

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

**Public Works - Roadway**

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
28001 Richmond - Henrico Turnpike	1	5,000,000	9,000,000	0	0	0	14,000,000
08150 I-64 N. Gayton Road Interchange Study	2	500,000	0	0	0	0	500,000
08882 Sadler Place Roundabout	3	4,500,000	0	0	0	0	4,500,000
08875 Countywide Landscaping Improvements	4	250,000	250,000	250,000	250,000	250,000	1,250,000
00499 General Road Construction	5	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
06837 Countywide Pedestrian Improvements	6	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
08163 Countywide Engineering Feasibility Study	7	500,000	500,000	500,000	500,000	500,000	2,500,000
08558 Kain Road	1	0	0	0	1,200,000	11,030,000	12,230,000
<b>Total</b>		<b>14,250,000</b>	<b>13,250,000</b>	<b>4,250,000</b>	<b>5,450,000</b>	<b>15,280,000</b>	<b>52,480,000</b>

# Capital Improvement Program

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

<b>Project No:</b> 28001	<b>Project Name:</b> Richmond - Henrico Turnpike
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 1
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2021
<b>District:</b> Fairfield	<b>Revenue Source:</b> G.O. Bonds - General Gov't - 2016

### Description and Scope

This project will widen and improve the existing 1.9 mile section of roadway located adjacent to Richmond International Raceway. The road will be reconstructed as a four-lane divided roadway with turn lanes, curb-and-gutter, drainage improvements, a 10-foot wide multi-use trail, and sidewalk. Total project cost estimate is \$30,008,000, consisting of \$11,672,001 in State funds, \$1,500,000 in previous County appropriation, \$14,000,000 in County bond proceeds, \$2,000,000 in right-of-way donation from the Richmond International Raceway, and credit of \$836,000 from the existing Azalea Avenue federal CMAQ project.

### Purpose and Need

Richmond-Henrico Turnpike is classified as a minor arterial roadway on the County's 2026 Major Thoroughfare Plan. Additional capacity is needed on this roadway in order to accommodate future development in the area. This road does not meet current roadway design or drainage standards and it lacks adequate pedestrian accommodations.

### History and Current Status

This project is advancing to preliminary engineering using \$1,500,000 in County funds appropriated in June 2017 and State funds from VDOT's SMART SCALE program.

### Location

Between Laburnum Ave and the railroad crossing located approx. 0.7 mile north of Azalea Ave.

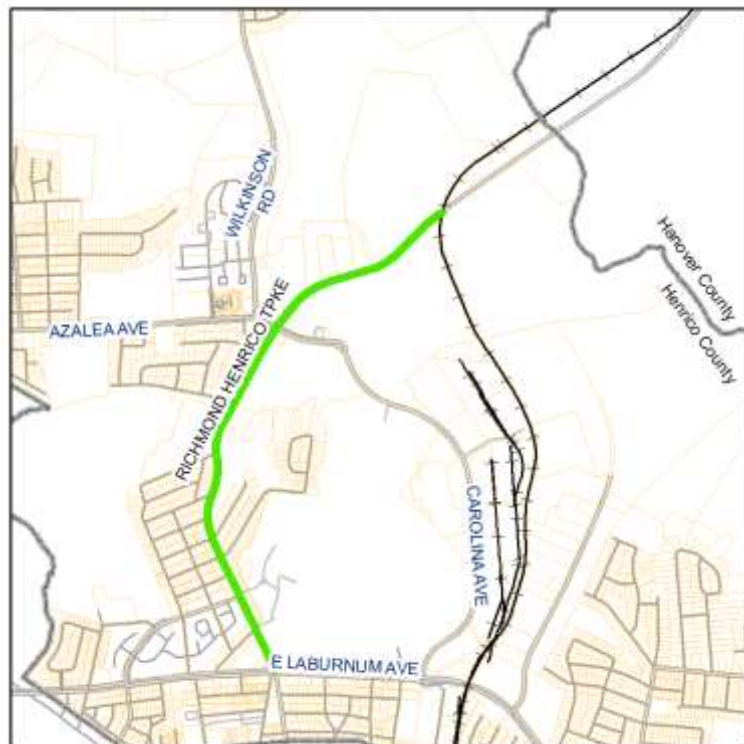
### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	5,000,000	9,000,000	0	0	0
<b>Land</b>	0	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	0	0	0	0	0
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	<b>\$5,000,000</b>	<b>\$9,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### Estimated Operating Costs

### Map

<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0



### Notes

**Prior Request Year:** Year 3  
**Prior Request Priority:** 1  
**Prior Request Amount:** \$14,000,000

# Capital Improvement Program

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

<b>Project No:</b> 08150	<b>Project Name:</b> I-64 N. Gayton Road Interchange Study
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 2
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2021
<b>District:</b> Three Chopt	<b>Revenue Source:</b> No Funding Source

### Description and Scope

Update and revise the draft Interchange Justification Report (IJR) in conjunction with the VDOT Short Pump Sub Area Study; develop a preferred alternative design; coordinate with VDOT and FHWA for approval of the interchange; perform the necessary environmental studies.

### Purpose and Need

The proposed interchange will help address the traffic congestion and safety concerns in the Short Pump area on both I-64 and West Broad Street.

### History and Current Status

The proposed interchange has been planned since the 1990's and is included in the County's 2026 Major Thoroughfare Plan. The County previously acquired a portion of right - of - way necessary to construct this project.

### Location

North Gayton at Interstate 64

### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	500,000	0	0	0	0
<b>Land</b>	0	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	0	0	0	0	0
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	\$500,000	\$0	\$0	\$0	\$0

### Estimated Operating Costs

	Map
<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0

### Map



### Notes

<b>Prior Request Year:</b>	New
<b>Prior Request Priority:</b>	New
<b>Prior Request Amount:</b>	\$0

# Capital Improvement Program

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

<b>Project No:</b> 08882	<b>Project Name:</b> Sadler Place Roundabout
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 3
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2021
<b>District:</b> Three Chopt	<b>Revenue Source:</b> No Funding Source

### Description and Scope

This project will design and construct a roundabout at the intersection of Sadler Road and Sadler Place in the Innsbrook area of the County. The project will also incorporate bicycle and pedestrian accommodations.

### Purpose and Need

The proposed roundabout will relieve congestion and improve safety at an existing intersection controlled by stop signs. Due to the close proximity of the existing traffic signal at the intersection of Sadler Road and Nuckols Road, a traffic signal is not feasible at this location.

### History and Current Status

Conceptual layouts of this roundabout were previously developed; however, current traffic counts, turning movements and traffic projections are required to determine the preferred design.

### Location

Sadler Place and Sadler Road

### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	1,000,000	0	0	0	0
<b>Land</b>	350,000	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	3,150,000	0	0	0	0
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	<b>\$4,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### Estimated Operating Costs

	Map
<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0

### Map



### Notes

<b>Prior Request Year:</b>	New
<b>Prior Request Priority:</b>	New
<b>Prior Request Amount:</b>	\$0

# Capital Improvement Program

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

<b>Project No:</b> 08875	<b>Project Name:</b> Countywide Landscaping Improvements
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 4
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2021
<b>District:</b> Countywide	<b>Revenue Source:</b> No Funding Source

### Description and Scope

Install landscaping at various locations throughout the County in roadway medians and along the roadside.

### Purpose and Need

To supplement landscaping installed as part of Capital Improvement Roadway Projects, replace and upgrade existing landscaping, and install new landscaping

### History and Current Status

The Department of Public Works has been increasing the quantity and scope of roadway landscaping projects over the last several years; however, there has been no dedicated funding source for these projects.

### Location

Countywide

### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	0	0	0	0	0
<b>Land</b>	0	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	250,000	250,000	250,000	250,000	250,000
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000

### Estimated Operating Costs

### Map

<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0



### Notes

<b>Prior Request Year:</b>	New
<b>Prior Request Priority:</b>	New
<b>Prior Request Amount:</b>	\$0

# Capital Improvement Program

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

<b>Project No:</b> 00499	<b>Project Name:</b> General Road Construction
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 5
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2021
<b>District:</b> Countywide	<b>Revenue Source:</b> General Fund - Public Works

### Description and Scope

This project provides the necessary funding for improvements to the countywide roadway system on an as-needed basis. These funds are used to provide the required match for various VDOT Revenue Sharing Program projects.

### Purpose and Need

The department will primarily use these funds as a source of matching funds for state and federal grant programs.

### History and Current Status

This project is funded with a General Fund funding source (Motor Vehicle License Fee revenue). This project is a "recurring" capital project that appears in this CIP annually.

### Location

Various locations Countywide

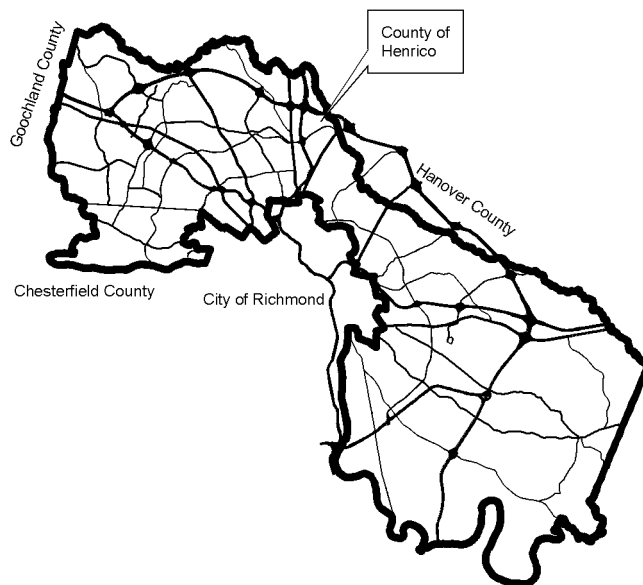
### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	0	0	0	0	0
<b>Land</b>	0	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>

### Estimated Operating Costs

<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0

### Map



### Notes

<b>Prior Request Year:</b>	Year 1
<b>Prior Request Priority:</b>	3
<b>Prior Request Amount:</b>	\$5,000,000

# Capital Improvement Program

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

<b>Project No:</b> 06837	<b>Project Name:</b> Countywide Pedestrian Improvements
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 6
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2021
<b>District:</b> Countywide	<b>Revenue Source:</b> General Fund

### Description and Scope

Install bicycle and pedestrian facilities at various locations throughout the County. Facilities to be constructed include sidewalk, ADA compliant curb ramps, bus stop accommodations, and shared use paths.

### Purpose and Need

To provide better and safer accommodations for bicyclists and pedestrians.

### History and Current Status

The department will primarily use these funds as a source of matching funds for state and federal grant programs. This project is a "recurring" capital project that appears in the CIP annually.

### Location

Countywide

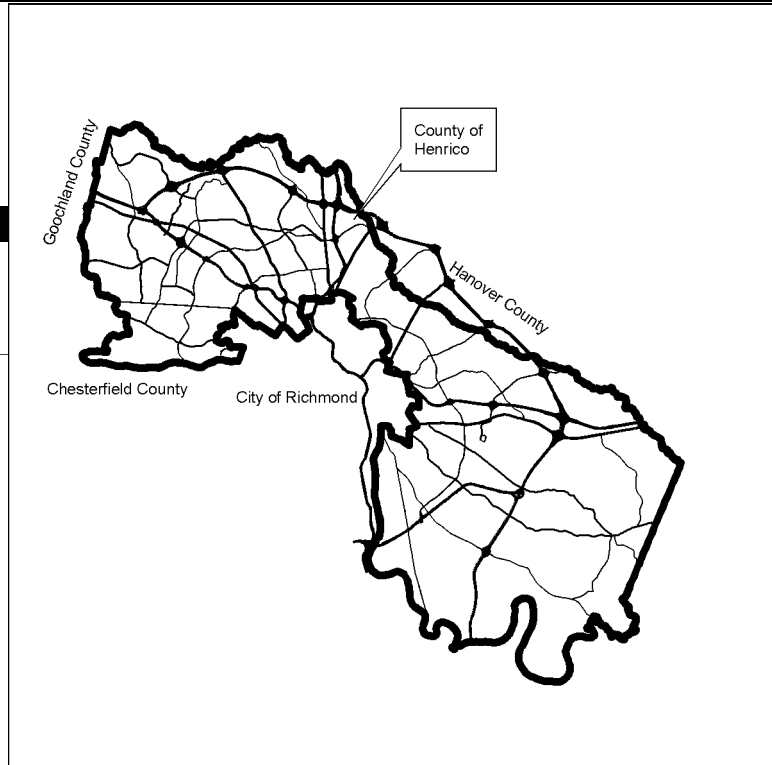
### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	0	0	0	0	0
<b>Land</b>	0	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000

### Estimated Operating Costs

<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0

### Map



### Notes

<b>Prior Request Year:</b>	Year 1
<b>Prior Request Priority:</b>	4
<b>Prior Request Amount:</b>	\$12,500,000

# Capital Improvement Program

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

<b>Project No:</b> 08163	<b>Project Name:</b> Countywide Engineering Feasibility Study
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 7
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2021
<b>District:</b> Countywide	<b>Revenue Source:</b> General Fund

### Description and Scope

This project includes the planning and preliminary engineering design for various new roads and improvements to existing roadways countywide.

### Purpose and Need

The department will primarily use these funds to develop accurate cost estimates and schedules to assist in competing for federal and state grant funding for project right-of-way acquisition, utility relocation, and construction.

### History and Current Status

This project was first requested in the FY17 CIP.

### Location

Countywide

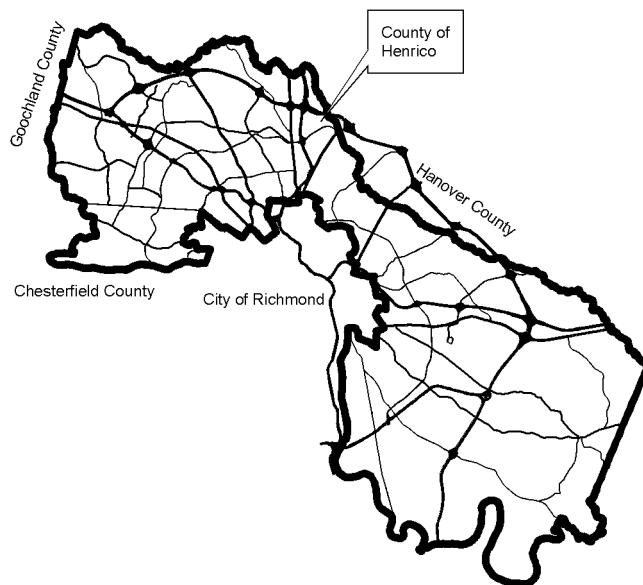
### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	500,000	500,000	500,000	500,000	500,000
<b>Land</b>	0	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	0	0	0	0	0
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000

### Estimated Operating Costs

<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0

### Map



### Notes

**Prior Request Year:** Year 1  
**Prior Request Priority:** 5  
**Prior Request Amount:** \$2,500,000



# Capital Improvement Program

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

<b>Project No:</b> 08558	<b>Project Name:</b> Kain Road
<b>Department:</b> Public Works - Roadway	<b>Department Priority:</b> 1
<b>Project Type:</b> Roadway	<b>Fiscal Year:</b> 2024
<b>District:</b> Three Chopt	<b>Revenue Source:</b> No Funding Source

### Description and Scope

This project will widen and improve a 1.1-mile section of Kain Road between North Gayton Road and Axe Handle Lane. This facility will be reconstructed as a 34-foot wide roadway with curb-and-gutter, drainage improvements, and a sidewalk. Purchase of right-of-way to accommodate these improvements will be included as part of the project.

### Purpose and Need

Kain Road is classified as a minor collector roadway on the County's 2026 Major Thoroughfare Plan. This project is needed to improve safety, drainage, provide pedestrian accommodations, and to accommodate future development in the area. This road does not meet current roadway design or drainage standards.

### History and Current Status

No work has been done on this project.

### Location

Between North Gayton Road & Axe Handle Lane

### Capital Expenditures

	FY2021	FY2022	FY2023	FY2024	FY2025
<b>Planning and Design</b>	0	0	0	0	0
<b>Land</b>	0	0	0	0	0
<b>Site Improvements</b>	0	0	0	0	0
<b>Construction</b>	0	0	0	1,200,000	11,030,000
<b>Direct Equipment</b>	0	0	0	0	0
<b>Vehicle Replacement</b>	0	0	0	0	0
<b>Other project Costs</b>	0	0	0	0	0
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	\$0	\$0	\$0	\$1,200,000	\$11,030,000

### Estimated Operating Costs

### Map

<b>FY2021</b>	\$0
<b>FY2022</b>	\$0
<b>FY2023</b>	\$0
<b>FY2024</b>	\$0
<b>FY2025</b>	\$0



### Notes

<b>Prior Request Year:</b>	Year 4
<b>Prior Request Priority:</b>	1
<b>Prior Request Amount:</b>	\$12,230,000