

*County of Henrico, Virginia*  
**Capital Improvement Program**  
**FY 2017-18 through FY 2021-22**

## Information Technology - GIS

Fund 21 Capital Projects Fund

Project/Work Phase	Priority	Request FY 17-18	Request FY18-19	Request FY 19-20	Request FY 20-21	Request FY 21-22	Total Five Year
00429 Geographic Information System	1	150,000	150,000	150,000	150,000	150,000	750,000
<b>Total</b>		<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>

# Capital Improvement Program

## FY2017/18 - FY2021/22 - Fund -21 -Capital Projects Fund

**Project No:** 00429      **Project Name:** Geographic Information System  
**Department:** Information Technology - **Department Priority:** 1  
**Project Type:** Technology Improvement **Fiscal Year:** 2018  
**District:** General Government **Revenue Source:** General Fund

**Description and Scope**

The current budget assumes updates to the County’s aerial orthophotography, planimetric base map, and topography on a regular recurring cycle. The County’s GIS Strategic Guiding Plan sets a goal of an update of at least every other year for aerial orthophotography and every three to five years for the planimetric and topography data. This frequency is necessary to support the needs of the various internal agencies in the County. The primary purpose of this project is to support the update cycles of the County’s base map datasets. These updated base map layers have become integral tools of the County. Some of the more prominent uses of the base map data include real estate tax parcel mapping, impervious surface calculations, and public safety routing and pre-planning.

**Purpose and Need**

To increase the level of service delivery and efficiency of County agencies by providing current and accurate geographic information and by integrating the GIS with our information systems to empower staff to access and efficiently analyze information.

**History and Current Status**

Initial mapping efforts accomplished in 1998. Since that time, the datasets have been updated on a regular basis. This is a recurring project that is included in the Capital Improvement Program each year due to the importance of maintaining accurate and current base map data.

**Location**

General Government

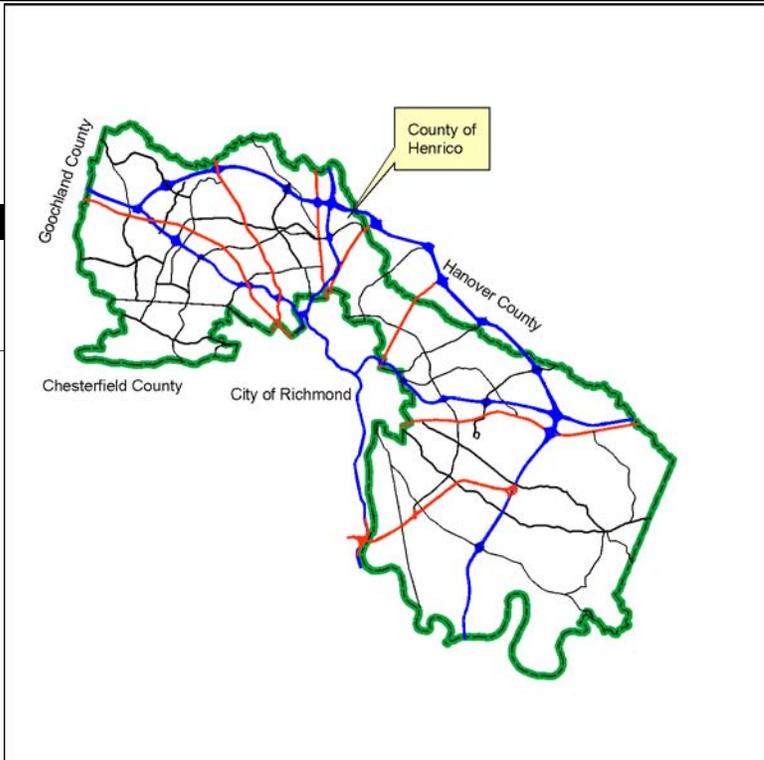
**Capital Expenditures**

	FY2018	FY2019	FY2020	FY2021	FY2022
<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	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>	150,000	150,000	150,000	150,000	150,000
<b>Furniture and Fixtures</b>	0	0	0	0	0
<b>Total Request</b>	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

**Estimated Operating Costs**

	Map
FY2018	\$0
FY2019	\$0
FY2020	\$0
FY2021	\$0
FY2022	\$0

**Map**



**Notes**

**Prior Request Year:** Year 1  
**Prior Request Priority:** 1  
**Prior Request Amount:** \$150,000