

Connect - RVA 2045

Bicycle & Pedestrian

Richmond Regional Bicycle & Pedestrian Plan

Richmond Regional Transportation Organization Policy Board

April 1, 2021

Richmond Regional Bicycle & Pedestrian Plan

Purpose, Roles & Responsibilities

- Long Range Transportation Plan (LRTP)
- PlanRVA team and primary responsibilities
- Project Steering Committee team, time commitment and responsibilities



CREDIT: PlanRVA

Richmond Regional Bicycle & Pedestrian Plan

Look back at 2004 plan...

- Richmond Bicycle Master Plan
- Chesterfield Bikeways & Trails (comp plan)
- Hanover Active & Healthy Living Chapter
- Ashland Parks & Recreation Master Plan

Construction & dedication

- Virginia Capital Trail
 - T. Tyler Potterfield Bridge
 - Huguenot Bridge
 - Cannon Creek Greenway
-
- East Coast Greenway designations & some signed routes



CREDIT: PlanRVA

Richmond Regional Bicycle & Pedestrian Plan

Long Range Transportation Plan (LRTP) or ConnectRVA 2045

Guides the region's transportation investments over the next 20 years.

Plan focuses on all modes of travel, including transit, highways, bicycles, and pedestrians.



connectrva2045.org

As part of the LRTP, a key question for the Bike-Ped Plan is:

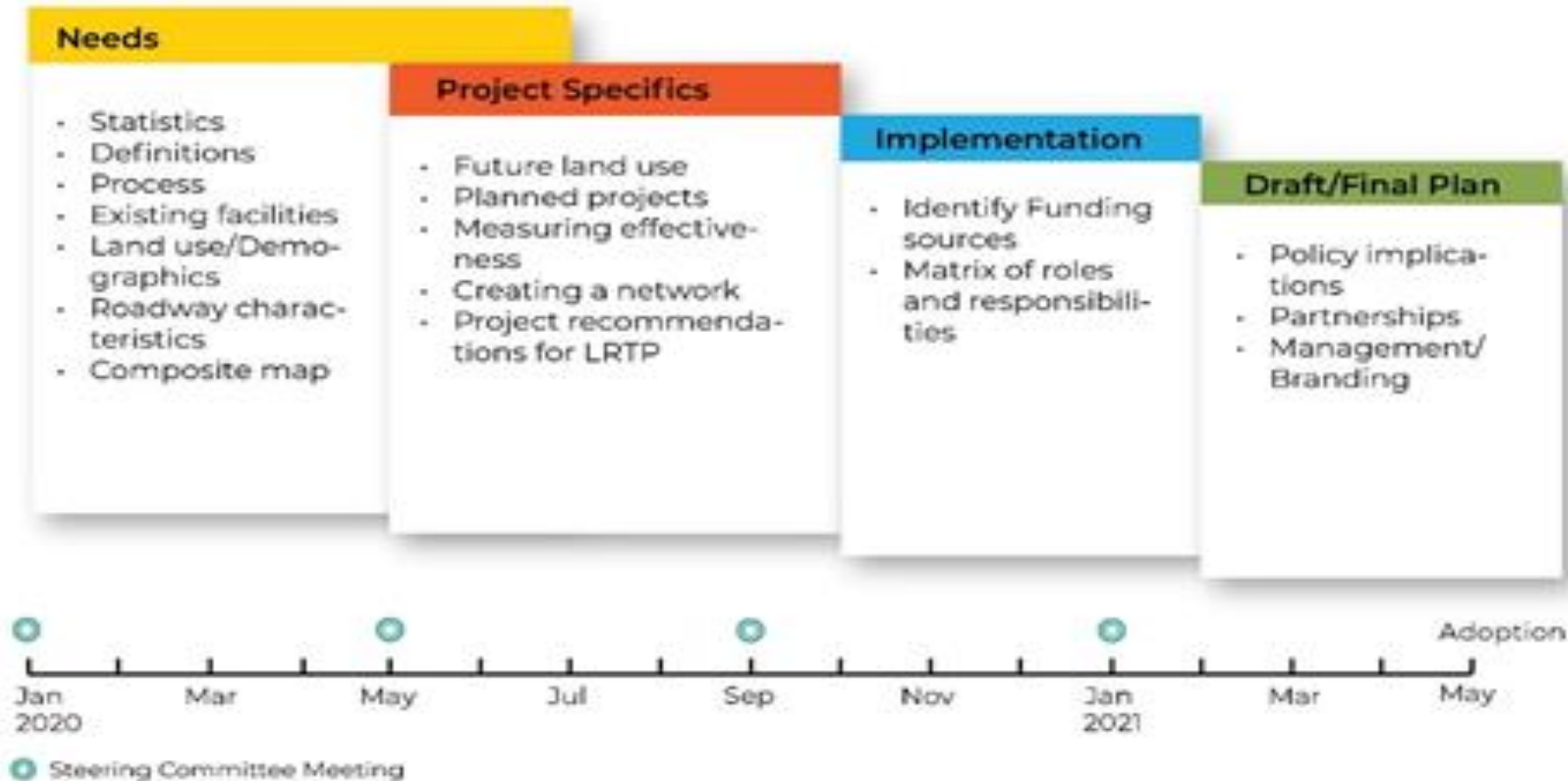
What does it mean to be part of the regional transportation network?

From the Project Inclusion Guidelines:

- Projects on segregated lanes within dedicated rights of way
- Projects of independent utility that are part of a larger multi-jurisdiction network or significantly contribute to filling identified gaps in an existing bike/ped network
- Projects that directly connect and support the existing transit service

Richmond Regional Bicycle & Pedestrian Plan

Where we are in the planning process



Richmond Regional Bicycle & Pedestrian Plan

Vision

The Richmond region provides mobility for people of all ages and abilities through a safe, continuous, recognizable, and intuitive pedestrian and bicycle network. Efforts to make walking and biking a safe travel mode are well-integrated into all regional and local comprehensive and related plans, implementing ordinances and guidelines to equitably enhance the quality of life, strengthen local economies and preserve the natural environment.

Richmond Regional Bicycle & Pedestrian Plan

Guiding Principles:

- Provide **Safe**, multimodal regional transportation system recognizing that vehicle speed and conflict between modes lead to higher roadway injury and fatality rates.
- Build **Equity** into all transportation planning and spending in the region with focus on connecting historically disregarded communities to employment and services.
- Ensure **Choice** among all travel options (private vehicle, transit, bike, walk) regionwide.
- Prioritize **Completion** of regional bicycle & pedestrian networks for individual and community health
- Make **last-mile transit access** a priority for a more resilient transportation system.
- Incorporate **context sensitive design** of all facilities to reduce conflicts and enhance sustainable communities.

Richmond Regional Bicycle & Pedestrian Plan

Key Definitions for Bike Infrastructure:

Bicycle Boulevard:* A low-volume and low-speed street that encourages biking.

Bicycle Lane:* A designated bikeway adjacent to automobile lanes.

Connector Path:* A route similar to a shared use path but lacks important elements such as the necessary width.

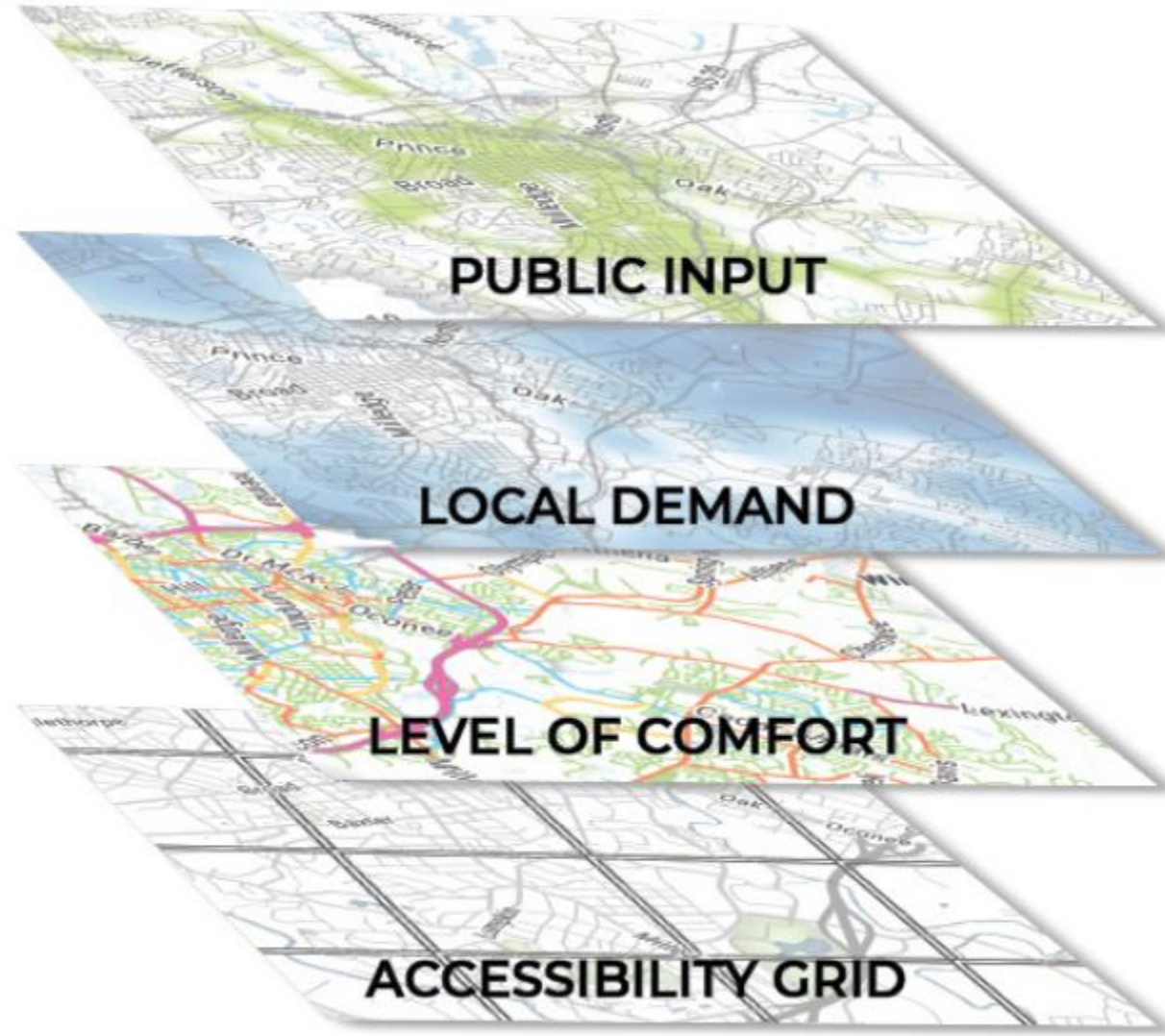
Cycle Track:* A one- or two-direction bikeway providing secure physical separation.

Shared Use Path:* A separated off-street bicycle and pedestrian facility.

*Identified as bicycle facilities on the DRAFT: [Richmond Regional Active Transportation Plan Update story map](#)

Also being developed as an implementation tool is [Complete Streets](#) story map

Building a Regional Bicycle & Pedestrian Network

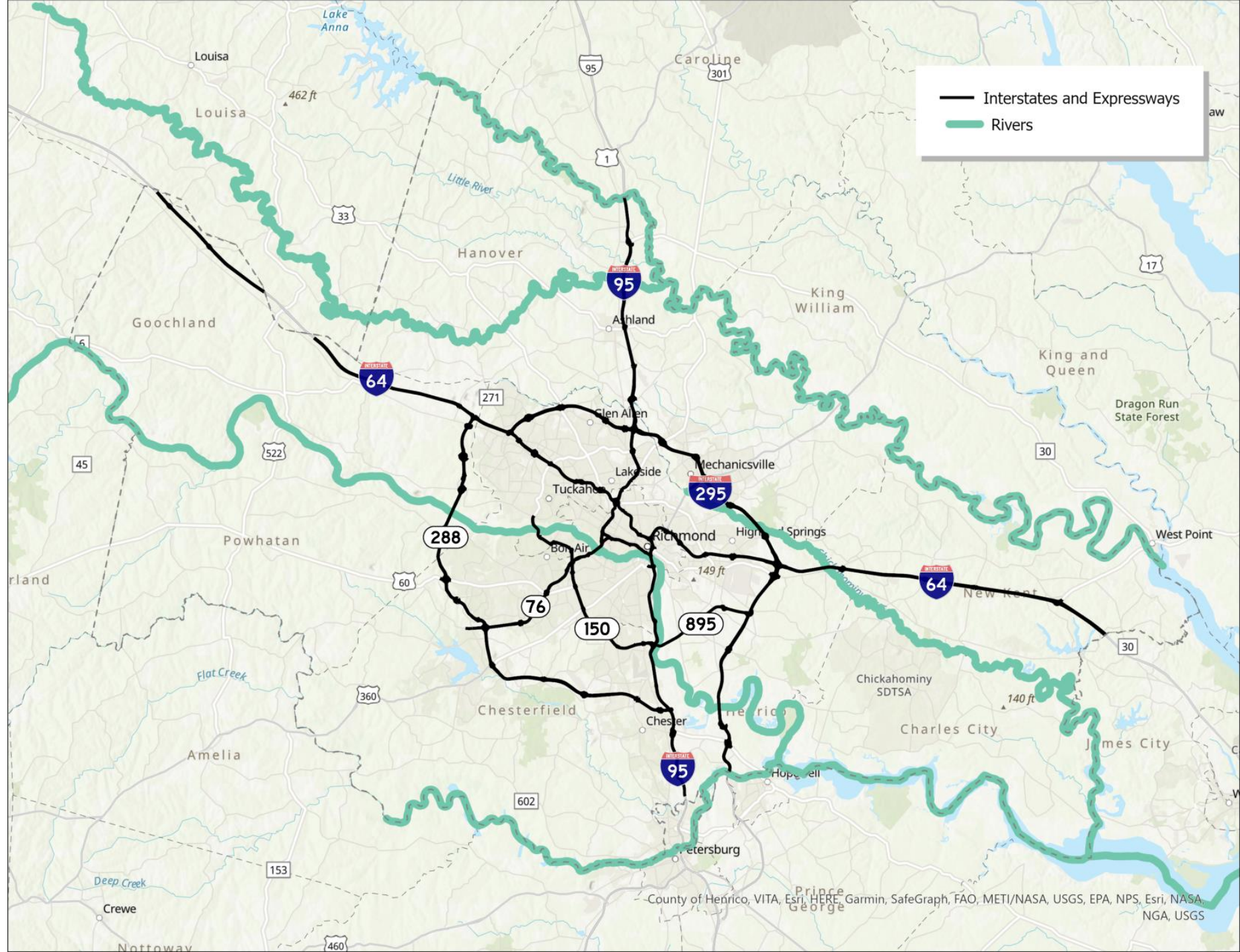


Graphic from
Athens In Motion,
Athens-Clarke County
Unified Government,
Bicycle and Pedestrian
Master Plan Final Report
August 2018

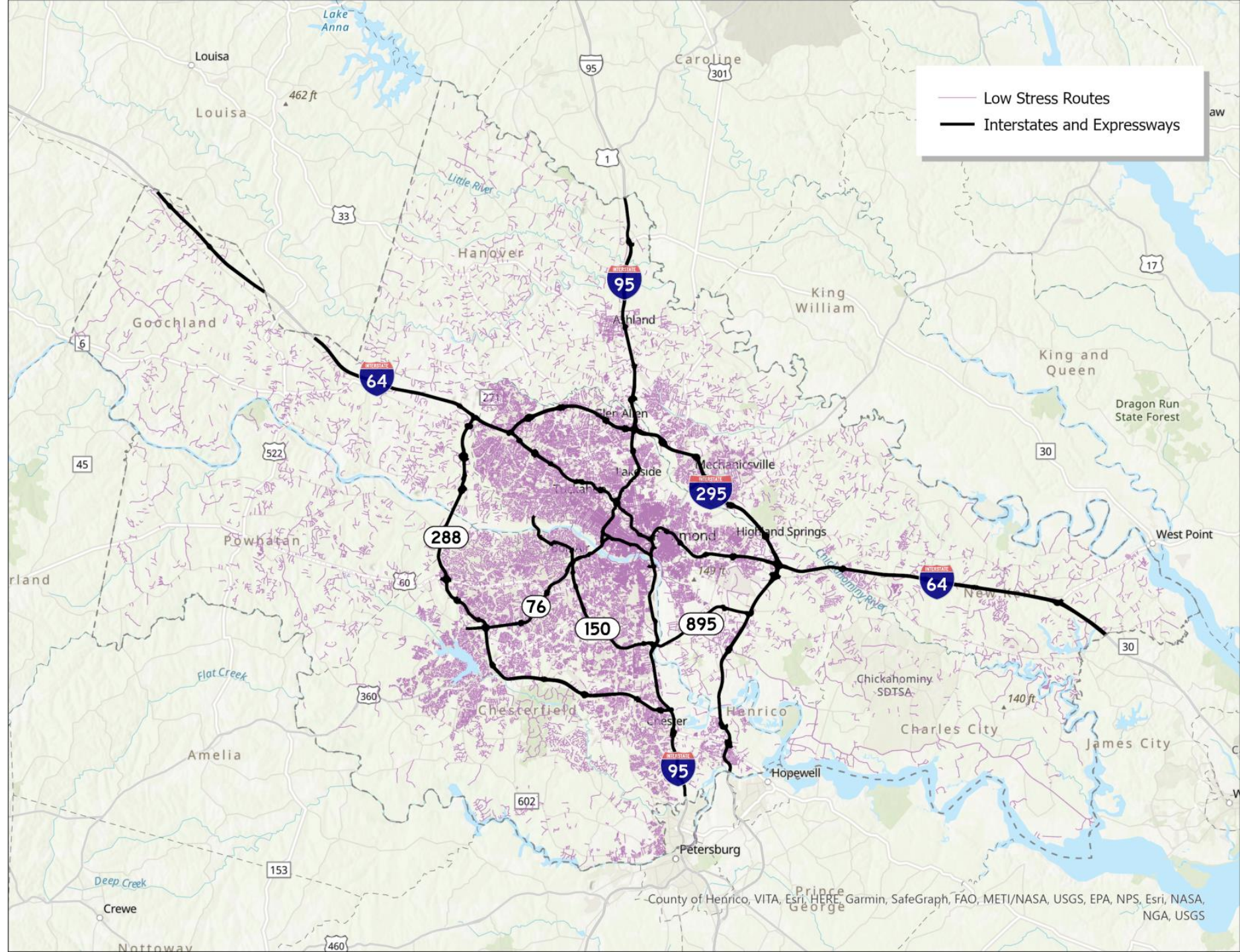
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Ashland | Charles City | Chesterfield | Goochland | Hanover | Henrico | New Kent | Powhatan | Richmond

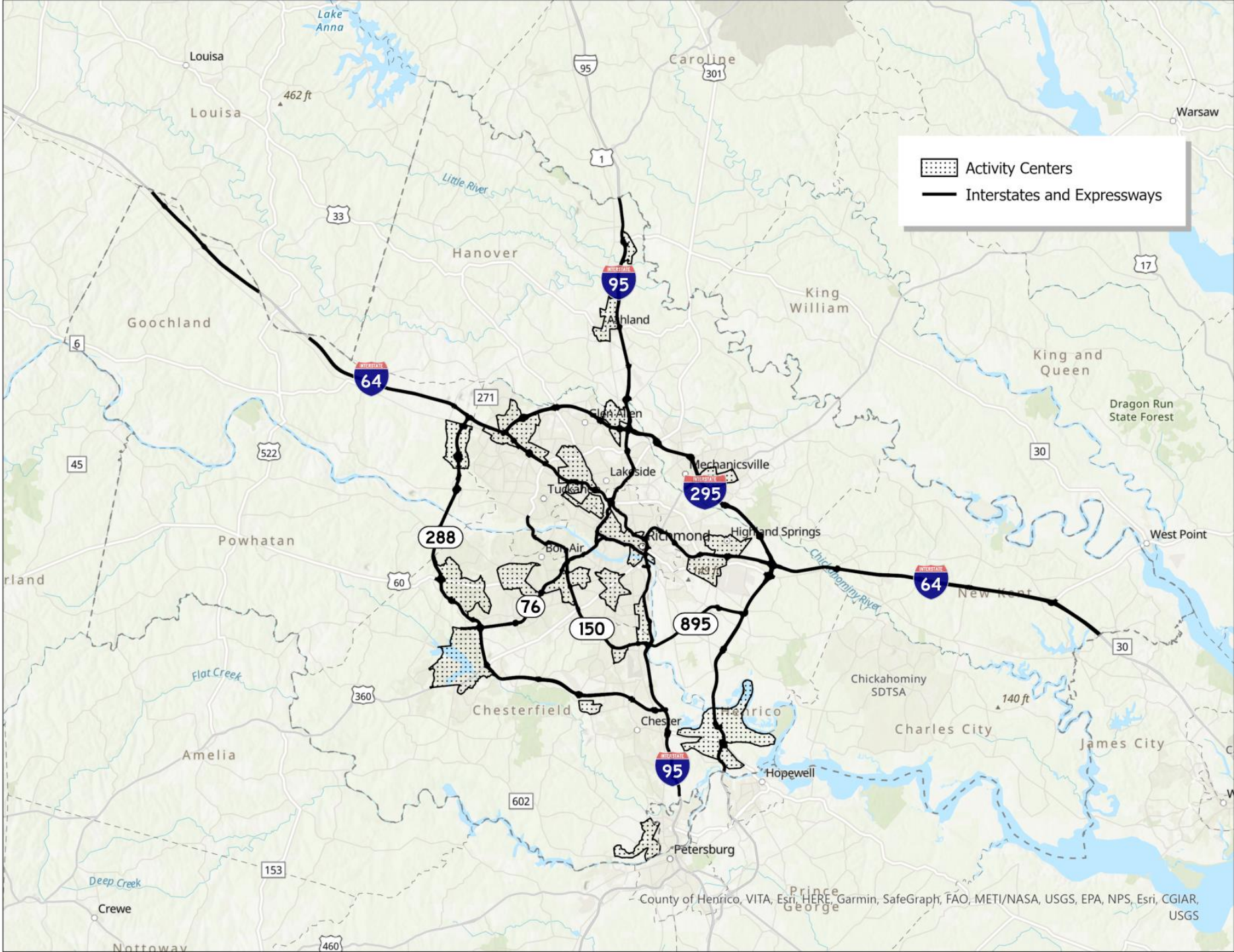
Barriers



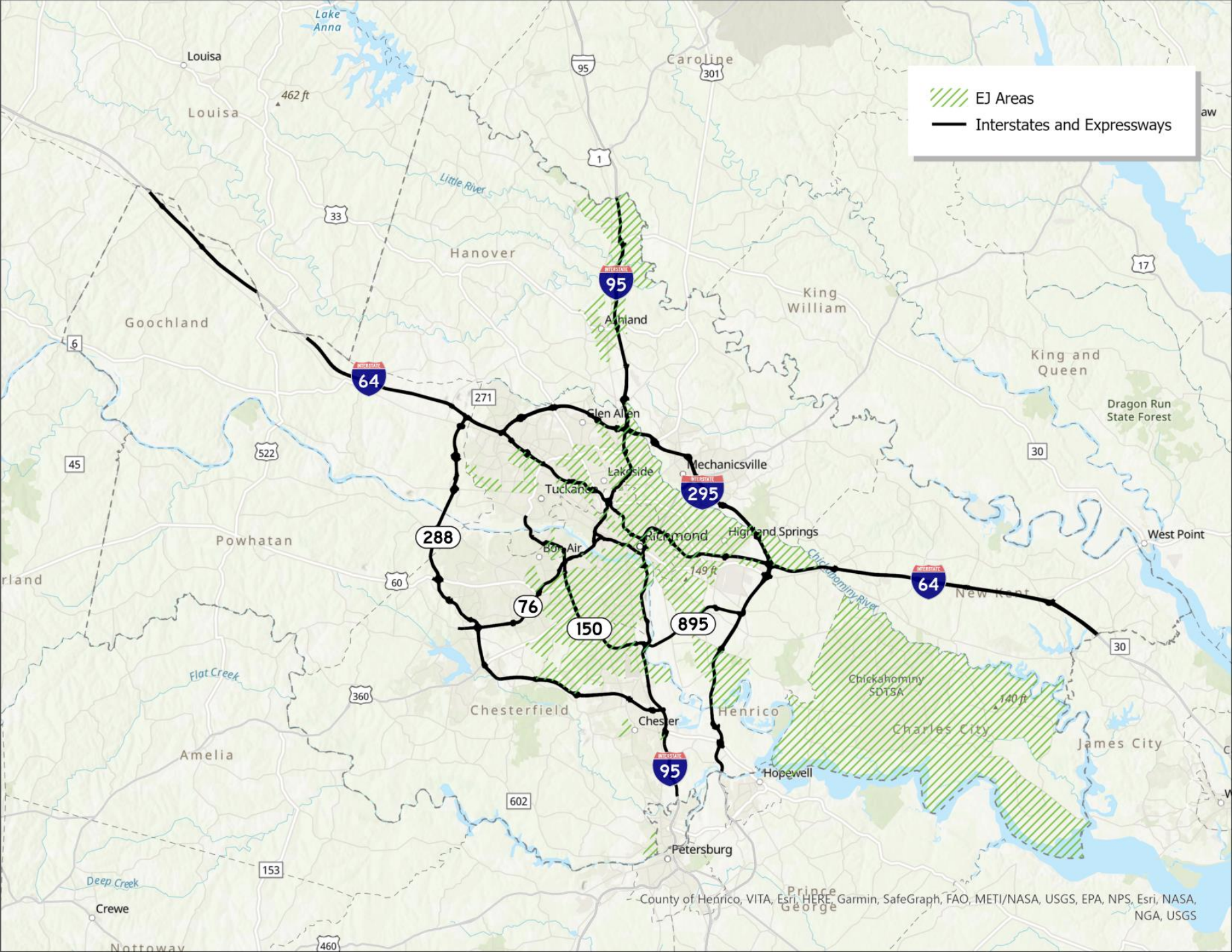
Low Stress Network



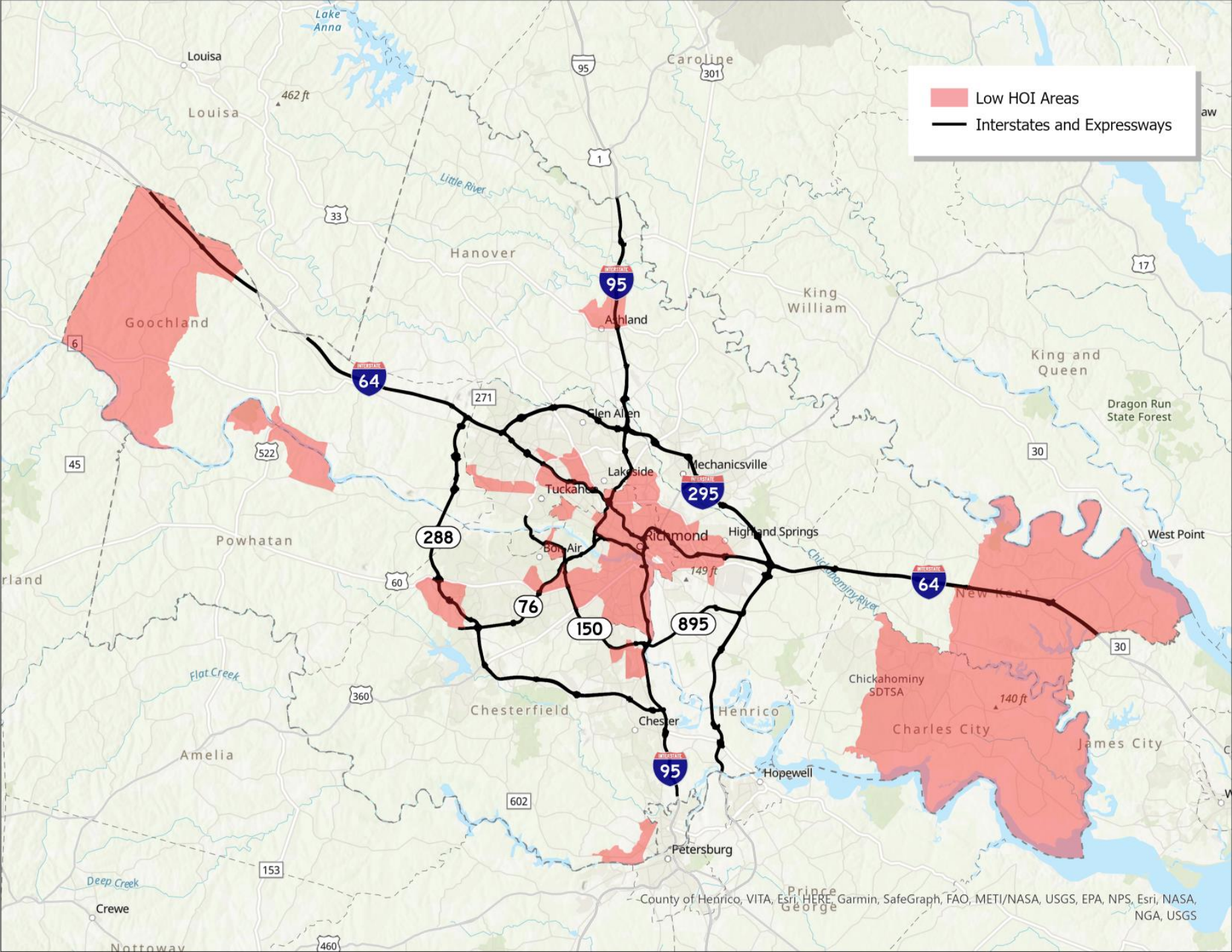
Activity Centers



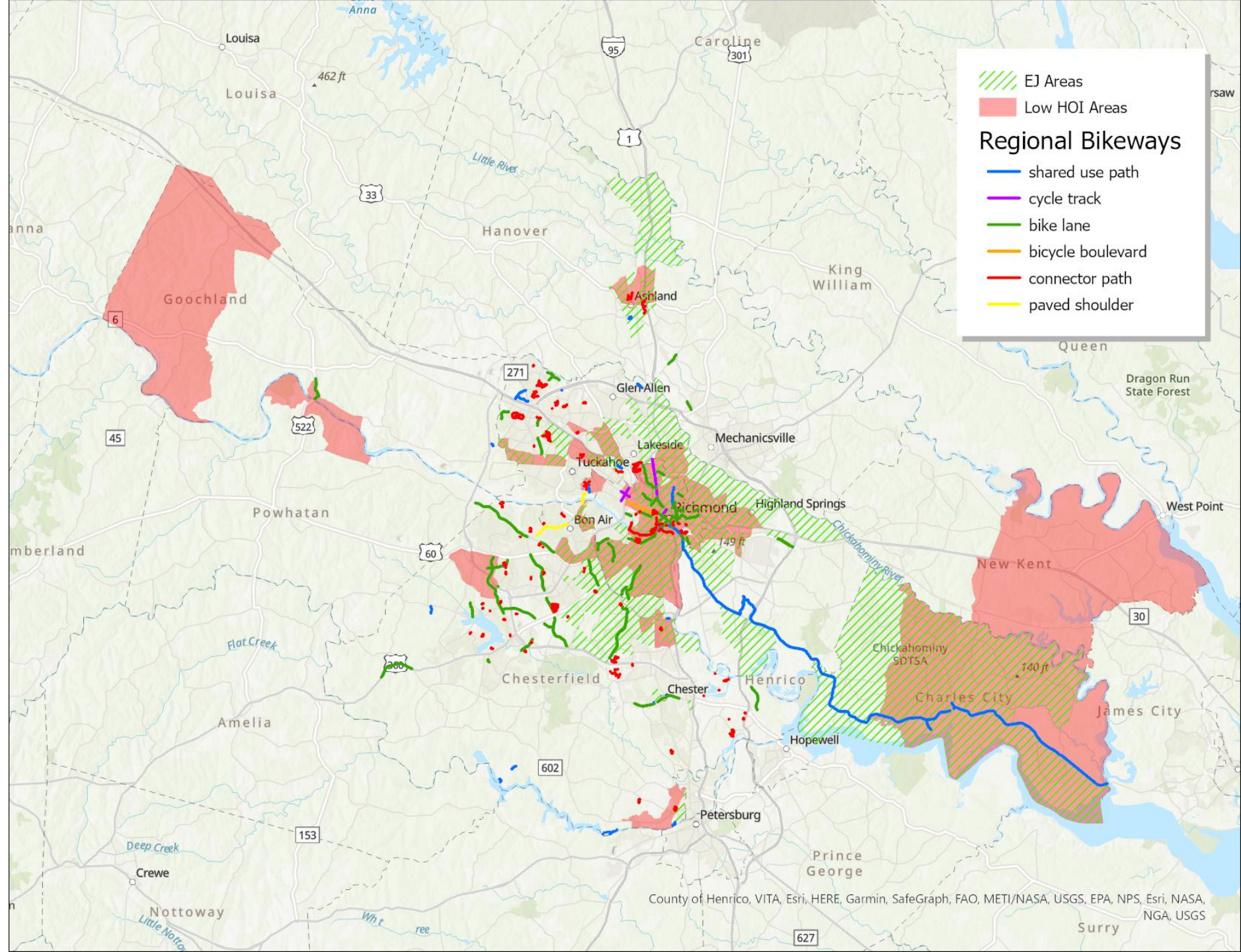
Environmental Justice



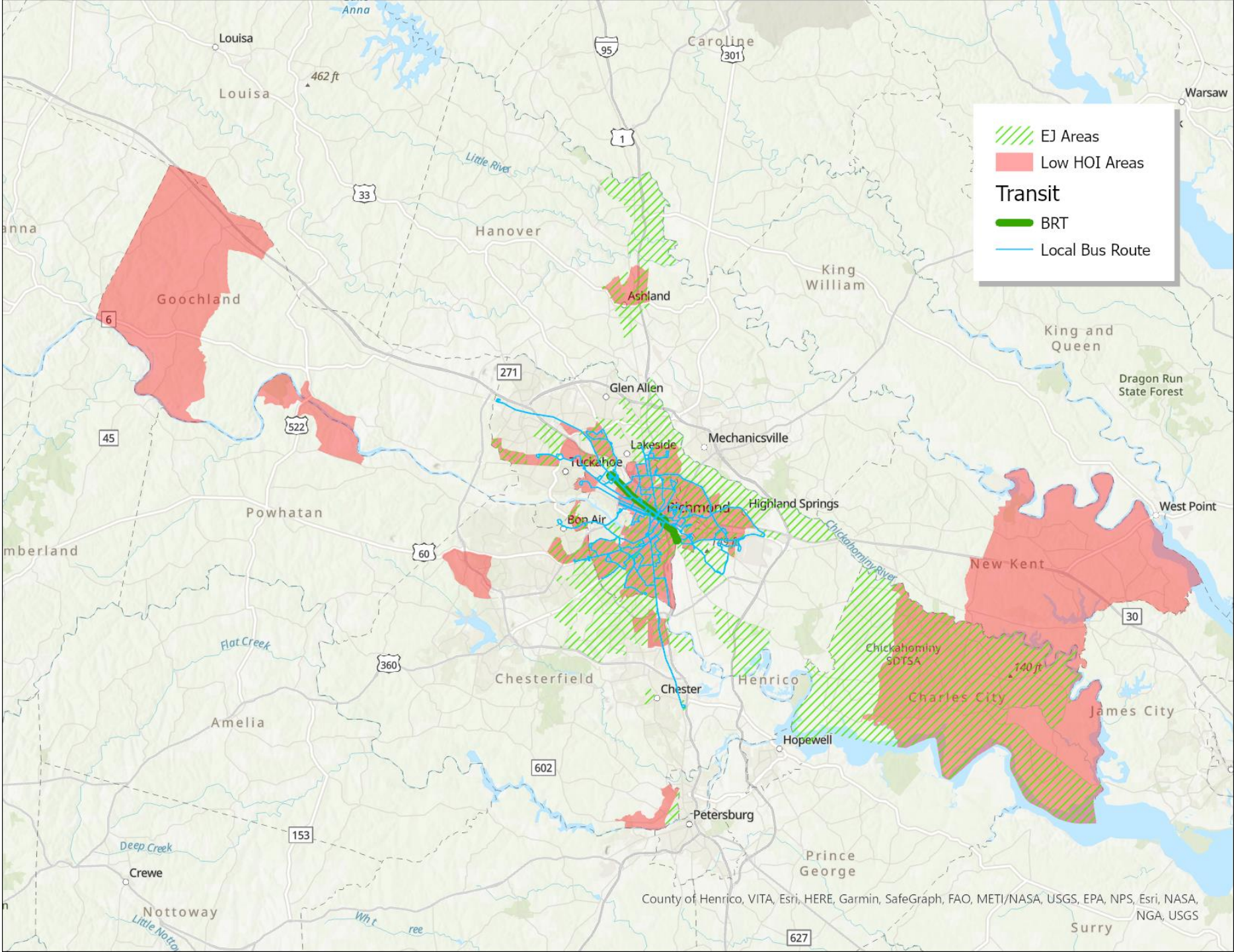
Health Opportunity Index



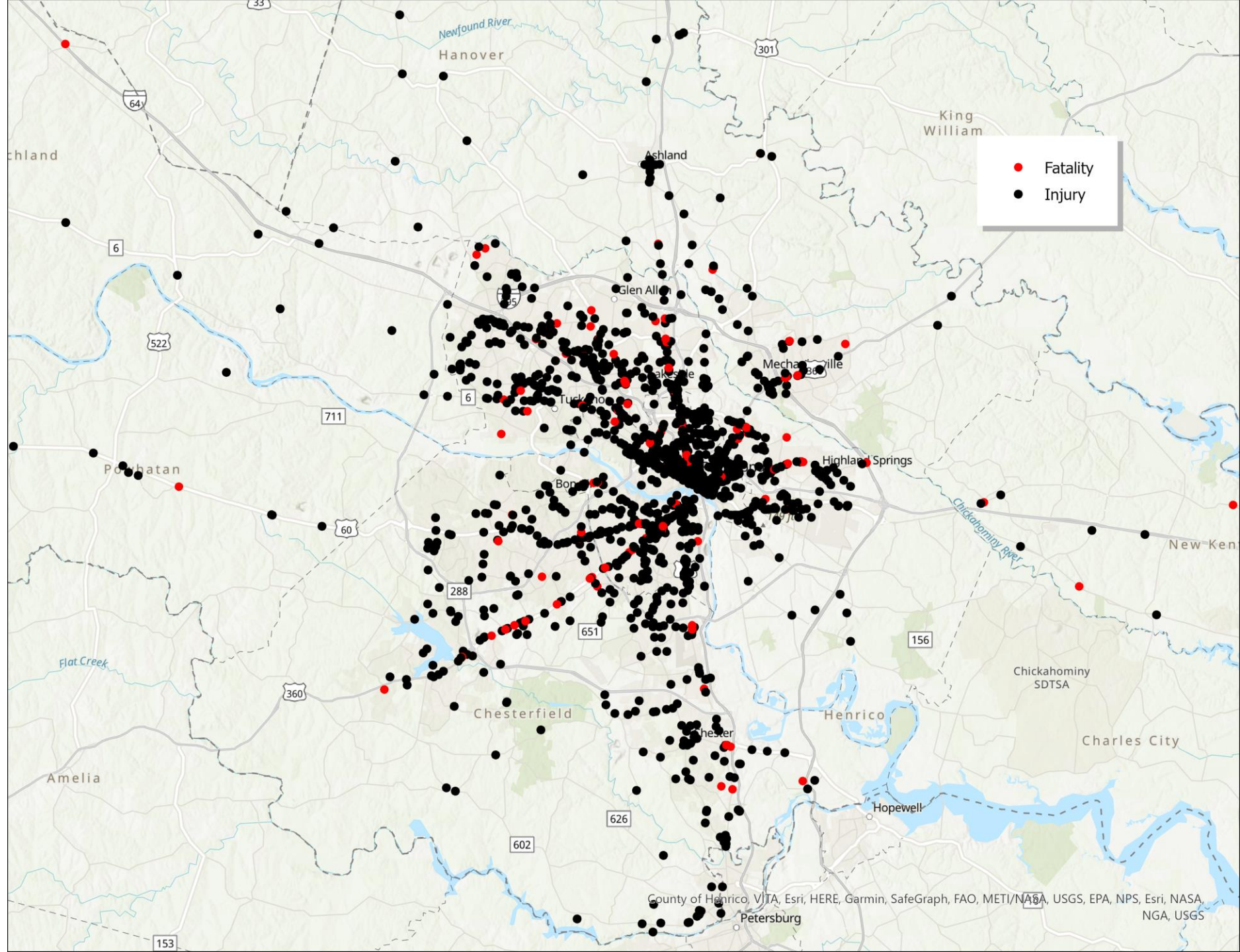
EJ & HOI With Existing Regional Bikeways



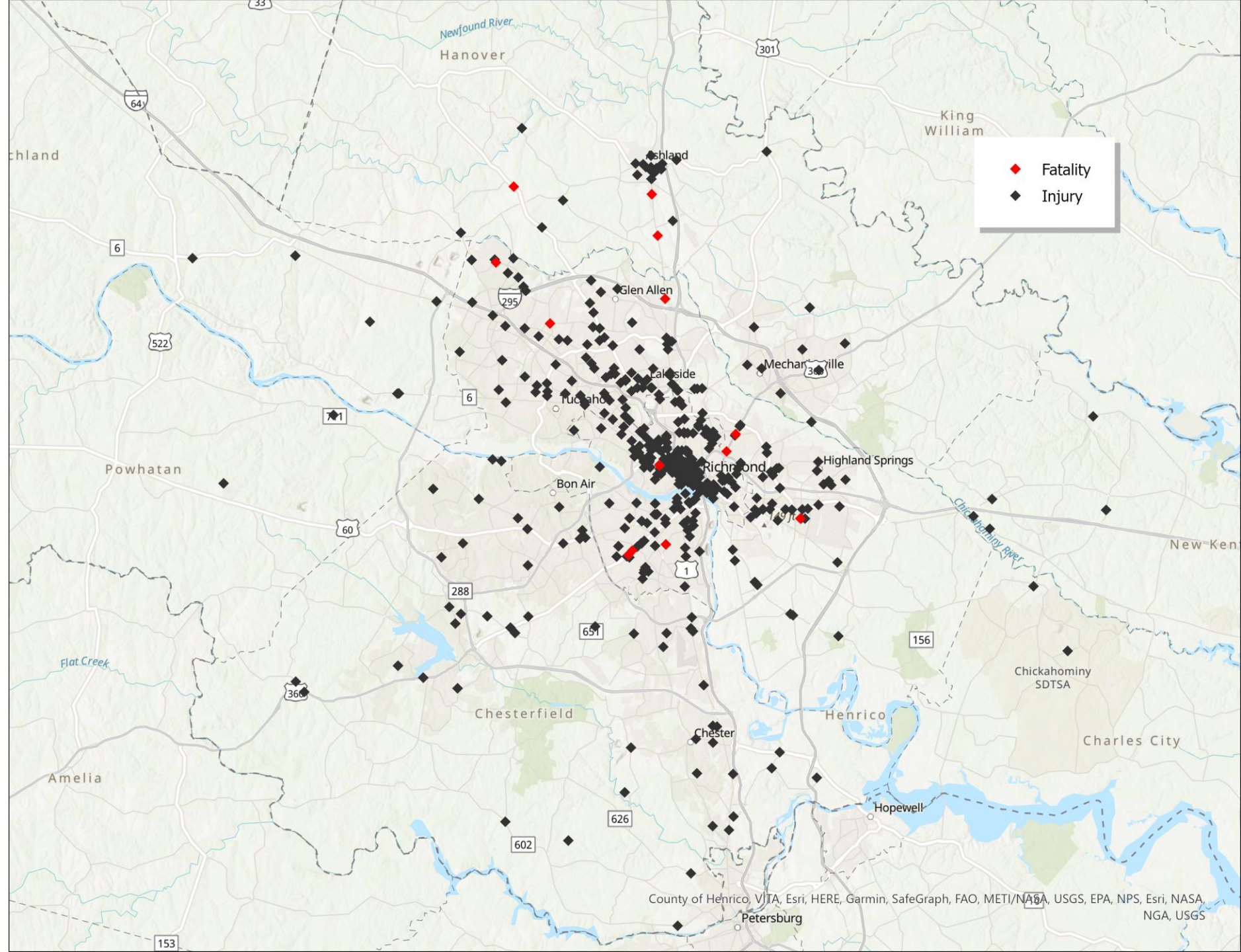
EJ & HOI With Transit



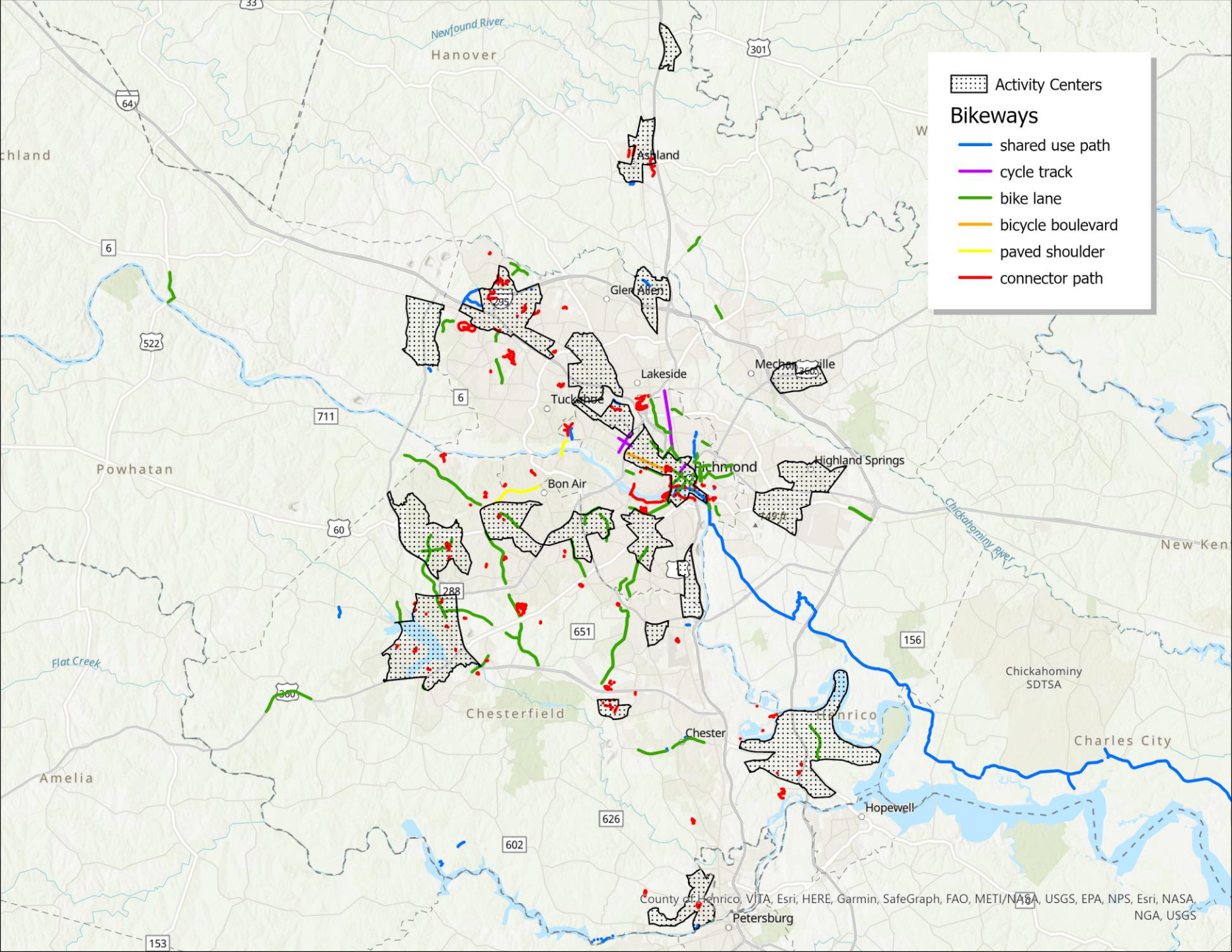
Pedestrian Injuries & Fatalities



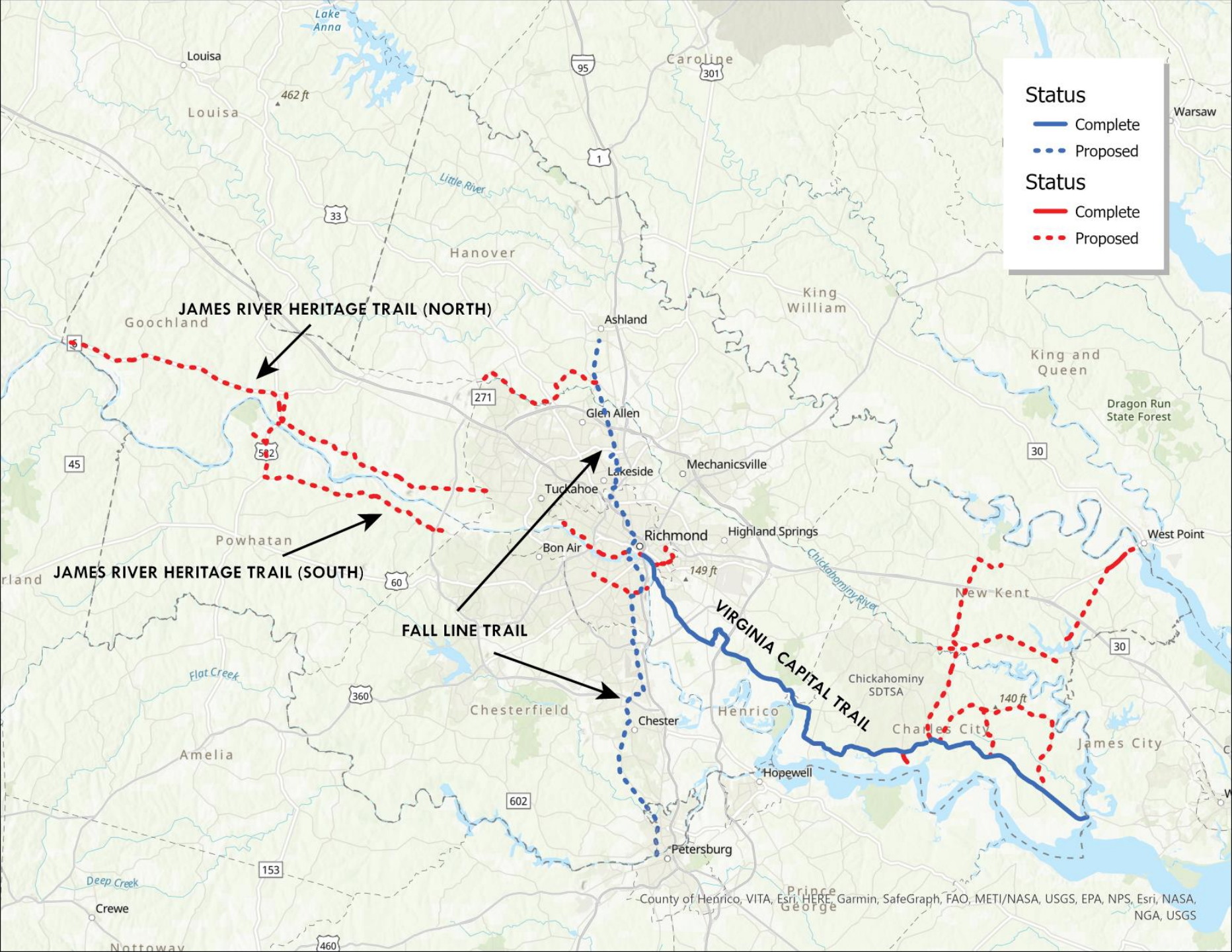
Cyclist Injuries & Fatalities



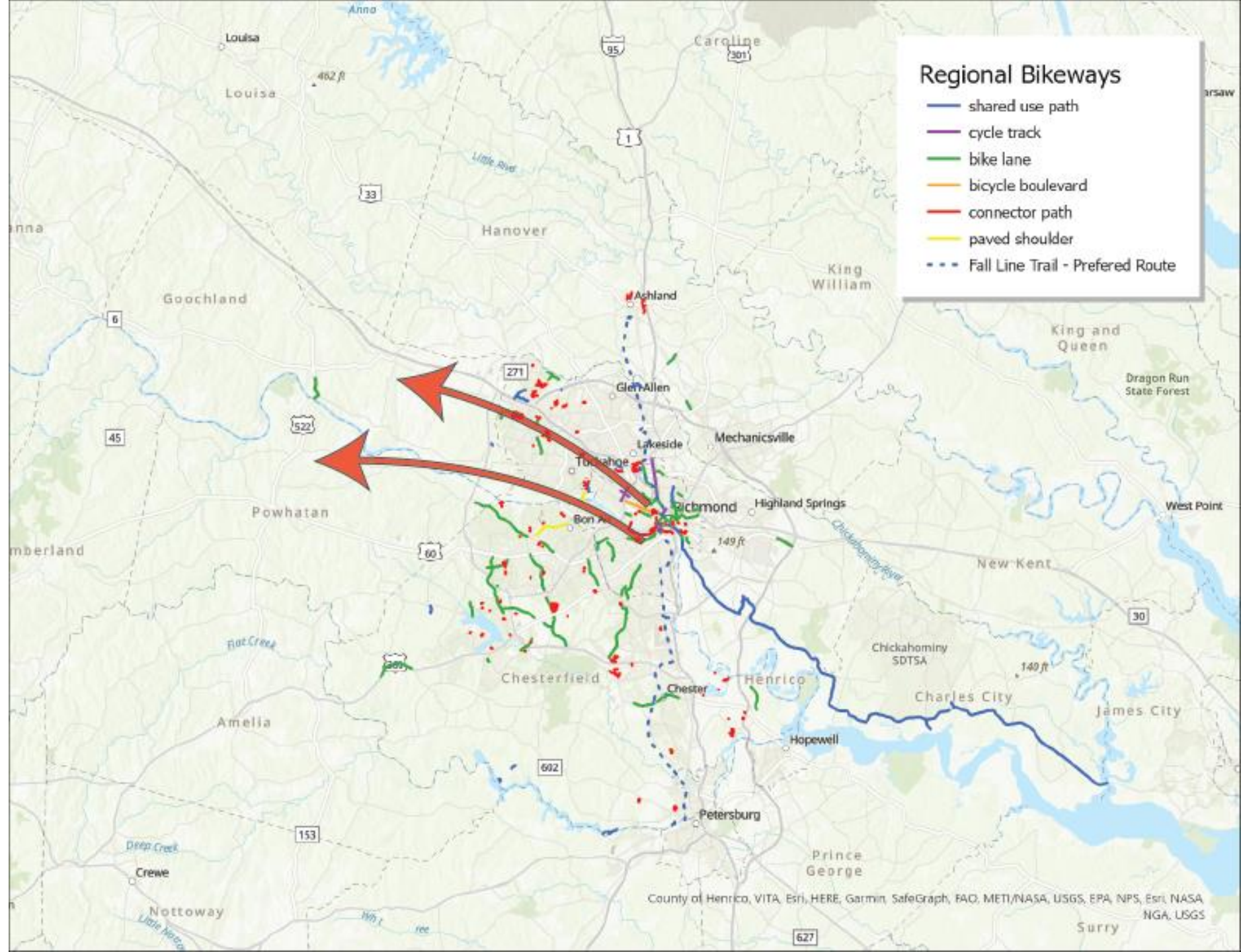
Existing Regional Bikeways



Existing & Proposed Regional Spines & Spurs

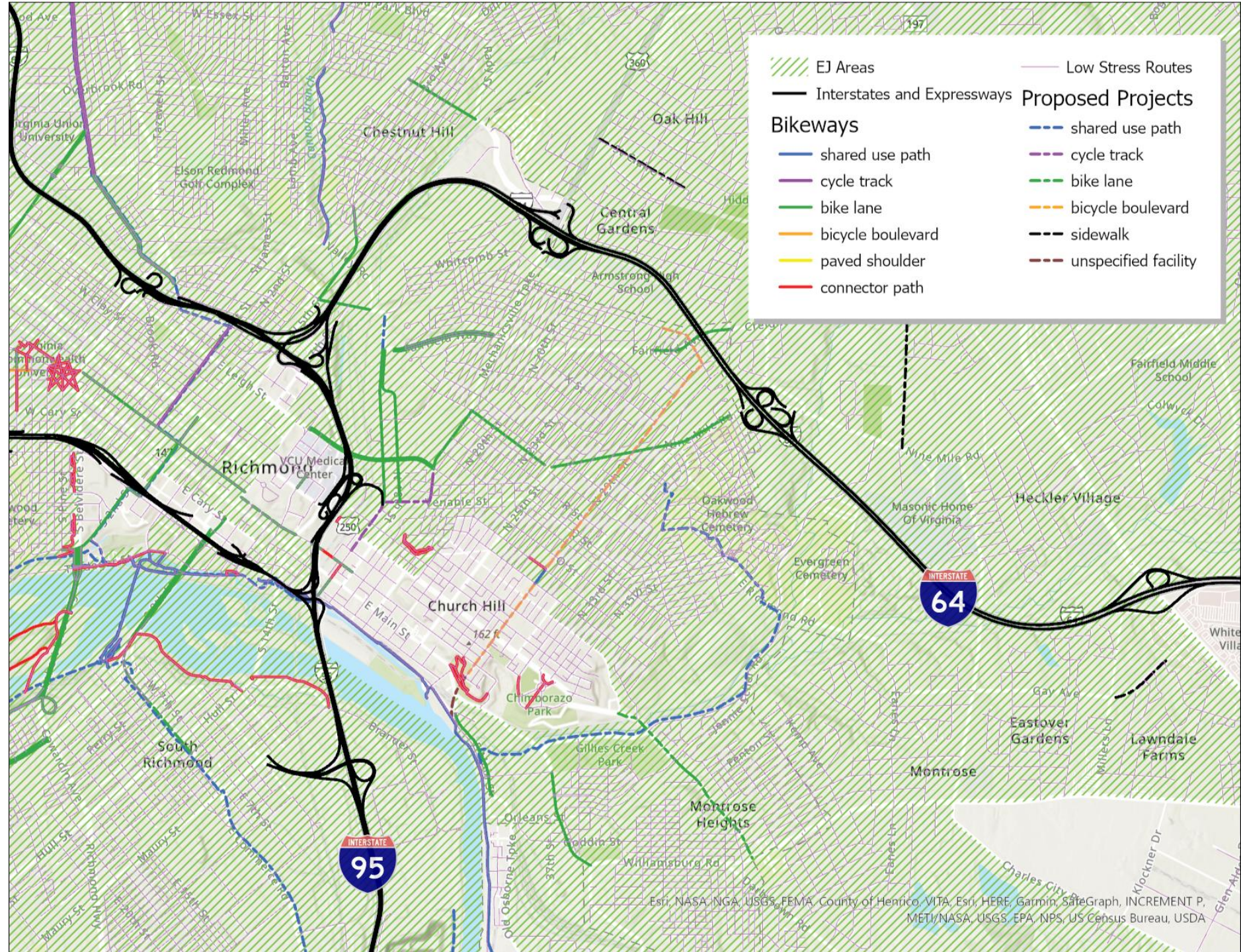


Regional Planning Framework

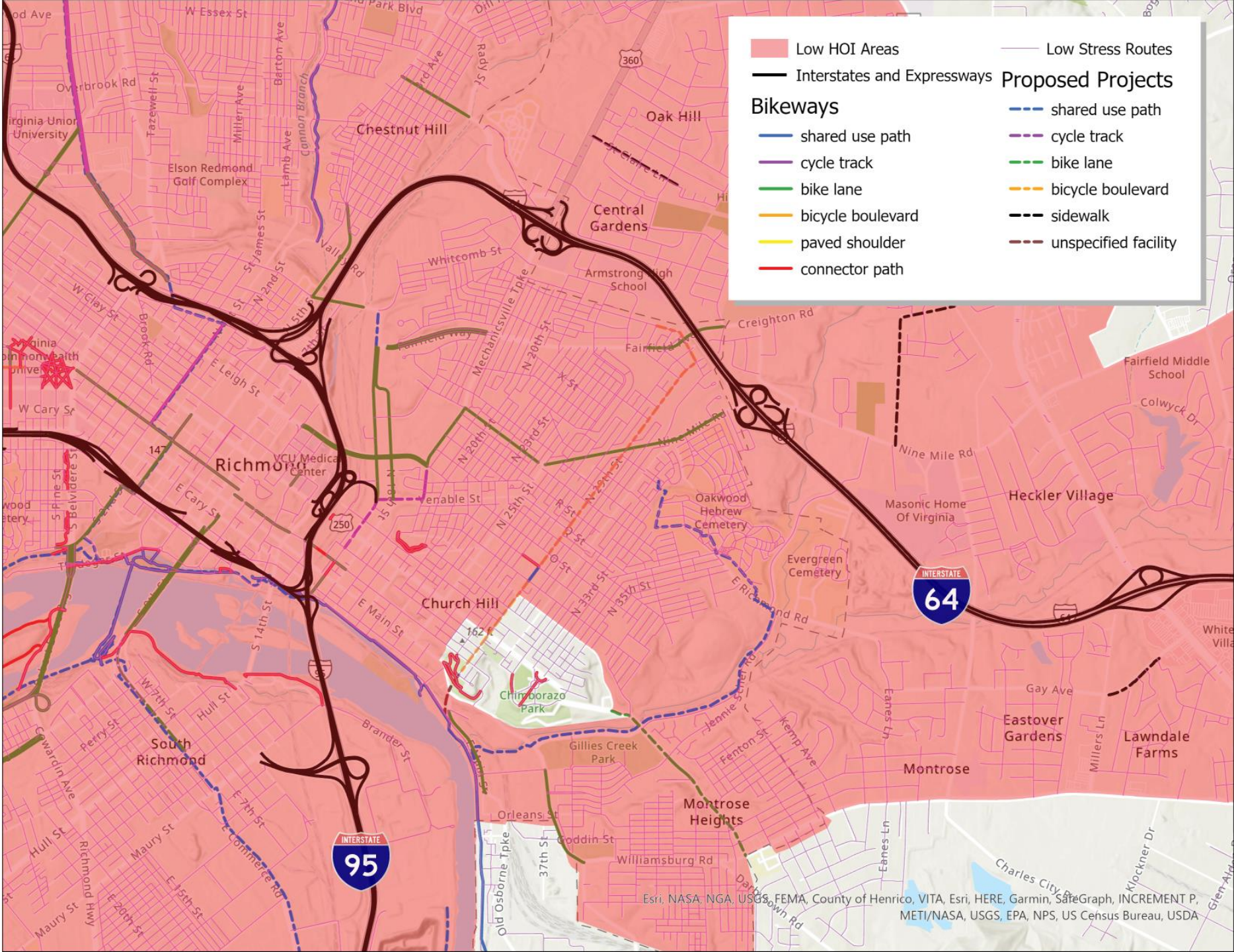


East End

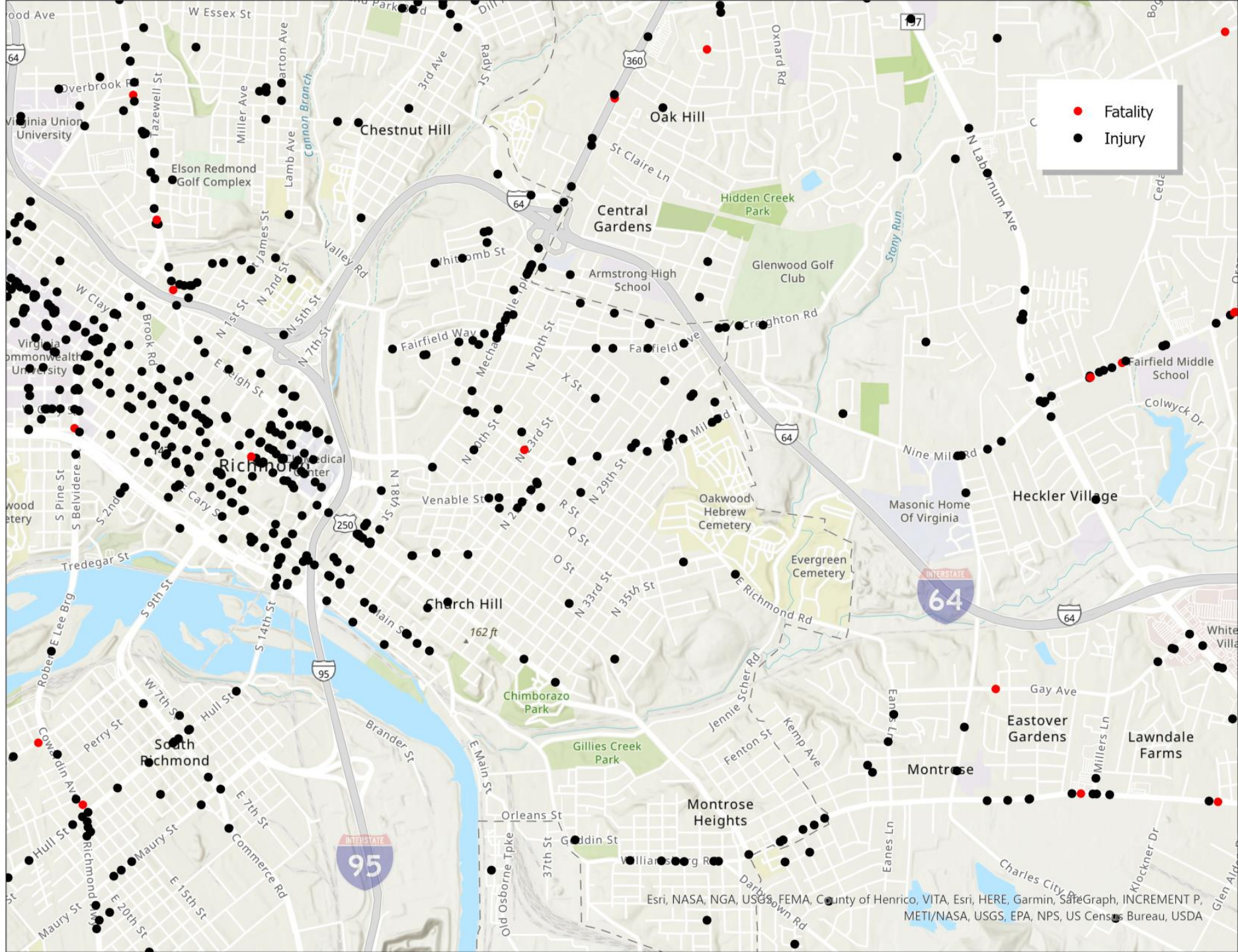
Environmental Justice



Health Opportunity Index (HOI)

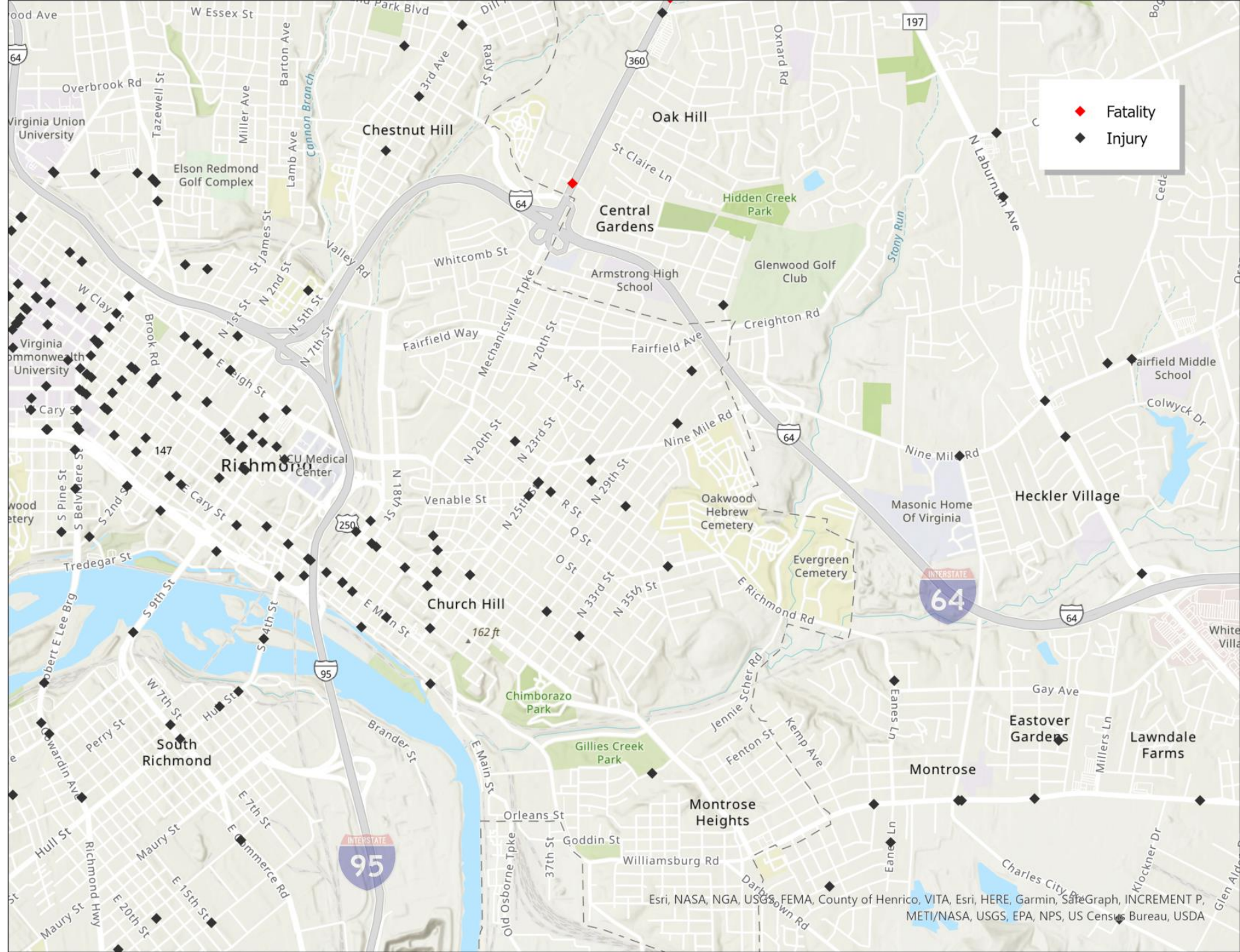


Pedestrian Injuries & Fatalities



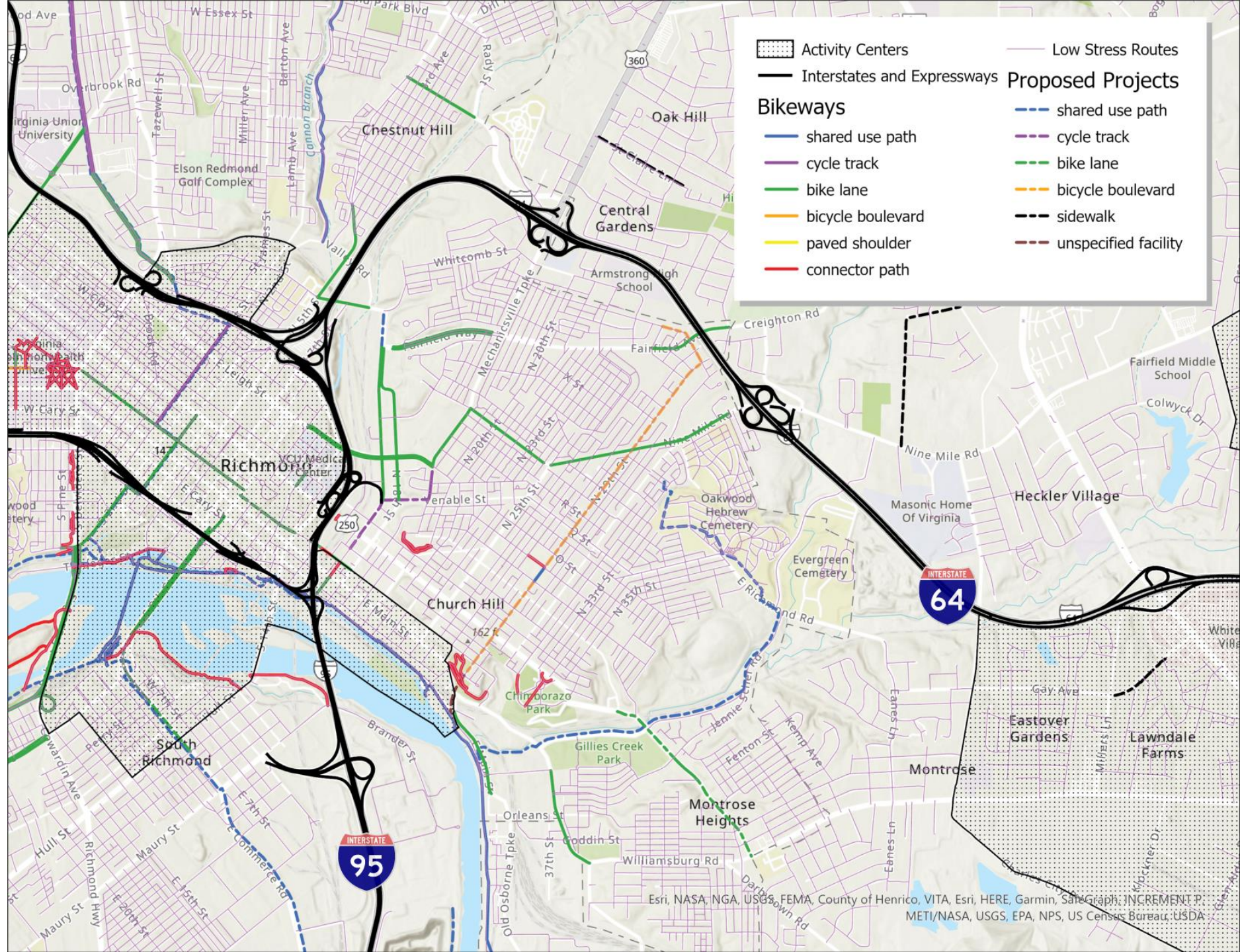
East End

Cyclist Injuries & Fatalities



Activity Areas

Existing & Proposed Projects



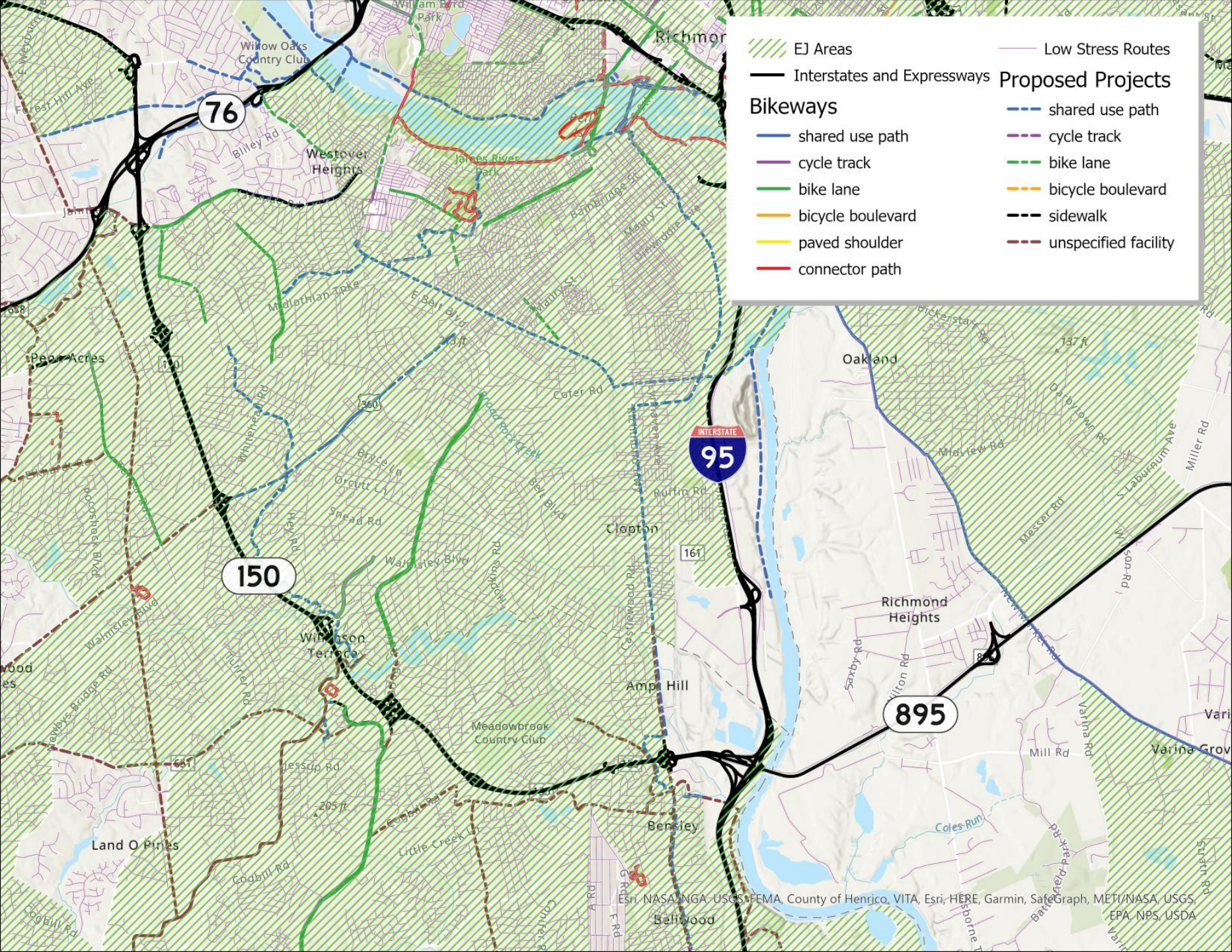
East End

Possible Connections

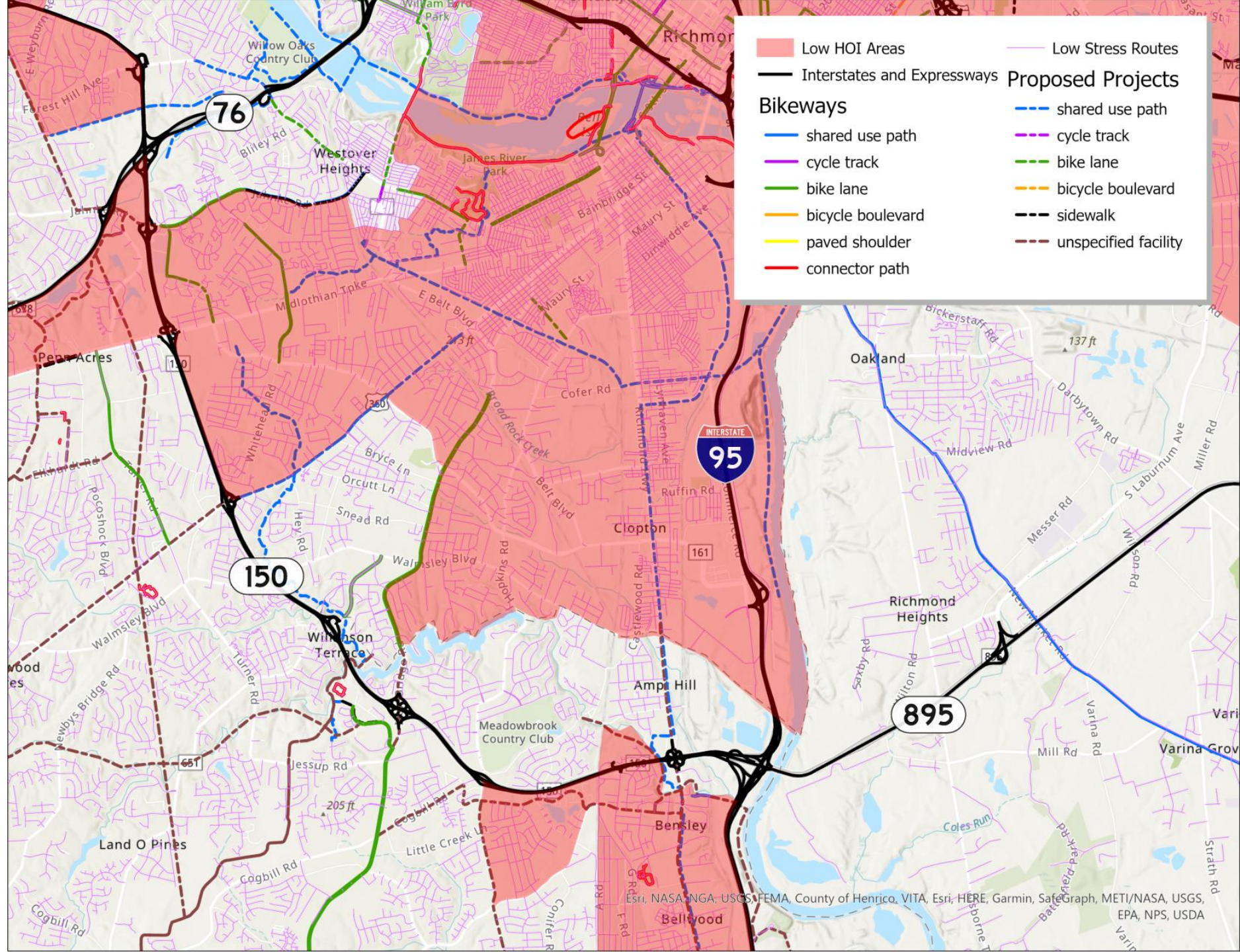


Southside

Environmental Justice

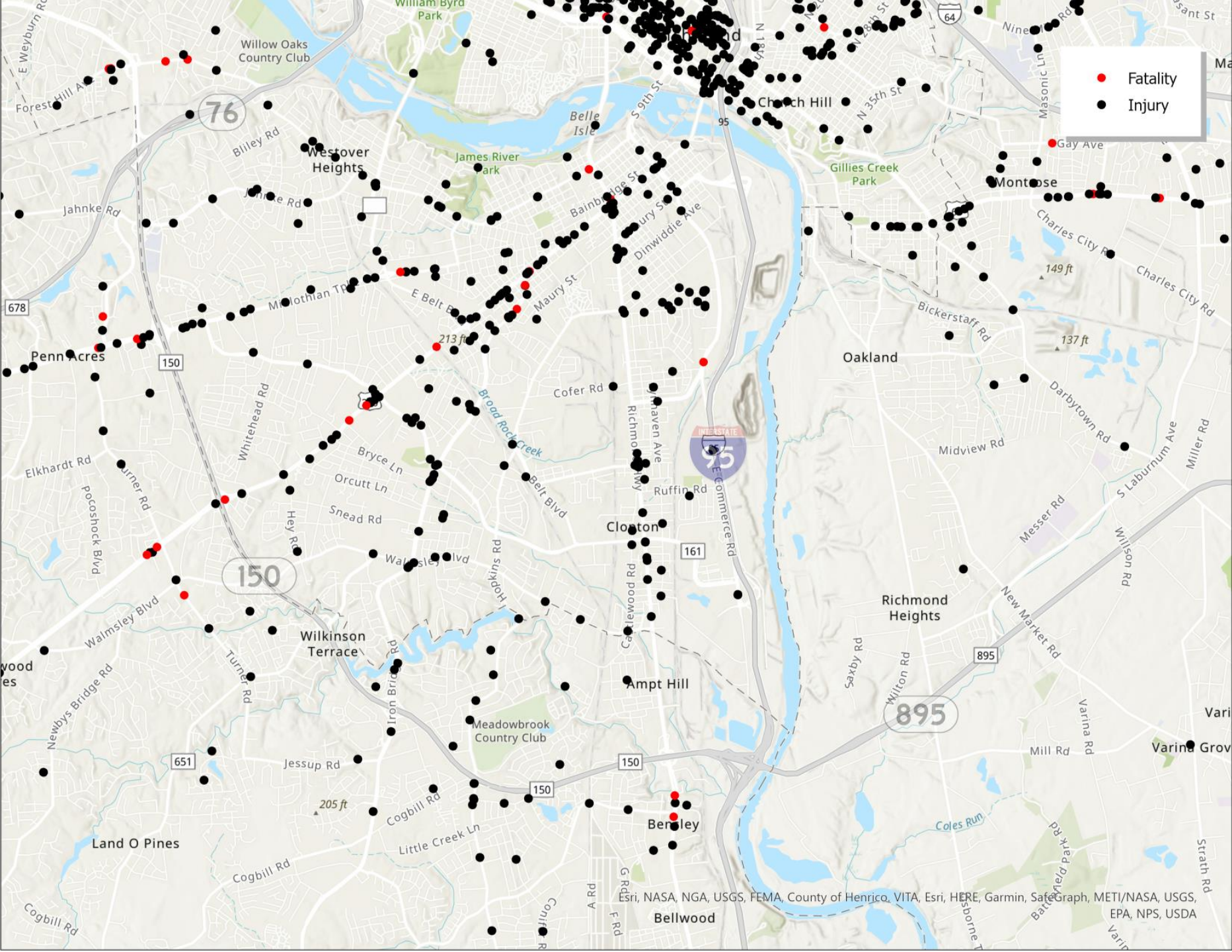


Southside Health Opportunity Index (HOI)



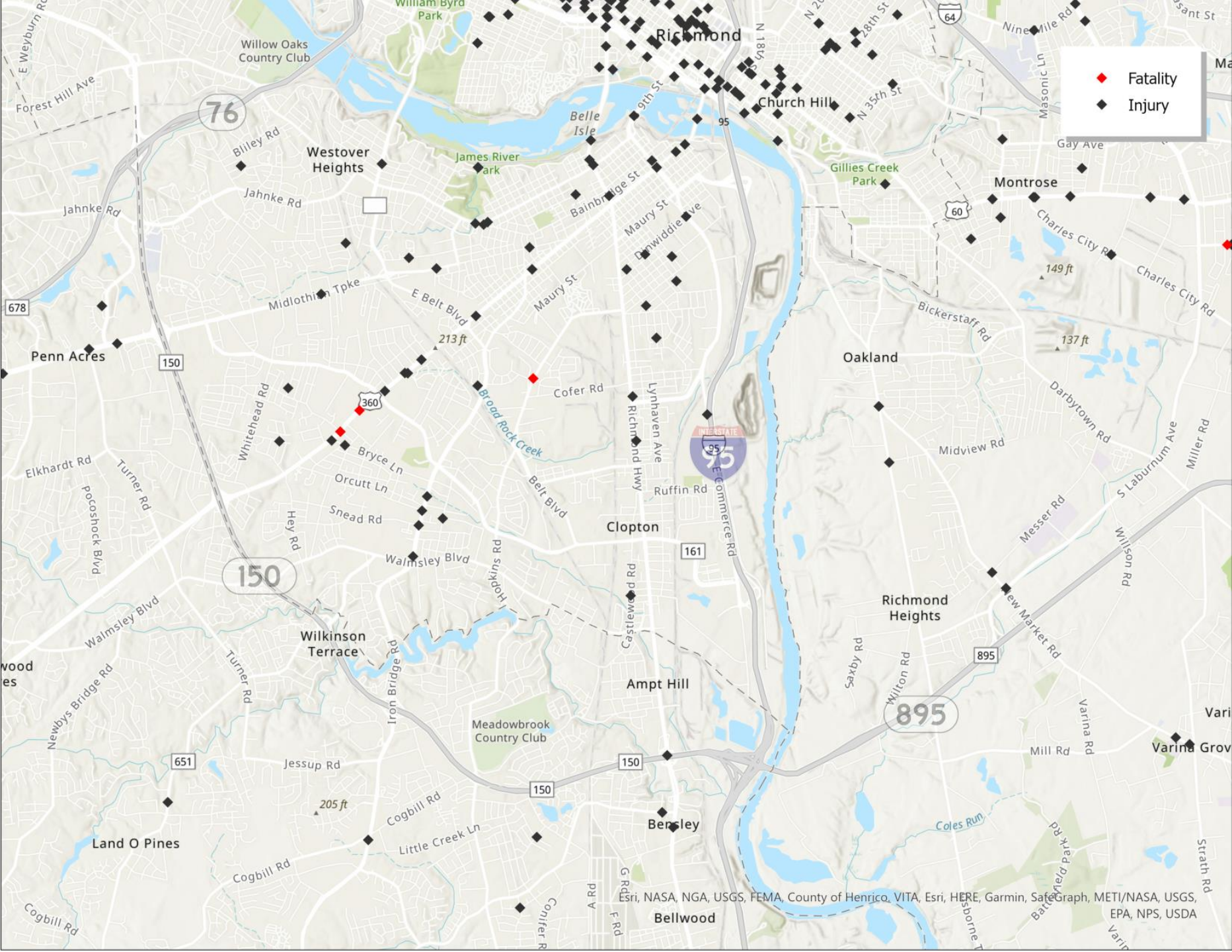
Southside

Pedestrian Injuries & Fatalities



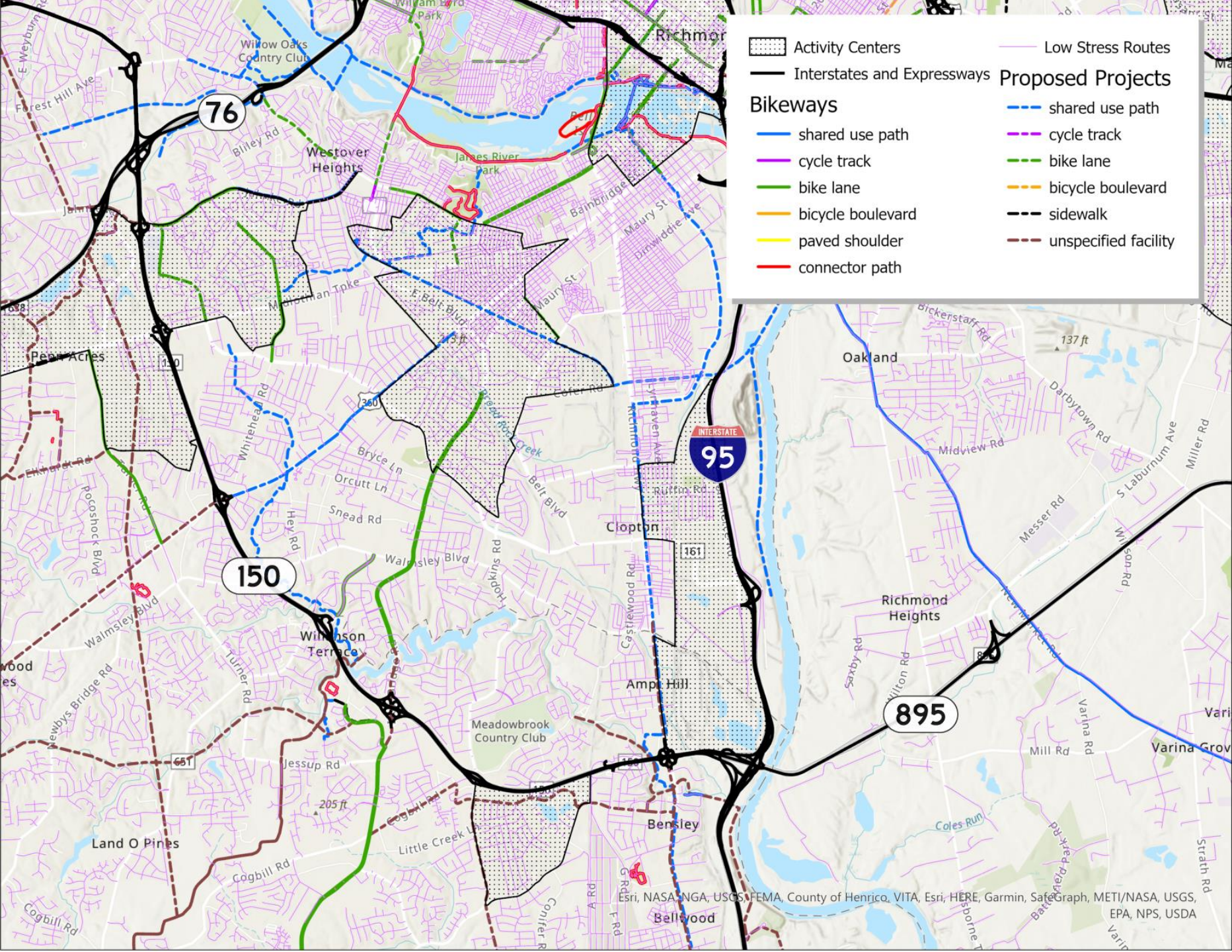
Southside

Cyclist Injuries & Fatalities



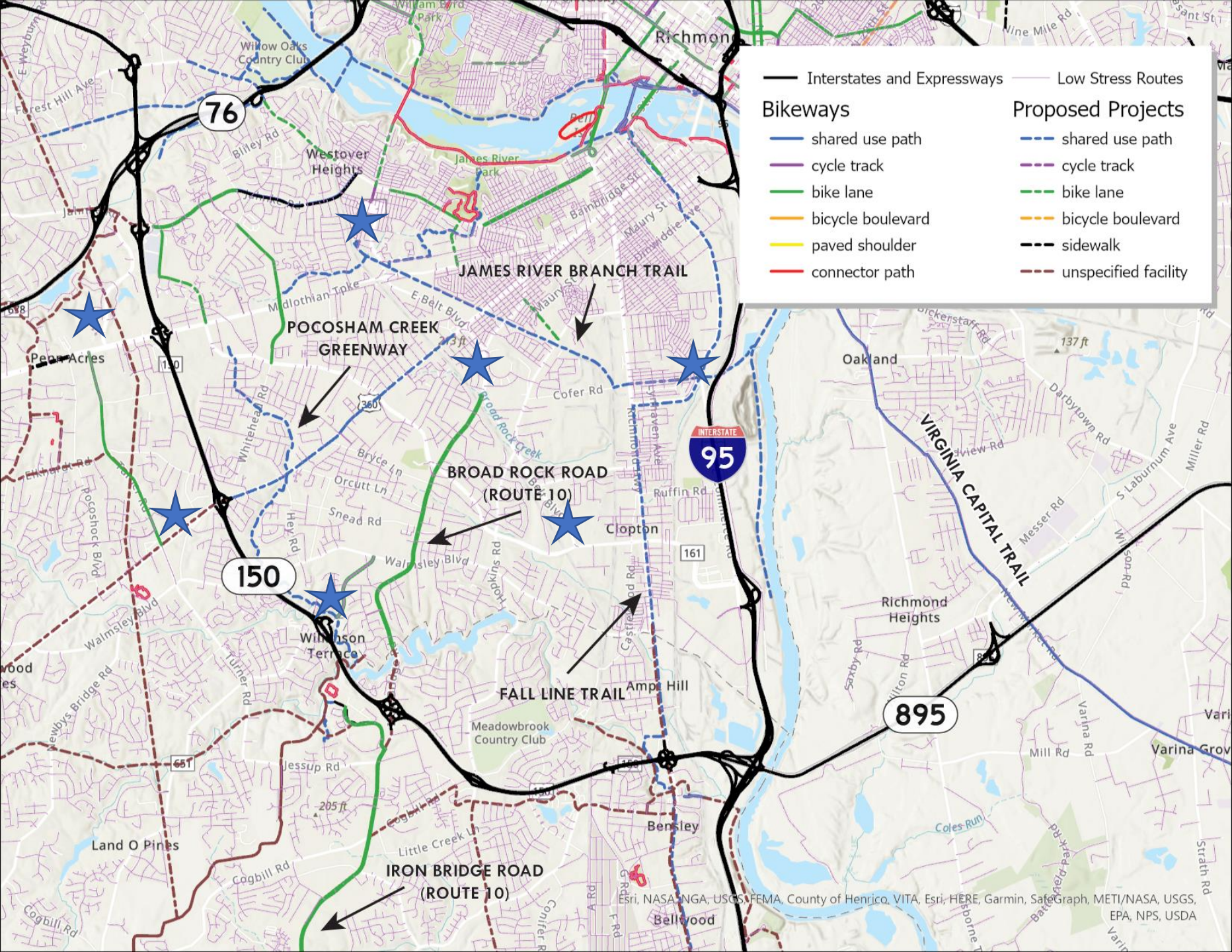
Southside Activity Centers

Existing & Proposed Projects



Southside

Possible Connections



Richmond Regional Bicycle & Pedestrian Plan

Thank you!

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