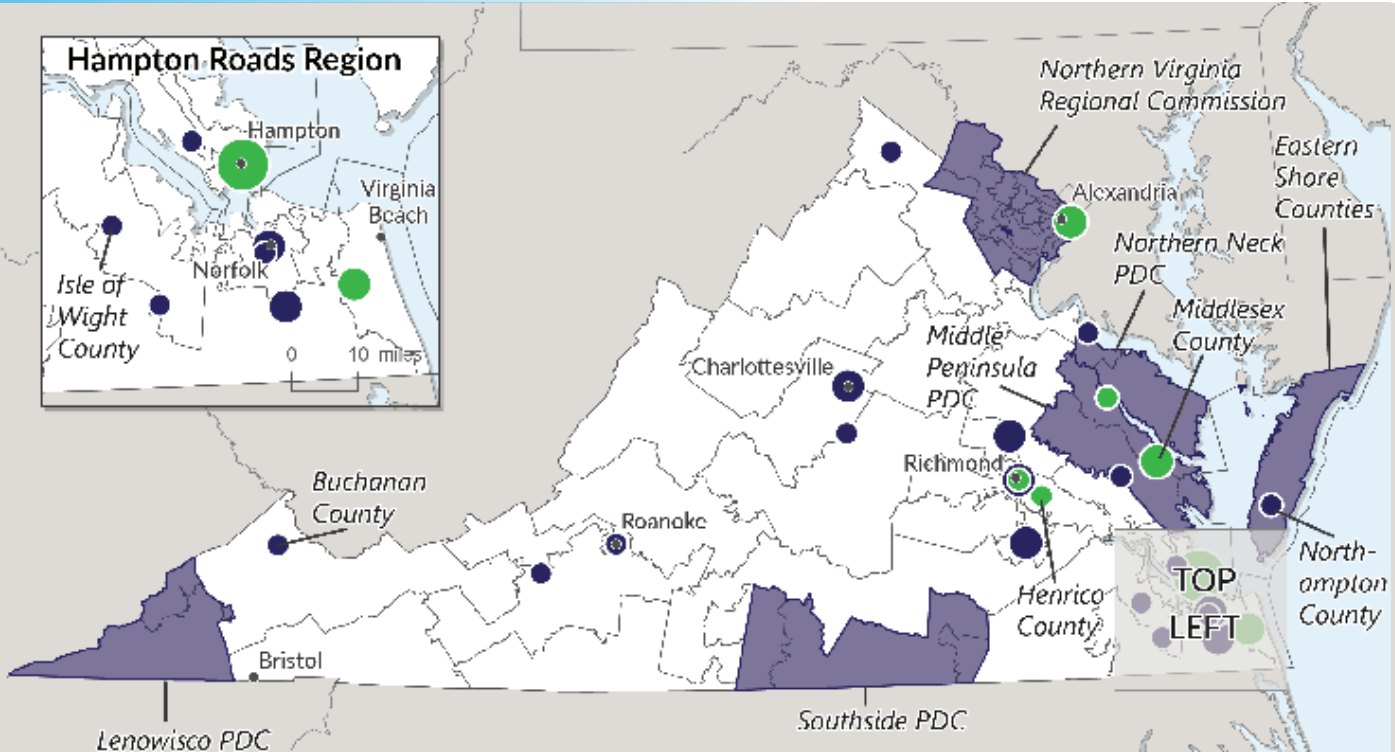


RGGI GRANTS

COMMUNITY FLOOD PREPAREDNESS FUND



In 2020, Virginia passed the Clean Energy and Community Flood Preparedness Act to protect Virginians from growing flood risk from more frequent and intense storms and sea level rise. This allowed the Commonwealth to join the Regional Greenhouse Gas Initiative (RGGI) and established the Community Flood Preparedness Fund (CFPF). RGGI is a market-based program of 11 states that generates funds while reducing electricity sector emissions. Half of its proceeds fund low-income energy efficiency programs and 45% fund the CFPF.

The CFPF provides loans and grants for projects, studies, and planning throughout the Commonwealth to identify and address flood vulnerability for communities. CFPF funds can build capacity in localities that otherwise would not have the resources to develop comprehensive flood vulnerability assessments and action-oriented flood mitigation approaches.

CITY OF FAIRFAX

The City of Fairfax is an independent City located within Fairfax County acting as the headwater of Accotink Creek. As the City has developed over time, impervious surfaces have increased and stream reaches now cross residential, commercial, educational, and industrial properties throughout the City. Coupled with increasing rainfall intensity and the City's unique topographic and hydrologic features, localized urban flooding has become more regular.



CITY OF FAIRFAX



\$144,041



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1 RESILIENCE PLAN

The City currently lacks the capacity or in-house expertise to create a resilience plan on its own, so will work with a consultant to develop a City-wide outline that will focus on upgrading, modifying, and installing new stormwater and flood control practices in strategic locations within the City. The Resilience Plan will aim to implement nature-based solutions to the maximum extent practicable in order to mitigate current flooding as well as increase Citywide resilience to future flooding situations.

2 MOSBY WOODS FLOODPLAIN IMPROVEMENTS STUDY

The City will use this CFPF award to evaluate the impacts of the Accotink Creek floodplain on the Mosby Woods condominiums and develop strategies to prevent and mitigate damages from riverine flooding. The study will also model the effects of potential infrastructure changes at the major culvert systems and streams within the area, while evaluating the whole floodplain system to ensure flooding is not transferred downstream. This assessment will allow the City to develop an action-oriented approach to flood resilience in the Mosby Woods community.

WHY IT MATTERS

“The goal in development of the City of Fairfax Resilience Plan is to provide a City-wide approach to address the increased flooding within the community through nature-based solutions. This planning level document will provide the City with the ability to complete vulnerability assessments and develop an action-oriented approach to flood preparedness and resiliency.”