

County of Henrico, Virginia
Capital Improvement Program
FY 2020-21 through FY 2024-25

Fire

Fund 21 Capital Projects Fund

Project/Work Phase	Priority	Request FY 20-21	Request FY 21-22	Request FY 22-23	Request FY 23-24	Request FY 24-25	Total Five Year
06177 Firehouse #6 Relocation	1	493,522	11,075,975	0	0	0	11,569,497
13003 Firehouse 23 - Eastgate/Newbridge	1	0	1,600,000	8,000,000	0	0	9,600,000
08769 Opticom	2	0	3,649,975	0	0	0	3,649,975
06366 Firehouse #1 Relocation	1	0	0	2,778,629	11,283,291	0	14,061,920
06529 Firehouse #11 Replacement	1	0	0	0	2,635,576	11,073,218	13,708,794
06519 Firehouse #4 Replacement	1	0	0	0	0	13,845,732	13,845,732
Total		493,522	16,325,950	10,778,629	13,918,867	24,918,950	66,435,918

Capital Improvement Program

FY2020/21 - FY2024/25 - Fund - 21 - Capital Projects Fund

Project No: 06177	Project Name: Firehouse #6 Relocation
Department: Fire	Department Priority: 1
Project Type: Building (New)	Fiscal Year: 2021
District: Varina	Revenue Source: No Funding Source

Description and Scope

This project includes the purchase of five acres of land and the construction for the relocation of the existing Firehouse 6 within its current assigned response area. This facility will have a foot print of a 11,000 square foot building and 1,305 square feet of mezzanine with operational and administrative space. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located in close proximity to the bay room. Other features of this firehouse include three drive-through bays, an area designated for training/conferences, a day room, 3 administrative offices, a fitness room, and outdoor storage. This firehouse houses an engine, fire medic unit, and ladder truck.

Purpose and Need

The estimated costs to renovate the existing structure is not cost effective due to compliance with current ADA requirements, fire protection codes, building code regulations, as well as the inability to provide the required space. A new structure is needed due to insufficient space. The firehouse does not have drive through bays. Due to lack of space, fire apparatus must be moved each time an ambulance response is received.

History and Current Status

This is the fifteenth year of submission for this project.

Location

In the current service area of Firehouse #6.

Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
Planning and Design	0	1,513,082	0	0	0
Land	493,522	0	0	0	0
Site Improvements	0	464,821	0	0	0
Construction	0	6,828,370	0	0	0
Direct Equipment	0	0	0	0	0
Vehicle Replacement	0	0	0	0	0
Other project Costs	0	1,088,513	0	0	0
Furniture and Fixtures	0	1,181,189	0	0	0
Total Request	\$493,522	\$11,075,975	\$0	\$0	\$0

Estimated Operating Costs

FY2021	\$0
FY2022	\$0
FY2023	\$6,000
FY2024	\$6,000
FY2025	\$6,000

Map



Notes

Prior Request Year: Year 2
Prior Request Priority: 1
Prior Request Amount: \$10,754,296

Capital Improvement Program

FY2020/21 - FY2024/25 - Fund - 21 - Capital Projects Fund

Project No: 13003	Project Name: Firehouse 23 - Eastgate/Newbridge
Department: Fire	Department Priority: 1
Project Type: Building (New)	Fiscal Year: 2022
District: Varina	Revenue Source: G.O. Bonds - General Gov't - 2016

Description and Scope

This new fire station will have a footprint approximately 11,000 square feet for the building and 1,305 square feet of mezzanine. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located in close proximity to the bay room. Other features of this firehouse include three drive-through bays, an area designated for training/conferences, a day room, administrative office spaces, a Battalion Chief office, a fitness room, and outdoor storage. The units currently assigned to this station include an engine and a fire medic unit. This firehouse would staff twenty-two personnel - one Captain, three Lieutenants, and eighteen Firefighters.

Purpose and Need

This station will be designed to meet current operational requirements and accommodate firefighting apparatus. Based on the current level of development and actual calls for service, the Eastgate Firehouse is expected to handle 3,177 first-due emergency incidents per year, not including second-due responses into adjacent areas.

History and Current Status

This is the seventh year of submission for this project. This project was approved by the voters in the November 2016 G.O. Bond Referendum.

Location

Nine Mile Road and Westover Avenue

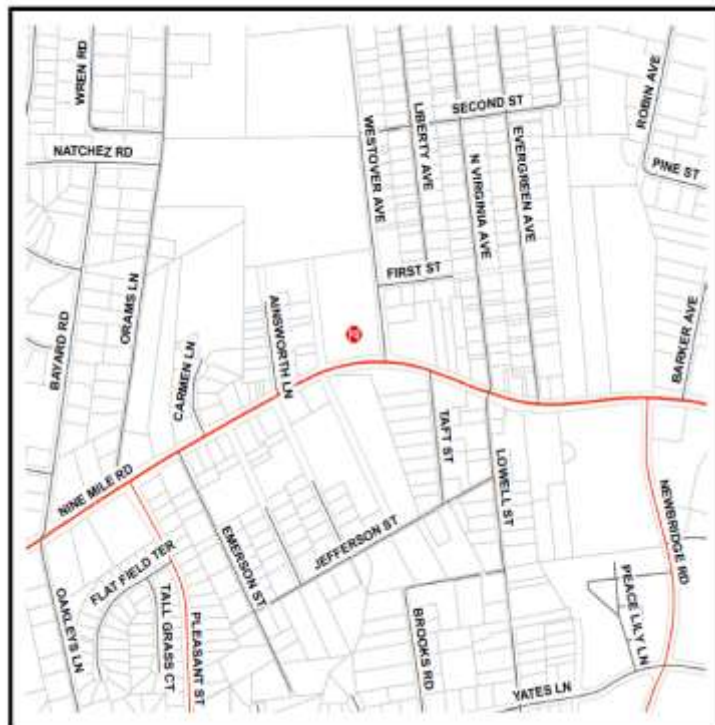
Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
Planning and Design	0	1,120,012	0	0	0
Land	0	0	0	0	0
Site Improvements	0	479,988	0	0	0
Construction	0	0	5,615,992	0	0
Direct Equipment	0	0	0	0	0
Vehicle Replacement	0	0	0	0	0
Other project Costs	0	0	861,179	0	0
Furniture and Fixtures	0	0	1,522,829	0	0
Total Request	\$0	\$1,600,000	\$8,000,000	\$0	\$0

Estimated Operating Costs

Map

FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$1,676,818
FY2025	\$1,676,818



Notes

Prior Request Year: Year 3
Prior Request Priority: 1
Prior Request Amount: \$9,600,000

Capital Improvement Program

FY2020/21 - FY2024/25 - Fund - 21 - Capital Projects Fund

Project No: 08769	Project Name: Opticom	
Department: Fire	Department Priority: 2	
Project Type: Technology Improvement	Fiscal Year: 2022	
District: Countywide	Revenue Source: No Funding Source	

Description and Scope

This project is to replace and enhance the traffic pre-emption system (Opticom) utilized by the Division of Fire to mitigate traffic concerns while responding to calls for service. Approximately 135 vehicles and 298 signaled intersections across the county will be outfitted with updated transmitter with enhanced GPS capabilities to make the system operate more efficiently. The project also includes maintenance and software services to manage the system.

Purpose and Need

The current traffic pre-emption system is more than 20 years old, and significant advances in technology throughout the past two decades has caused a need to evaluate and plan to upgrade the system. The traffic pre-emption system creates a safer travel path for Division personnel to respond, and it can help personnel to arrive quicker to the incident scene.

History and Current Status

This is the second year that this project has been submitted.

Location

Countywide

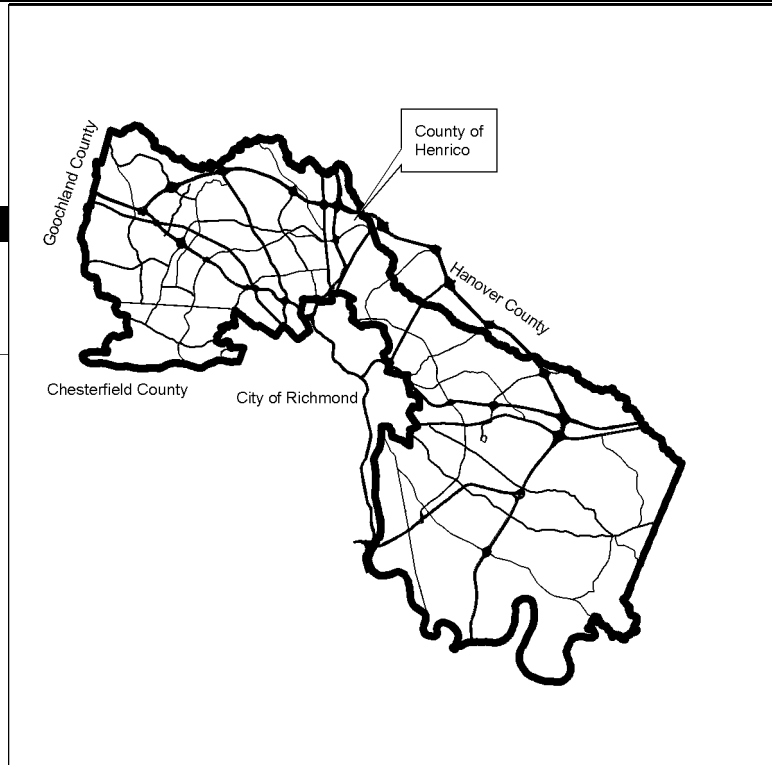
Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
Planning and Design	0	0	0	0	0
Land	0	0	0	0	0
Site Improvements	0	0	0	0	0
Construction	0	0	0	0	0
Direct Equipment	0	3,649,975	0	0	0
Vehicle Replacement	0	0	0	0	0
Other project Costs	0	0	0	0	0
Furniture and Fixtures	0	0	0	0	0
Total Request	\$0	\$3,649,975	\$0	\$0	\$0

Estimated Operating Costs

	Map
FY2021	\$0
FY2022	\$0
FY2023	\$98,125
FY2024	\$98,125
FY2025	\$98,125

Map



Notes

Prior Request Year:	Year 3
Prior Request Priority:	2
Prior Request Amount:	\$3,353,700

Capital Improvement Program

FY2020/21 - FY2024/25 - Fund - 21 - Capital Projects Fund

Project No: 06366	Project Name: Firehouse #1 Relocation
Department: Fire	Department Priority: 1
Project Type: Building (New)	Fiscal Year: 2023
District: Fairfield	Revenue Source: No Funding Source

Description and Scope

This project includes the purchase of approximately five and a half acres of land and the construction of a new Firehouse #1. The facility will have a footprint of 12,500 square feet building and 1,305 square feet of mezzanine. The proposed firehouse will be designed to meet current operational requirements and accommodate firefighting apparatus. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located in close proximity to the bay room. Other features of this firehouse include four drive-through bays, an area designated for training and conferences, a day room, administrative office spaces, a fitness room, and outdoor storage. The units currently assigned to this station include an engine, ladder truck, technical rescue team, and fire medic unit.

Purpose and Need

The current site is not conducive to future expansion due to the presence of a stream and the topography of the land. This firehouse continues to experience water, parking, septic system, and living quarter issues. Due to facility capacity limitations, the Technical Rescue Team tractor trailer must be parked outside, exposed to the elements.

History and Current Status

This is the eleventh year of submission for this project since FY2010.

Location

Within the same area of the current fire station, which is located at 110 East Azalea Avenue

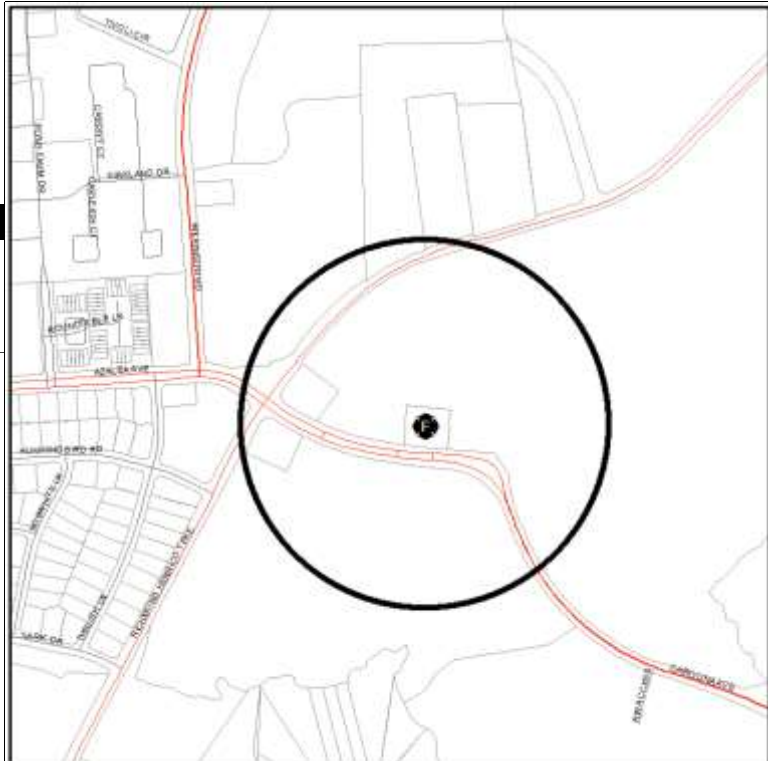
Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
Planning and Design	0	0	1,840,402	0	0
Land	0	0	938,227	0	0
Site Improvements	0	0	0	524,404	0
Construction	0	0	0	8,323,400	0
Direct Equipment	0	0	0	0	0
Vehicle Replacement	0	0	0	0	0
Other project Costs	0	0	0	1,178,793	0
Furniture and Fixtures	0	0	0	1,256,694	0
Total Request	\$0	\$0	\$2,778,629	\$11,283,291	\$0

Estimated Operating Costs

	Map
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
FY2025	\$5,000

Map



Notes

Prior Request Year: Year 4
Prior Request Priority: 1
Prior Request Amount: \$12,455,813

Capital Improvement Program

FY2020/21 - FY2024/25 - Fund - 21 - Capital Projects Fund

Project No: 06529	Project Name: Firehouse #11 Replacement
Department: Fire	Department Priority: 1
Project Type: Building (New)	Fiscal Year: 2024
District: Fairfield	Revenue Source: No Funding Source

Description and Scope

This project includes the potential purchase of land to either relocate or rebuild on the current site within Firehouse 11's general assigned response area. This facility will have a footprint of a 11,000 square foot building with operational and administrative space. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located in close proximity to the bay room. Other features of this firehouse include 3 Drive-through bays, an area designated for training/conferences, a day room, 3 administrative offices, a fitness room, and outdoor storage. This Firehouse houses an engine and fire medic unit.

Purpose and Need

The estimated costs to renovate the existing structure is not cost effective due to compliance of the current ADA requirements, fire protection codes, building code regulations, as well as the inability to provide the required space.

History and Current Status

Since FY2010, this is the sixth year of submission for this project.

Location

The same service area as the current station located at 1754 Hungary Road

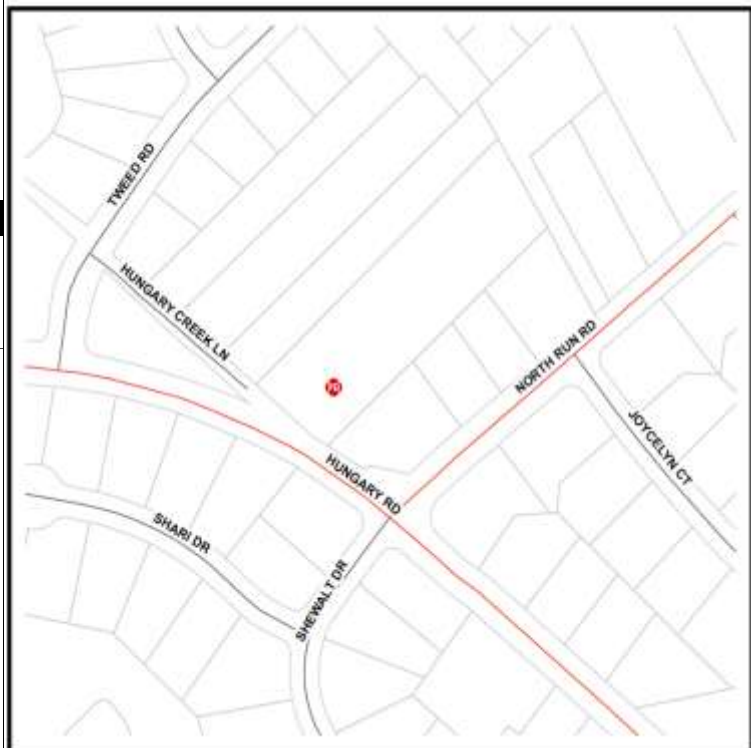
Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
Planning and Design	0	0	0	1,711,488	0
Land	0	0	0	924,088	0
Site Improvements	0	0	0	0	703,903
Construction	0	0	0	0	7,830,016
Direct Equipment	0	0	0	0	0
Vehicle Replacement	0	0	0	0	0
Other project Costs	0	0	0	0	1,218,430
Furniture and Fixtures	0	0	0	0	1,320,869
Total Request	\$0	\$0	\$0	\$2,635,576	\$11,073,218

Estimated Operating Costs

	Map
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
FY2025	\$0

Map



Notes

Prior Request Year: Year 5
Prior Request Priority: 1
Prior Request Amount: \$11,772,199

Capital Improvement Program

FY2020/21 - FY2024/25 - Fund - 21 - Capital Projects Fund

Project No: 06519	Project Name: Firehouse #4 Replacement
Department: Fire	Department Priority: 1
Project Type: Building (New)	Fiscal Year: 2025
District: Varina	Revenue Source: No Funding Source

Description and Scope

This project includes the purchase of five acres of land and the construction for the relocation of the existing Firehouse 4 within its current assigned response area. This facility will have a foot print of a 11,000 square foot building and 1,305 square feet of mezzanine with operational and administrative space. The project includes private gender-neutral restrooms and individual bunkrooms, ideally located in close proximity to the bay room. Other features of this firehouse include three drive-through bays, an area designated for training/conferences, a day room, three administrative offices, a fitness room and outdoor storage. This Firehouse houses an engine, fire medic unit, tanker, and brush truck.

Purpose and Need

The current building was built as a one-company firehouse.

History and Current Status

Since FY2010, this is the seventh year of submission for this project.

Location

In the current service area of Fire Station 4 - 8112 Strath Road

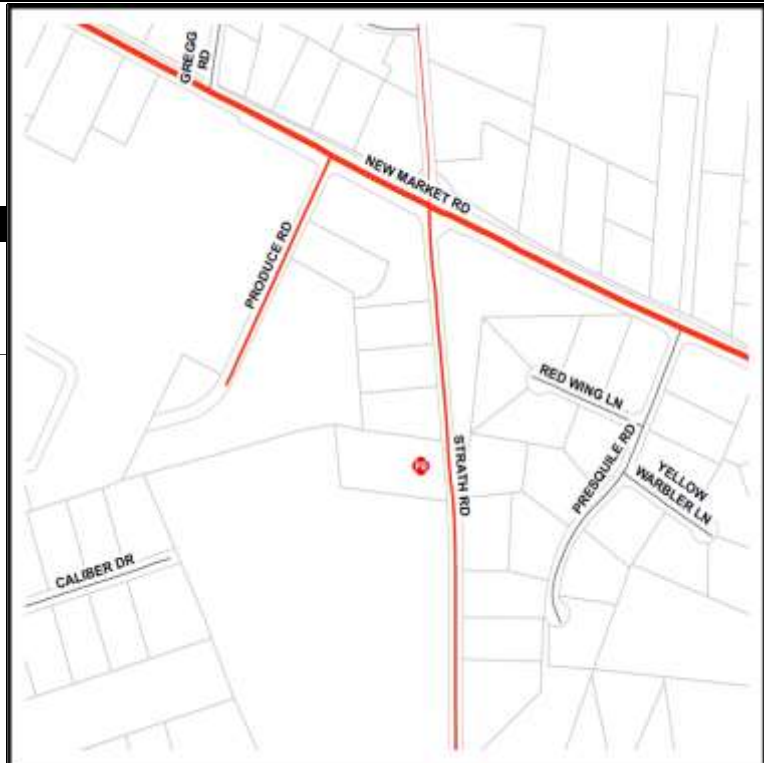
Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
Planning and Design	0	0	0	0	1,706,494
Land	0	0	0	0	1,184,510
Site Improvements	0	0	0	0	512,844
Construction	0	0	0	0	7,911,729
Direct Equipment	0	0	0	0	0
Vehicle Replacement	0	0	0	0	0
Other project Costs	0	0	0	0	1,206,473
Furniture and Fixtures	0	0	0	0	1,323,682
Total Request	\$0	\$0	\$0	\$0	\$13,845,732

Estimated Operating Costs

	Map
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
FY2025	\$0

Map



Notes

Prior Request Year: Year 5
Prior Request Priority: 2
Prior Request Amount: \$11,957,085