**Year Last Renovated:** N/A

**Year Constructed:** N/A



## Description/Justification:

Ambulances are the backbone of any emergency medical services (EMS) organization. Although it is hard to estimate the lifespan of the average ambulance, a quick search will find you a general estimate of around 5-7 years. The goal is to establish a fleet replacement program, purchasing new ambulances on a rotating basis so that no more than one ambulance is purchased each year. All ambulances will be fully equipped to state and federal specifications for EMS vehicles. The new ambulances will ensure continued reliable emergency medical response capabilities for our community's 3,000+ annual emergency calls for service.

## Operating Impact:

Despite Greene County being a small rural community, our EMS department responds to over 3,000 calls annually, placing significant operational demands on our ambulance fleet. Frequent breakdowns and out-of-service times compromise our ability to provide timely emergency response to our community. We are attempting to develop a rotation where we are replacing no more than one unit at a time. Ambulances have a useful life of 5-10 years which can vary based on make/model, maintenance history, and intensity of use.

The lead time on ambulances remains 24-36 months.

# Capital Improvement Project – Information Sheet

**Project Name:** Greene County Office of Emergency Services - Ballistic Protective Vests

**New Facility or Renovation:** New

**Total Project Estimate:** \$71,683

**Year Last Renovated:** N/A

**Year Constructed:** N/A



**Description/Justification:** Ballistic protective vests for all full-time EMS personnel and a pool of vests for part-time staff.

The purchase of ballistic vests for EMS personnel represents a critical investment in staff safety and operational readiness. Justified by the following factors: increasing workplace violence against EMS providers, duty to provide a safe working environment for staff, enhanced scene safety and response capability, risk mitigation and liability reduction, staff retention and recruitment tool, and alignment with industry best practices.

**Operating Impact:** Each vest has a useful life of 5-10 years, depending heavily on usage, proper storage, and fit. The vests represent an investment in employee safety and help reduce liability. The National Fire Protection Association (NFPA) and the Federal Emergency Management Agency (FEMA) have issued guidance recommending that fire and EMS personnel be equipped with ballistic protective equipment.

# Capital Improvement Project – Information Sheet

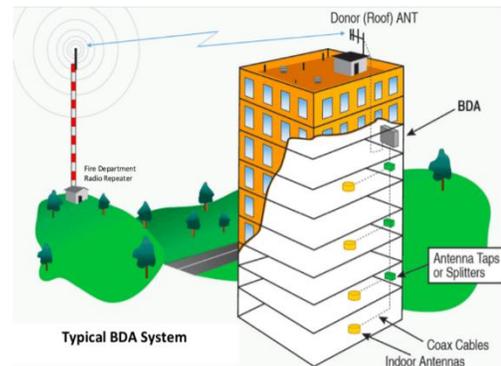
**Project Name:** Greene County Office of Emergency Services - Bi-Directional Amplifiers

**New Facility or Renovation:** New

**Total Project Estimate:** \$480,060 (3 units, \$400,050 in FY26 and FY 27)

**Year Last Renovated:** N/A

**Year Constructed:** N/A



**Description/Justification:** A bi-directional amplifier (BDA) is a device that amplifies both incoming and outgoing radio signals, essentially boosting the strength of two-way communication in areas with weak signal coverage, particularly inside buildings, ensuring reliable communication for emergency responders. While the new public safety radio system is online, the coverage in schools is not where we would like it to be. Coverage remains in the 70-80% range; and we would like to see it in the mid to upper 90s.

This project will benefit our public safety community, especially law enforcement, along with school personnel and students. Our School Resource Officers (SRO) must possess the ability to receive and transmit information on a consistent basis. The BDAs would provide radio coverage within the school buildings and the ability to communicate with other resources. The ability for law enforcement, among other first responders, to communicate is the key to any emergency and when there is an emergency inside a school, we need to have the ability to communicate.

**Operating Impact:** The impact of this project would include more effective planning, response, and efficiency of emergencies. In a large-scale emergency around 100-150 first responders would respond to the call. The responders, our student population, and our school staff, would be directly affected by the ability – or inability – to communicate, not to mention the countless number of families and citizens that would benefit from the knowledge that responders will be able to obtain resources and remain safe while mediating the situation.

## Capital Improvement Project – Information Sheet



**Project Name:** Fleet Dump Truck

**Project Type:** Addition of Equipment

**Total Project Estimate:** \$68,000

**Description/Justification:** A fleet dump truck is needed for various County departments, as well as the school system. According to the Water & Sewer Department, approximately \$70,000 is spent annually on hauling and rental fees. Facility Maintenance has spent approximately \$5,000 in hauling fees for various departments within the County. Conversations with personnel from Greene County Public Schools indicate that they also will utilize the fleet dump truck to help save hauling fees if one is available for their use.

**Operating Impact:** This purchase would eliminate hauling and rental fees as described above. The fleet dump truck would be managed by and housed at Vehicle Maintenance. An internal rental agreement would be developed so that there is record of use by each department, including the school system. Departments which use the fleet dump truck will be billed internally to help recoup funds. This purchase would be a significant source of annual savings for the County.

# Capital Improvement Project – Information Sheet

**Project Name:** Purchase of Vehicles  
Recommended by the County Fleet  
Management Program

**New Facility or Renovation:** New

**Total Project Estimate:** \$292,000

**Year Last Renovated:** N/A

**Year Constructed:** N/A



**Description/Justification:** The County requires many vehicles necessary for agencies and departments to be able to effectively serve the citizens. The Vehicle Maintenance Staff manages the fleet based upon department needs, useful vehicle lifespan and maintenance records. The vehicle requested in this year's recommendation are:

Sheriff – 2 Tahoes (\$63,000 ea.)

Inspections – Extended Cab Pick-up (\$63,000 ea.)

Facility Maintenance – Extended Cab Pick-up (\$63,000 ea.)

Erosion and Sediment Control – SUV (\$40,000 ea.)

**Operating Impact:** The Sheriff, Inspections, E&S and Facility Maintenance vehicles have reached the end of their useful life and are recommended for replacement. When possible vehicles that are no longer suitable for front line operations are transferred to other departments for subsequent light duty use. A successful fleet replacement program allows the county to efficiently maintain the vehicles needed for operations.

# Capital Improvement Project – Information Sheet

**Project Name:** Heavy-Duty Lift

**New Facility or Renovation:** New

**Total Project Estimate:** \$140,000

**Year Last Renovated:** N/A

**Year Constructed:** N/A



**Description/Justification:** An additional heavy-duty lift is needed for the volume of maintenance and repairs performed at Vehicle Maintenance Facility. The facility services all of Greene County Public School’s bus fleet, which has increased in size since the facility began operating in Dec. 1999. The facility also services Dyke Fire Department on an as-needed basis when our technicians are available. The heavy-duty lift requested is a 50,000-pound lift; it has the capability of lifting school buses, fire trucks, and other large equipment owned by the County of Greene. This lift cost estimate includes rolling jacks, light kit, and installation.

**Operating Impact:** The current heavy-duty lifts in the facility are outdated; one lift was installed in 1999, and the other lift was installed in 2001. When one of the current lifts is out of service and in need of repair, the volume of maintenance and repairs is impacted, as we then only have one lift that is operational. This creates a delay in the volume of services performed. We are seeing an increase in the amount of times these current lifts are inoperable. It is also becoming increasingly difficult to locate parts for the current in-ground lift due to its age, which also hinders the work flow.

# Capital Improvement Project – Information Sheet

**Project Name:** Greene County Office of  
Emergency Services - LifePaks

**New Facility or Renovation:** New

**Total Project Estimate:** \$65,000 (1 unit)

**Year Last Renovated:** N/A

**Year Constructed:** N/A



**Description/Justification:** Replacement of last remaining, obsolete LifePak 15 cardiac monitor with a LifePak 35. LifePak cardiac monitors are essential for the department to provide Advanced Life Support (ALS) capabilities. ALS is the expected standard for our citizens and we strive to maintain those capabilities. The Virginia Office of EMS requires that all ALS ambulances within the state have a cardiac monitor that has the capabilities of providing synchronized cardioversion, manual defibrillation, and transcutaneous pacing. LIFEPAK 35 devices have a series of vital sign monitors and external cardiac defibrillators that can provide lifesaving defibrillation in a cardiac arrest but also monitor heart rates and alert users of sudden changes. These devices electronically communicate with the receiving hospital, ensuring that the facility has the appropriate information to treat the patient upon our arrival.

Greene County EMS relies on these devices daily; they support our providers with patient care/treatment. LIFEPAKS strengthen the chain of survival and are critical to our overall success and to the survival and/or treatment of our patients in the pre-hospital setting.

**Operating Impact:** The completion of this project will enhance our overall emergency response system, enhance our ability to protect life, public health, and property as well as provide public convenience, comfort, and information to the citizens of Greene County during times of crisis / disaster. Failure to act may also result in violations of rules and regulations from the Virginia Office of EMS.

# Capital Improvement Project – Information Sheet

**Project Name:** Greene County Office of Emergency Services - LUCAS Chest Compression System

**New Facility or Renovation:** New

**Total Project Estimate:** \$40,000

**Year Last Renovated:** N/A

**Year Constructed:** N/A



## **Description/Justification:**

Greene County Emergency Medical Services (GCEMS) provides services for a very resource-limited area. A cardiac arrest call, with manual chest compressions, takes an average of six (6) staff members to be effective and improve the chance of a successful outcome. This would include one (1) team leader, one (1) individual running the cardiac monitor, one (1) individual breathing for the patient, one (1) individual giving medications to the patient, and at least two (2) individuals performing chest compressions. The LUCAS allows mechanical chest compressions to be performed. This allows GCEMS to go from needing 6 providers to only needing 4 providers, freeing 2 providers to respond to additional calls.

Additionally, it allows GCEMS the ability to transport the patient on the LUCAS device to the hospital, so if the patient re-arrests, the LUCAS can provide compressions, keeping our providers safe and not performing manual compressions in a moving ambulance.

**Operating Impact:** The acquisition of two additional LUCAS devices is essential to ensure every ambulance in the GCEMS fleet has consistent access to mechanical CPR technology, which directly impacts patient survival rates and crew safety. Benefits include but are not limited to clinical benefits (consistent compressions, uninterrupted, high quality compressions, enables EMS crews to perform other life-saving interventions), operational benefits (reduces provider fatigue, provides consistent CPR during transport, stair carriers, and other extraction scenarios, standardizes cardiac arrest care across all response units), safety benefits (reduces the number of providers needed, minimizes physical strain injuries on providers), and fleet standardization.

# Capital Improvement Project – Information Sheet

**Project Name:** ERP System to Replace BAI System

**New Facility or Renovation:** Renovation

**Total Project Estimate:** \$1,000,000 (Over 2-3 years)

**Year Last Renovated:** 2001

**Year Constructed:** 2001



**Description/Justification:** The BAI System has been in use by the County of Greene for many years. It is the primary system of record for all financial transactions within the County, Schools, and Social Services. Most Counties across the Commonwealth that were on the BAI System have implemented new ERP Systems. The current system is based on antiquated “DOS-like” commands, and does not provide adequate system interoperability across accounts, departments, and functions. Some of the main reasons for transitioning to a new system are:

- Security with Built in checks and Balances
- Streamline business processes across accounts, departments, and projects/functions
- Improve data accuracy and visibility including trend and scenario analysis
- Increase operational efficiency
- Reduce manual tasks
- Facilitate better collaboration
- Make informed decisions based on real-time data
- Create detailed and summary Board reports and analysis
- Save costs by minimizing errors and optimizing resource utilization – less time needed than on current manual processes
- Audit ready reports and financial analysis incorporating latest Generally Accepted Accounting Principles (GAAP) Standards

**Operating Impact:** The new ERP system would have to be procured through a formal bidding process involving user input from Departments. A temporary part-time project manager would need to be hired to migrate data and set-up the new system. Modules would be decided on and prioritized in order of importance and scope. Every attempt would be made to produce a smooth transition to a new ERP system.

# Capital Improvement Project – Information Sheet

**Project Name:** Park Improvement Project

**New Facility or Renovation:** Renovation

**Total Project Estimate:** \$795,000

**Year Last Renovated:** 2015

**Year Constructed:** 2001



**Description/Justification:** The County received funding from the US Congress for park improvements. The Board postponed the project in response to the freezing of Federal Funds. The improvements include:

Parking lot paving, new overflow parking lot, parking and security lights, automated security gate at entrance, new public water line and other security improvements.

**Operating Impact:** The improvements will expand safety, security and services offered at the community park. The federal dollars have been approved and are available for the project.

# Capital Improvement Project – Information Sheet

**Project Name:** Parks and Recreation Master Plan

**New Facility or Renovation:** Renovation

**Total Project Estimate:** \$140,000

**Year Last Renovated:** 2008

**Year Constructed:** n/a



**Description/Justification:** The Parks and Recreation Master Plan will serve as a comprehensive roadmap for both short and long-range planning for the development of the Greene County Parks and Recreation Department. As the County’s population continues to grow and diversify, an updated master plan study will identify community priorities. Last completed in 2008, various strategies such as community-wide needs assessment, a parks and facilities appraisal, and other data-based analysis; this strategic document will be used to ensure proper stakeholder engagement takes place and appropriate planning and steps for implementation is done to meet the community’s recreational needs.

**Operating Impact:** Study will identify key issues for the department to keep up with a changing community while defining the value of parks and recreation. Plan development will provide direction toward future financial allocations (operating and capital) to achieve goals.

# Capital Improvement Project – Information Sheet

**Project Name:** School Bus Fleet Replacement Program

**New Facility or Renovation:** New

**Total Project Estimate:** \$435,528

**Year Last Renovated:** N/A

**Year Constructed:** N/A



**Description/Justification:** Greene County Public Schools maintains a fleet of vehicles necessary to transport students and staff. The Vehicle Maintenance Staff manages the fleet based upon department needs, useful vehicle lifespan and maintenance records. The vehicle requested in this year's recommendation are:

1 – 36 Passenger Bus

2 – 77 Passenger Bus

**Operating Impact:** The buses are recommended for replacement and purchase because of changing transportation needs and life span and maintenance records. A successful fleet replacement program allows the county to efficiently maintain the vehicles needed for operations.

# Capital Improvement Project – Information Sheet

**Project Name:** Stanardsville Sewer Improvements

**New Facility or Renovation:** Replacement

**Total Project Estimate:** \$13,000,000

**Year Last Renovated:** N/A

**Year Constructed:** N/A



**Description/Justification:** Retire Stanardsville waste water treatment plant lagoons and construct a new wastewater line and pump lift station to redirect flow to the Rapidan waste water treatment plant. This provides more efficient and effective treatment. The DEQ permit for Stanardsville is expiring and will not be renewed.

**Operating impact:** The Rapidan Waste Water Treatment Plant will continue to be maintained and operated by staff at levels detailed in recommended FY 26-27 operating budget. Not completing the project before the DEQ permit expires will result in fines and penalties for non compliance.