

**Department Name: Fire, Rescue & Emergency Services**  
**Capital Improvement Project Requests**  
**FY 23/24 - 27/28**

No.	Project Title	Priority	Prior Appropriation	Totals	2023-24	2024-25	2025-26	2026-27	2027-28	Est Oper Costs
1	Ambulance Replacement Program	Urgent	\$ -	\$ 1,750,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ -
3	Fire & Rescue Facilities	Urgent	\$ 250,000	\$ 24,000,000	\$ 14,000,000	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 975,000
4	Aerial Ladder Truck Apparatus	Necessary	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 630,000
5		0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6		0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7		0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8		0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9		0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10		0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Department Request</b>			<b>\$ 250,000</b>	<b>\$ 27,750,000</b>	<b>\$ 14,350,000</b>	<b>\$ 350,000</b>	<b>\$ 2,350,000</b>	<b>\$ 350,000</b>	<b>\$ 10,350,000</b>	<b>\$ 1,605,000</b>

KING GEORGE COUNTY  
Capital Improvement Project Request

Request # 1

1. Department: **Fire, Rescue & Emergency Services** 2. Date Requested: **1/13/2023**

3. Project Title: **Ambulance Replacement Program** 4. \*Priority: **Urgent**

5. Project Description: Include Location, Size of project, Sq. footage, etc. (attach map)

This project is to replace one ambulance each year. The ambulances are stationed at Companies 1, 2, 3 and Station 2 throughout the County.

6. Reason for Request:

Regulatory Requirement:	<input checked="" type="checkbox"/>	Safety:	<input checked="" type="checkbox"/>	Obsolete:	<input type="checkbox"/>
Upgrade/ Replace/Renovate:	<input checked="" type="checkbox"/>	Growth:	<input checked="" type="checkbox"/>	Efficiency:	<input checked="" type="checkbox"/>

7. Project Justification: Reason the project is being requested/state regulatory agency if applicable, etc.

Currently King George County's Emergency Medical Services (EMS) are provided with seven (7) ambulances with one (1) acting as a reserve (back-up) ambulance. These ambulances respond to various emergencies such as; medical, fire, hazardous materials, law enforcement stand-by, etc. Between all of these units they respond to over 4000 calls per year. These units are maintained with a weekly rotation schedule. This rotation is necessary in order for no one ambulance to receive very high mileage in a short time frame and to ensure preventive maintenance and repairs are completed. Most of the miles comes from transporting medical patients to Mary Washington Hospital, Spotsylvania Regional Hospital, and to Charles Regional Medical Center in Maryland. Most ambulances receive an average 25,000 miles annually with all seven (7) totaling approximately 175,000 miles a year. Below is the current mileage and year for each unit, Unit 1 (2014) - 184,500, Unit 2 (2018) - 88,000, Unit 3 (2019) - 37,650, Unit 4 (2016) - 126,000, Unit 5 - (2014) 168,000, Unit 6 - (2016) 134,000, and Unit 7 - (2018) 71,000. Operating cost for each ambulance will be approximately the same as our current ambulances, if not less. These costs include insurance, fuel, preventive maintenance, etc. However, no new additional costs would be added. This request follows the recommendations outlined in the VA Dept. of Fire Programs and VA Office of EMS State Study for King George, as endorsed by the Board of Supervisors.

8. Benefits if Request is approved:

With purchasing one (1) ambulance every year, this will prevent several ambulances from reaching their life expectancy all at the same time. Ambulances should be replaced approximately every six (6) years based on mileage and overall condition. The Fire & Rescue Study in 2001 stated "Budget planning should plan for the replacement of one ambulance per year". Currently an ambulance is replaced every 150,000 – 190,000 miles as needed. In the future as more people call for ambulance service, the sooner these miles will be added.

9. Impact if Request is not approved:

Not replacing ambulances on a needed basis will have catastrophic consequences on the community. It is imperative to have reliable emergency apparatus such as ambulances. Patients that are critically ill or injured and that need immediate life saving treatment will be at risk.

10. Included in Master Plan:  New:  Prev Apprv:  Expanded:

11. Effect on other Departments/Other Beneficiaries?

Adding on to our current cybersecurity profile, can only help to protect us against the threats of attempts, by cyber criminals, to infiltrate our network systems. A whole-network structure that has the correct deterrents, will insulate everyone in the County from future threats.

Request # 1 continued

Department: **Fire, Rescue & Emergency Services**  
Proj. Continued: **Ambulance Replacement Program**

KING GEORGE COUNTY  
Capital Improvement Project Request

12. Project timeline: Beg/End Date: 7/30/2022 to 7/1/2023

13. Additional Space Requirements:

14. Estimated Annual Costs:	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Architecture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchases	\$ 1,750,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000
<b>Estimated Project Total:</b>	<b>\$ 1,750,000</b>	<b>\$ 350,000</b>	<b>\$ 350,000</b>	<b>\$ 350,000</b>	<b>\$ 350,000</b>	<b>\$ 350,000</b>

15. **\*\*Estimated Annual Operating Costs upon Completion: MUST BE COMPLETED**

	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Additional Staff Needed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance agreements, etc.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other, Vehicles, etc.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Estimated Operating Costs:</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**\*\*Note: Must be including in Operating Budget.**

16. Attachments:

\*\*\*Below Area to be completed by Finance Department **Except #18 Grant Funding: \*\*\*\*\***

17. Prior Year Appropriations: \$ - Year

18. Estimated Funding Source:	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Cash/Local Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
***Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
***Capital Lease	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State/Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Grant Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**\*\*\*Note: Must include Principal and Interest Payments in Operating Budget.**

19. County Administrator's Comments: Recommend/Deny:

20. Board of Supervisors Comments/Recommendations: Recommend/Deny:

21. Date Presented to Board:  22. Date Adopted by Board:

See #4 above \* **Urgent** = Must be completed as soon as possible. Regulatory requirement, compliance, mandated. Start < 1 year.  
**Necessary** = Should be done to ensure safety of employees/citizens, etc. Hazardous. Start < 3 years.  
**Future** = No immediate need; Will improve facility, etc. May create savings/efficiencies.  
**Desirable** = Revenue enhancing/Cost saving projects. Income/savings will cover expense of project.

KING GEORGE COUNTY  
Capital Project Budget Request

Request # 2

1. Department: **Fire, Rescue & Emergency Services** 2. Date Requested: **1/13/2023**  
3. Project Title: **Fire & Rescue Facilities** 4. \*Priority: **Urgent**

5. Project Description: Include Location, Size of project, Sq. footage, etc. (attach map)

This project is to replace our current Company 2 and Station 2 in Dahlgren and to build a new Company 4 station in the Shiloh / Jersey district.

6. Reason for Request:

Regulatory Requirement:	<input checked="" type="checkbox"/>	Safety:	<input checked="" type="checkbox"/>	Obsolete:	<input checked="" type="checkbox"/>
Upgrade/ Replace/Renovate:	<input checked="" type="checkbox"/>	Growth:	<input checked="" type="checkbox"/>	Efficiency:	<input checked="" type="checkbox"/>

7. Project Justification: Reason the project is being requested/state regulatory agency if applicable, etc.

Funds are being requested to design and build a fire & rescue station in the Dahlgren district. Currently the fire department and rescue squad functions are housed into two (2) separate facilities. Both buildings are older and require constant maintenance in order to stay in service. The Co.2 fire station was built and designed to have no bunking / sleeping areas for firefighters to stay overnight and to provided around-the-clock operations. The fire department had turned the upstairs office into a bunkroom, however this was only designed to be used temporarily. There is only one (1) shower in the station and it is located in the men's restroom. The Rescue Station 2 was built in 1954, and houses its office and training areas in a separate building than its ambulances. The ambulance bays do not have A/C, the problem that we face currently is that medications stored on these ambulances have to be temperature maintained, this is a regulation by State Board of Health. Storage in both the fire station and rescue squad has become a major issue. Both facilities were built and designed different than the needs for today. We are requesting funding for land aquisition and for a new combination station that would meet present and future needs for fire & rescue operations. This facility would have fire and rescue apparatus storage bays, office area for filing and making reports, bunkrooms for both male and female overnight sleeping, small physical fitness area, kitchen, dayroom, etc. Also this facility would provide some shared office space for the Sheriff's Office. The operating costs for this proposed new station should be less than operating out of the two separate facilities that are older and not energy efficient. There should not be any new operating costs with this new facility, however this would be determined by the site and design of the new facility (ex. county power or septic, etc.)

8. Benefits if Request is approved:

Company 2 (Dahlgren) Fire & Rescue Station:  
The current Rescue Station 2 and Company 2 building could possibly be used for other County services or be sold to offset some of the cost for the new station. Also operating one (1) new modern combined station is more cost efficient than operating two (2) older seperate stations. This new station would provide modern and state of the art facility for fire, rescue and emergency services needs within the growing Dahlgren district.  
Company 4 (Shiloh) Fire & Rescue Station: Citizens, businesses, and visitors will receive a more efficient and faster delivery of emergency services when calling 911. A primary fire and rescue response would not have to come from our current Company 1

9. Impact if Request is not approved:

Company 2 (Dahlgren) Fire & Rescue Station:  
Not funding this project would result in operating out of two outdated separate stations that are not conducive to around-the-clock fire & rescue operations. Also as these buildings continue to age they will require significant maintenance costs in the near future in order to stay in operation. Expanding or renovating the station could potentially be an option, however the primary problem that exists is not having enough land and having restrictions on building due to the adjacent wetlands. Company 4 (Shiloh) Fire & Rescue Staion: If this station is not approved than this area of the county will continue to be serviced by Company 1 along with

10. Included in Master Plan:  N/A  New:  Prev Apprv:  Expanded :

11. Effect on other Departments/Other Beneficiaries?

The Sheriff's Office would have some shared office space in the Dahlgren station in order to conduct some work as needed. We have been in communication with the Sheriff and incorporating his needs.

KING GEORGE COUNTY  
Capital Project Budget Request

Request # 2 continued

**Department:** Fire, Rescue & Emergency Services  
**Proj. Continued:** Fire & Rescue Facilities

**12. Project timeline: Beg/End Date:**  to

**13. Additional Space Requirements:**

14. Estimated Annual Costs:	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Architecture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 24,000,000	\$ 14,000,000				\$ 10,000,000
Equipment Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Estimated Project Total:</b>	<b>\$ 24,000,000</b>	<b>\$ 14,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000,000</b>

**15. \*\*Estimated Annual Operating Costs upon Completion: MUST BE COMPLETED**

	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Additional Staff Needed	\$ 975,000	\$ -	\$ -	\$ -	\$ -	\$ 975,000
Utilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance agreements, etc.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other, Vehicles, etc.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Estimated Operating Costs:</b>	<b>\$ 975,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 975,000</b>

*\*\*Note: Must be including in Operating Budget.*

**16. Attachments:**

\*\*\*Below Area to be completed by Finance Department Except #18 Grant Funding: \*\*\*\*\*

**17. Prior Year Appropriations:**  Year

18. Estimated Funding Source:	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Cash/Local Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
***Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
***Capital Lease	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State/Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Grant Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*\*\*\*Note: Must include Principal and Interest Payments in Operating Budget.*

**19. County Administrator's Comments:** **Recommend/Deny:**

**20. Board of Supervisors Comments/Recommendations:** **Recommend/Deny:**

**21. Date Presented to Board:**  **22. Date Adopted by Board:**

**See #4 above \*** Urgent = Must be completed as soon as possible. Regulatory requirement, compliance, mandated. Start < 1 year.  
Necessary = Should be done to ensure safety of employees/citizens, etc. Hazardous. Start < 3 years.  
Future = No immediate need; Will improve facility, etc. May create savings/efficiencies.  
Desirable = Revenue enhancing/Cost saving projects. Income/savings will cover expense of project.

KING GEORGE COUNTY  
Capital Project Budget Request

Request # 3

1. Department:  2. Date Requested:

3. Project Title:  4. \*Priority:

5. Project Description: Include Location, Size of project, Sq. footage, etc. (attach map)

To purchase an aerial ladder truck (apparatus).

6. Reason for Request:

Regulatory Requirement:	<input type="text" value="X"/>	Safety:	<input type="text" value="X"/>	Obsolete:	<input type="text" value="X"/>
Upgrade/ Replace/Renovate:	<input type="text" value="X"/>	Growth:	<input type="text" value="X"/>	Efficiency:	<input type="text" value="X"/>

7. Project Justification: Reason the project is being requested/state regulatory agency if applicable, etc.

Currently the Fire, Rescue, & Emergency Services Department does not have an aerial ladder truck in our fleet of vehicles. The Department ladder capabilities only provide for a limited reach in order to rescue people. Our current ladder that is carried is a 24 foot extension ladder and is capable of reaching a standard two-story window. Additionally, the ladder truck is necessary to provide for an aerial master stream for fire suppression purposes. All aerial ladder services are requested from surrounding mutual aid departments to include; NDW Dahlgren Naval Base, Westmoreland County / Colonial Beach, City of Fredericksburg, Charles County, MD, and / or Stafford County. These mutual aid departments only respond to King George County in the event they are available to respond and often times they have not been available. King George County currently has many structures throughout the county, both residential and commercial, that would require the use of an aerial ladder truck in the event of a fire and the need to rescue of victims from heights above 2 stories.

8. Benefits if Request is approved:

By approving an aerial ladder truck would provide less reliance on mutual aid surrounding departments to provide this vital service to our community. Additionally, it would provide the necessary apparatus in our inventory fleet to more quickly and better service our residents and the public during the time of an emergency and thus would provide additional points for a reduction in future ISO (Insurance Services Office) ratings.

9. Impact if Request is not approved:

If not approved our Department will continue operating as is and will not have the apparatus necessary to provide the needed service in our community. We will continue to have to rely on mutual aid departments to provide the service along with extended response times.

10. Included in Master Plan:  New:  Prev Apprv:  Expanded :

11. Effect on other Departments/Other Beneficiaries?

KING GEORGE COUNTY  
Capital Project Budget Request

Request # 3 continued

**Department:** Fire, Rescue & Emergency Services  
**Proj. Continued:** Aerial Ladder Truck Apparatus

12. Project timeline: Beg/End Date:  to

13. Additional Space Requirements:

14. Estimated Annual Costs:	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Architecture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -
Equipment Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Estimated Project Total:</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ -</b>

15. \*\*Estimated Annual Operating Costs upon Completion: MUST BE COMPLETED

	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Additional Staff Needed	\$ 630,000	\$ -	\$ -	\$ -	\$ 630,000	\$ -
Utilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance agreements, etc.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other, Vehicles, etc.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Estimated Operating Costs:</b>	<b>\$ 630,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 630,000</b>	<b>\$ -</b>

*\*\*Note: Must be including in Operating Budget.*

16. Attachments:

\*\*\*\*Below Area to be completed by Finance Department Except #18 Grant Funding: \*\*\*\*

17. Prior Year Appropriations:  Year

18. Estimated Funding Source:	Totals	2023-24	2024-25	2025-26	2026-27	2027-28
Cash/Local Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
***Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
***Capital Lease	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State/Federal Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Grant Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*\*\*\*Note: Must include Principal and Interest Payments in Operating Budget.*

19. County Administrator's Comments: Recommend/Deny:

20. Board of Supervisors Comments/Recommendations: Recommend/Deny:

21. Date Presented to Board:  22. Date Adopted by Board:

See #4 above \* **Urgent** = Must be completed as soon as possible. Regulatory requirement, compliance, mandated. Start < 1 year.  
**Necessary** = Should be done to ensure safety of employees/citizens, etc. Hazardous. Start < 3 years.  
**Future** = No immediate need; Will improve facility, etc. May create savings/efficiencies.  
**Desirable** = Revenue enhancing/Cost saving projects. Income/savings will cover expense of project.