



ESSP Fall 2018 Update

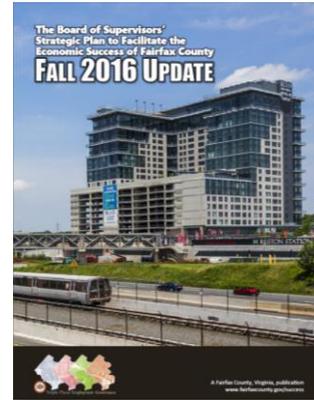
10/09/18



Introduction

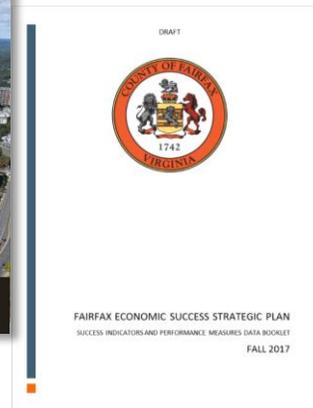
Fall 2016 Update

- Draft Indicators
- Stories & Highlights



Fall 2017 Update

- 2 components
 - Stories & Highlights
 - Actions Tracker
- Indicator and Measures Data Booklet an accompanying document



Fall 2018 Update

- Stories & Highlights
- Actions Tracker



Indicator and Measures currently being updated

Stories & Highlights

- Stories and Highlights including:
 - The Housing Strategic Plan
 - Innovation Initiatives
 - One Fairfax
 - Embark Richmond Highway
 - Original Mount Vernon High School
and more...



Communitywide Housing Strategic Plan

Tom Fleetwood
Director
Department of Housing and Community
Development

Matt Graham
Management Analyst
Fairfax County Redevelopment and
Housing Authority

Communitywide Housing Strategic Plan Phase 1

- Why a Comprehensive Housing Plan?
 - Currently there are more than 31,000 households in the County that are rent burdened
 - We are expecting more than 62,000 new households in the County over the next 15 years
 - BOS Economic Success Plan Goal 5 identifies the availability of affordable housing as important to economic success
- Plan developed over several years in partnership with BOS' Affordable Housing Advisory Committee



Communitywide Housing Strategic Plan Phase 1

- Phase I was adopted by BOS in June 2018 and contains:
 - 25 near-term strategies that can be implemented without major policy changes or significant sources of new resources
- Organized around 4 categories:
 - Modernizing FCRHA/HCD Administration and Processes
 - Land Use and Zoning Tools
 - Funding Sources and Uses
 - Housing for Vulnerable Populations



Phase 1 Strategies

- Modernizing FCRHA / HCD Processes:
 - Maximizing the Potential of FCRHA-Owned Properties
 - Such as One University
 - Incorporating One Fairfax policy into FCRHA policymaking
- Land Use and Zoning Tools:
 - Updating the ADU and WDU Programs
 - Streamlining the process for Public-Private Partnerships that make use of publicly-owned land

Phase 1 Strategies

- Funding Sources and Uses:
 - Providing down payment and closing cost assistance
 - Reviewing options for restructuring County's Housing Trust Fund
- Housing for Vulnerable Populations:
 - Support aging in place
 - Improve efficiency of County's existing homeless and housing support networks

Phase 1 Strategy Implementation

- The Phase 1 strategies are expected to be fully implemented within roughly two years
- Progress on many of the strategies is underway
 - HCD has made financing available during construction of new Housing Blueprint projects
 - HCD is working with the Embark Housing Advisory Group to develop recommendations for affordable housing development and preservation along the Route 1 corridor, and these lessons learned will be incorporated into a countywide preservation strategy

Phase 2 Panel Recommendations

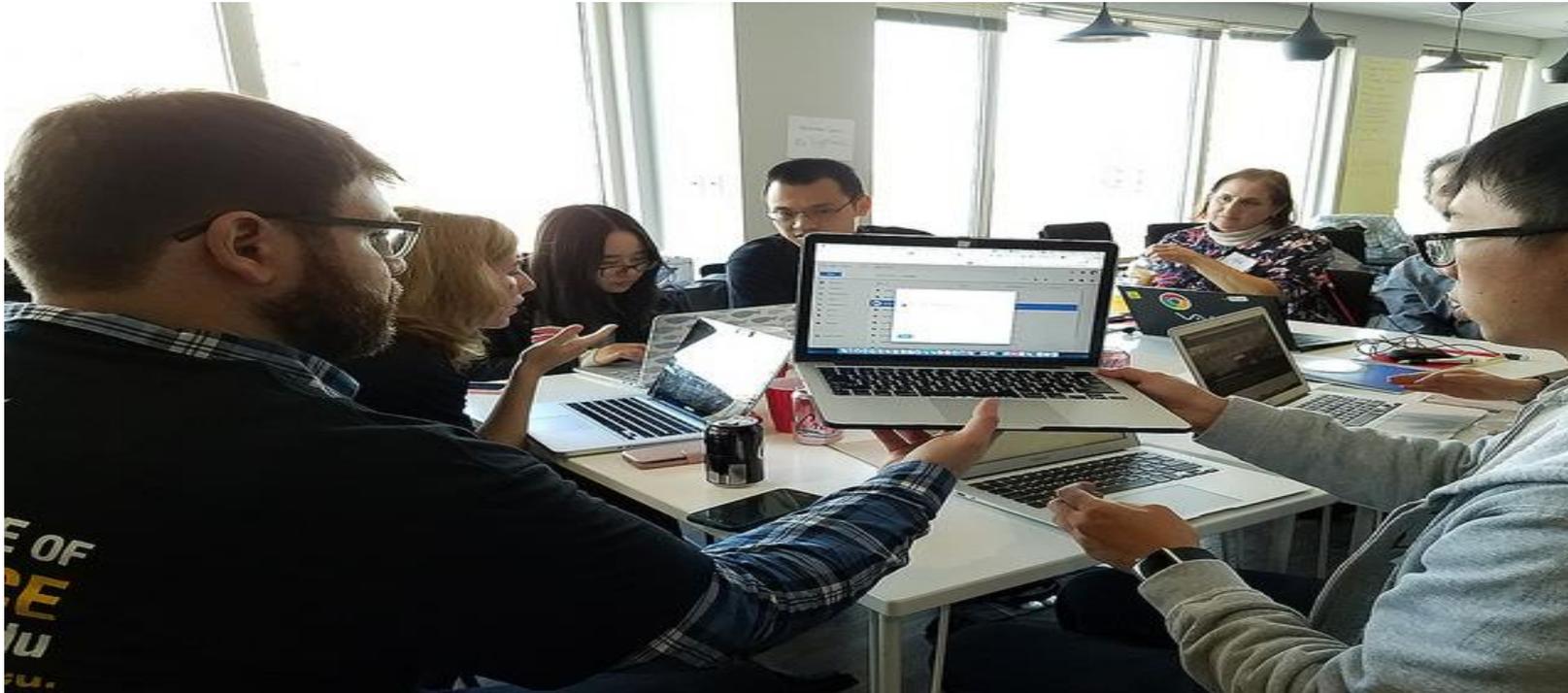
- BOS directed the creation of a panel of experts to provide recommendations to the BOS on:
 - The number of housing units to be developed or preserved over the next 15 years that are affordable to households earning 60 percent of AMI and below; and
 - The resources necessary for investment, or the innovative options necessary to accomplish that goal
- The panel will deliver its recommendations to the BOS in time for inclusion in the FY 2020 budget guidance, with any necessary funding in future years



Innovation Initiatives

Eta Nahapetian
Economic Initiatives Coordinator
Office of the County Executive

Promote and Partner in the creation of an Innovation Hub



#HACKFAIRFAX Fairfax County's Economic Success Strategic Plan team held a Transportation and Mobility Hackathon in partnership with the Virginia Department of Transportation to code tech solutions for traffic congestion, safety, and mobility. Brought together software and app developers, data scientists, students, and transportation experts at Refraction. More than 100 people participated in the intense, two-day sprint.

Promote and Partner in the creation of an Innovation Hub

Tandem Academy

- Provided the seed capital to launch a new regional program to help technology companies in the D.C. region grow. The Tandem Product Academy program will assist tech entrepreneurs in the greater Washington region to scale their product-based businesses.



**Smart
City Works**
Infrastructure Actuator

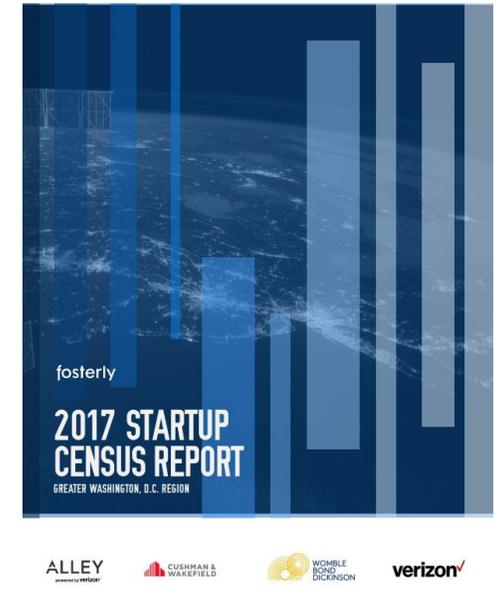
Smart City Works and Refraction

- Support Refraction and Smart City Works i6 federal grant application to nurture regional innovation.

REFRACTION

Promote and Partner in the creation of an Innovation Hub

- Cosponsored the second annual survey of the innovation community, conducted by Fosterly.
- Continued to forge close working relationships with the university research and innovation communities. Ongoing partnerships in the areas of Health and Human Services and Transportation have helped to cement these relationships.



Workforce Pipeline

- **TECH TALENT PIPELINE** - Fairfax County championed Northern Virginia's GO Virginia application to create a tech talent pipeline and successfully secured \$487,500 in grant funds from the state. The Economic Success Team brought together economic development leaders from eight Northern Virginia jurisdictions, Northern Virginia Community College, George Mason University, Fairfax County Public Schools, the Northern Virginia Technology Council & regional workforce councils.
- **APPRENTICESHIPS** - In August, an additional \$1,000,000 in funding was awarded by GO Virginia for a new apprenticeship initiative. This is an industry-driven effort, in partnership with NVTC, to will develop and implement a new apprenticeship program, matching 400 apprentices to employers as an alternative career pathway to traditional two- or four-year degrees.
- **STEM VIEWER TOOL** - A cross functional team created an award-winning GIS web application which displays where science, technology, engineering, and math programs can be found throughout the county. The tool is important in ensuring an equitable distribution of programs, as well as delivering them in communities that are underserved.
- **SCHOOL READINESS STRATEGIC PLAN** - lays out the vision and strategies, responsive to the needs of families, to achieve positive outcomes for each child.

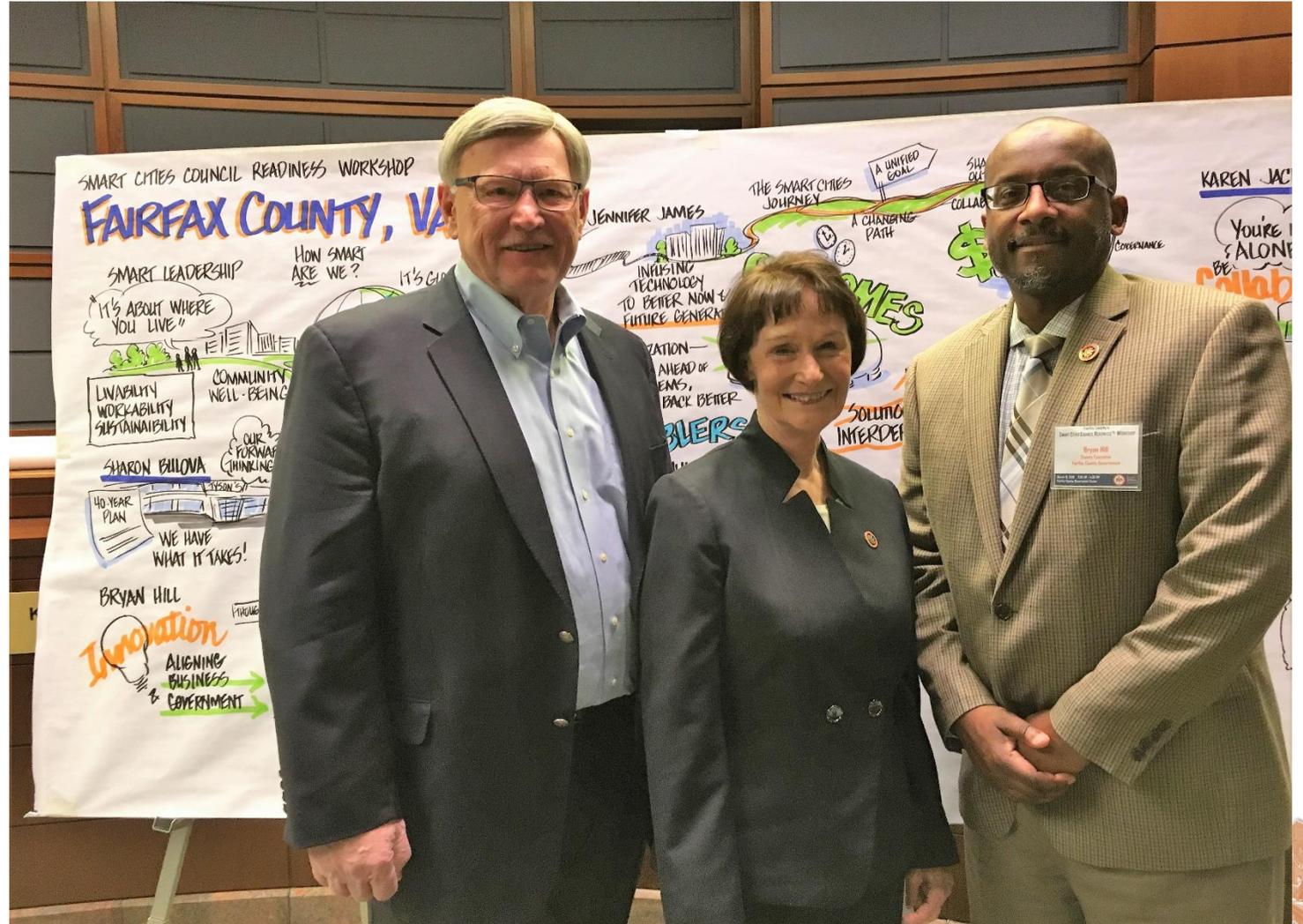
Smart Communities

On March 19, 2018, we held a [Smart Cities Readiness Workshop](#) in partnership with the Smart Cities Council.

The event was designed to help us advance our work to use innovative technologies, data and analytics to better deliver services and programs.

Smart communities leverage technology, data and analytics to make communities more livable, workable and sustainable.

The event convened more the 200 experts from county agencies, public schools, universities and colleges, nonprofits, utilities and regional transportation agencies.



Smart Community – Pilot Projects



Smart Street Infrastructure and Streetlights: Although streetlights are maintained by NOVEC and Dominion, Fairfax County is working to begin installation of LED lights and associated “smart” sensors. A venture capital firm has expressed interest in piloting Smart Streetlight technology in the county. The County connected them with the Town of Herndon, which decided to conduct a smart streetlight pilot project with them to install up to 40 smart streetlights in the downtown.



Partnerships with Startups: The County’s Department of Public Works and Environmental Services is partnering with Matrix Materials on a pilot project to reconstruct two sections of the landfill access road. They will use proprietary technology to use materials diverted from the local landfill as construction materials, with huge cost savings potential. Virginia Transportation Research Council (VTRC), VDOT’s research arm, will assist the county in evaluating the project.



Connected and Autonomous Vehicles (CAV): The County, in partnership with VDOT’s Office of Innovation, the VTRC, and other partners, is working to develop a proposal to operate a CAV shuttle potentially in the Dunn Loring and Mosaic area. An important aspect of the project is to measure the transportation, economic, public safety, environmental, and quality of life benefits associated with projects of this nature.



Data Analytics: The County’s Health and Human Services Agencies (HHS) are using data analytics as an effective tool for improving service delivery. In collaboration with the County’s Department of Planning and Zoning, HHS has developed the Medallion Program to provide a more targeted delivery of services in a fiscally challenging environment.

As a component of the data analytics effort, HHS has developed a Vulnerabilities Index to better understand local community needs. Developed in partnership with Virginia Tech, this tool lays the foundation for using data for predicting future needs.

BECOMING: FAIRFAX

Update to Economic Advisory commission

Karla Bruce, chief equity officer, Fairfax county government

October 9, 2018

Moving *One Fairfax* from Words to Action

RESOLUTION



Whereas, Fairfax County takes pride as a great place to live, learn, work, and play; and,
Whereas, Fairfax County is the largest and strongest economy in the Washington Metropolitan area and one of the strongest in the nation; and,
Whereas, county and school leaders and staff are committed to providing excellent services for every resident of Fairfax; and,
Whereas, Fairfax County government has established a vision of Safe and Caring Communities, Livable Spaces, Connected People and Places, Healthy Economies, Environmental Stewardship, Culture of Engagement and Corporate Stewardship; and
Fairfax County Public Schools has established goals of Student Success, a Caring Culture, a Premier Workforce, and Resource Stewardship; and,

The time is now to move beyond embracing diversity as an asset and implement a new growth model driven by equity – just and fair inclusion into “One Fairfax,” a community in which everyone can participate and prosper.

Whereas, to truly create opportunity, we need to understand and improve our work through a racial and social equity lens from the very core of the organization outward, focusing intentionally and deliberately towards sustainable structural changes; and,
Whereas, a growing number of local jurisdictions across the United States are adopting intentional equity strategies and see equity as an economic growth model;

NOW, THEREFORE, BE IT RESOLVED BY THE FAIRFAX COUNTY BOARD OF SUPERVISORS AND THE FAIRFAX COUNTY SCHOOL BOARD that:

The time is now to move beyond embracing diversity as an asset and implement a new growth model driven by equity — just and fair inclusion into “One Fairfax,” a community in which everyone can participate and prosper.

“One Fairfax” can only be realized with an intentional racial and social equity policy at its core for all publicly delivered services. A racial and social equity policy provides both the direction and the framework to eliminate disparities, and work together to build a vibrant and opportunity-rich society for all.

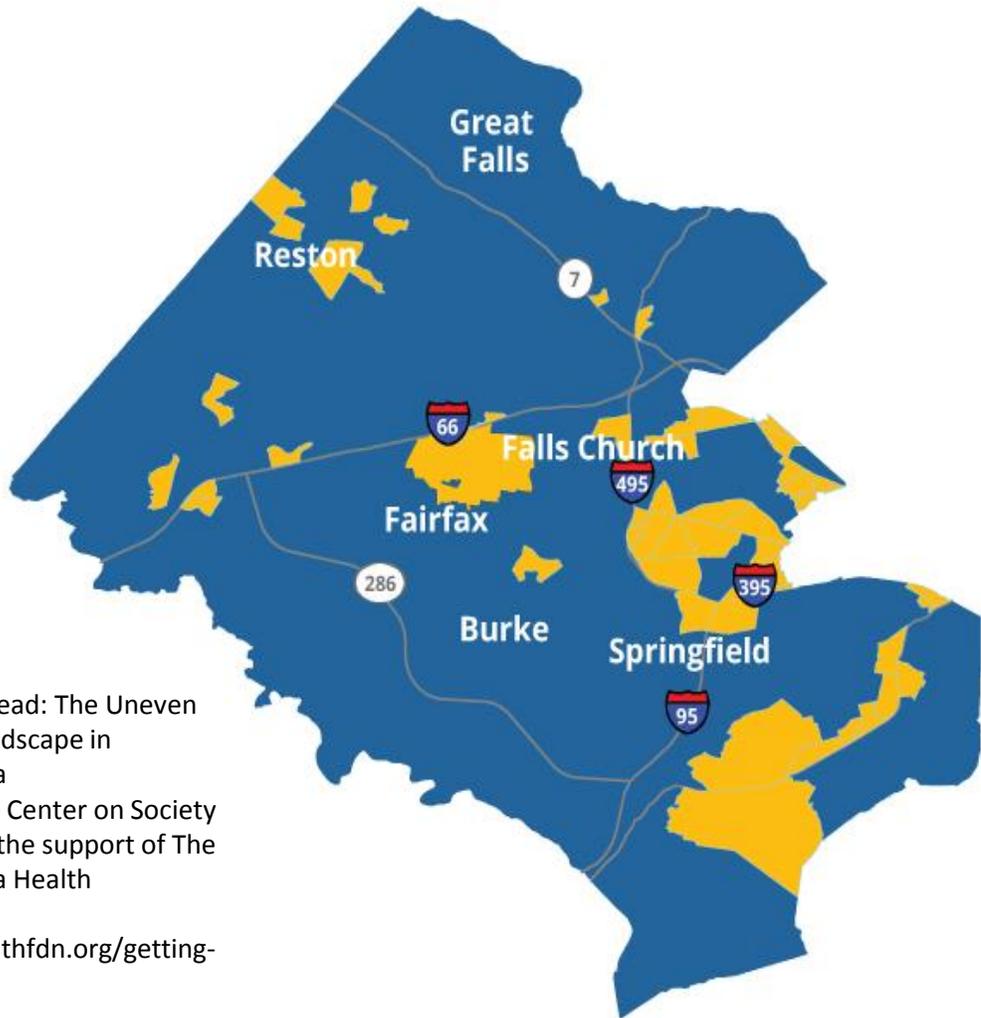
In July 2016, the Fairfax Board of Supervisors and School Board join in this resolution and the development of a racial and social equity policy for adoption and strategic actions to address the challenges and opportunities and achieve equity that include intentional collective leadership, community engagement, equity tools and infrastructure to support and sustain systemic changes, and accountability so collectively, we will realize “One Fairfax,” a community where everyone can participate and prosper.

July 12, 2016

- **One Fairfax Resolution** adopted by the Board of Supervisors and School Board July 2016
 - Directed the development of a racial and social equity policy to be applied in the planning and delivery of all public services.
- **One Fairfax Policy** adopted by Board of Supervisors and School Board November 2017
 - Recognizes equity as an economic imperative
 - Commits the county government and school system to intentionally consider equity when making policies, planning and delivering programs and services.
- FCPS named Francisco Durán **Chief Academic & Equity Officer** October 2017 (Now Chief Equity Officer)
- County appointed first **Chief Equity Officer** June 2018 to advise and support the BOS and leadership in strategically shaping the structure of opportunity across the county.

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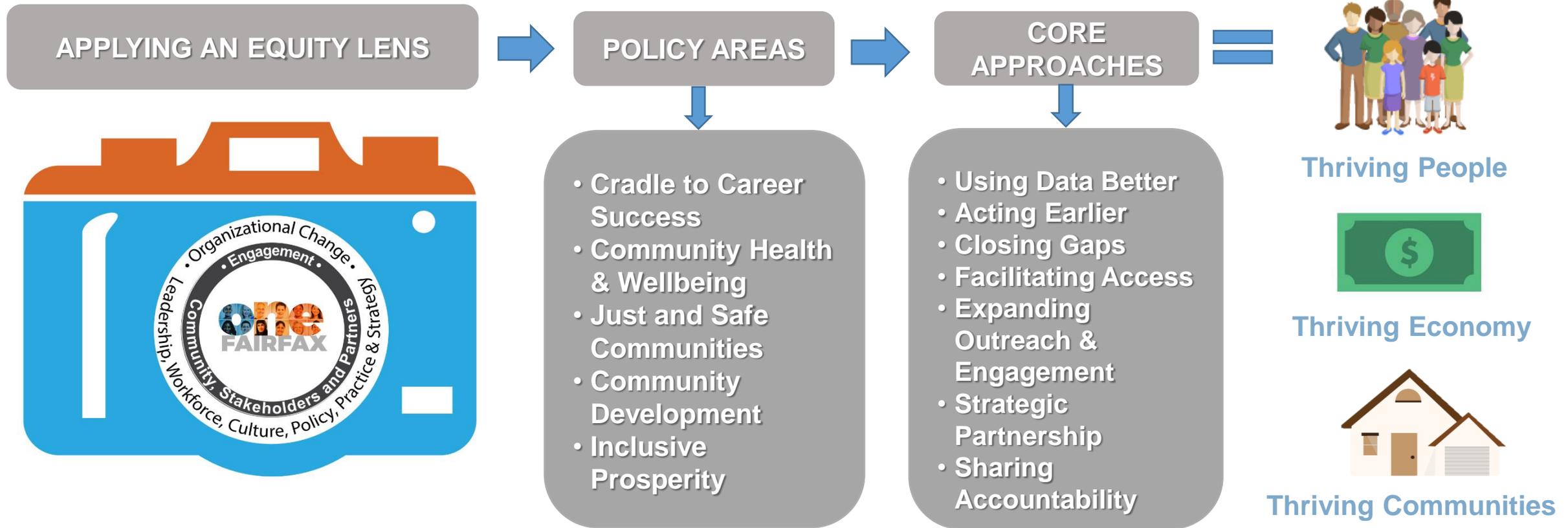
Why *One Fairfax?* The Tale of Two Counties



From *Getting Ahead: The Uneven Opportunity Landscape in Northern Virginia* produced by The Center on Society and Health with the support of The Northern Virginia Health Foundation
<https://novahealthfdn.org/getting-ahead-report/>

- Reports from *PolicyLink, Northern Virginia Health Foundation, Community Foundation of Northern Virginia and Urban Institute* document **variances in opportunity and vulnerability** within Fairfax County and across region.
- Places where people face multiple challenges are interspersed among some of the county's wealthiest communities.
- The solutions that will be most impactful in creating communities of opportunity for all are those that **focus on sustaining and growing our local economy through investments in areas such as housing, education, workforce development, and infrastructure.**

Becoming *One Fairfax* is Fundamental to the County's Continued Success



We ALL do better when we ALL do better!

Equity in Policy and Practice: From STEM/STEAM to STEAMIE



- What is **STEAMIE**?

- S**-Science

- T**-Technology

- E**-Engineering

- A**-Arts

- M**-Math

- I**-Innovation

- E**-Entrepreneurship

- STEAMIE Workspaces

- Place-based “talent cultivation” strategy to create economic mobility opportunities in under-invested neighborhoods.
 - Promotes inclusivity and attracts broader audience by connecting, preparing and mobilizing residents for economic opportunity.



Embark Richmond Highway

Tom Biesiadny
Director
Fairfax County Department of Transportation

Meghan Van Dam
Policy and Plan Development Branch Chief
Planning Division
Department of Planning and Zoning

Embark Richmond Highway

An integrated urban design, land use, and transportation plan designed to propel an aging suburban corridor into an urban, mixed-use community that supports multimodal investments.

Three components:



Existing:

Approx. 10 mile
Segment

Abundant Surface
Parking

Big Box and Strip
Centers

Few Walkers and
Cyclists

Historic Assets

Environmental Assets

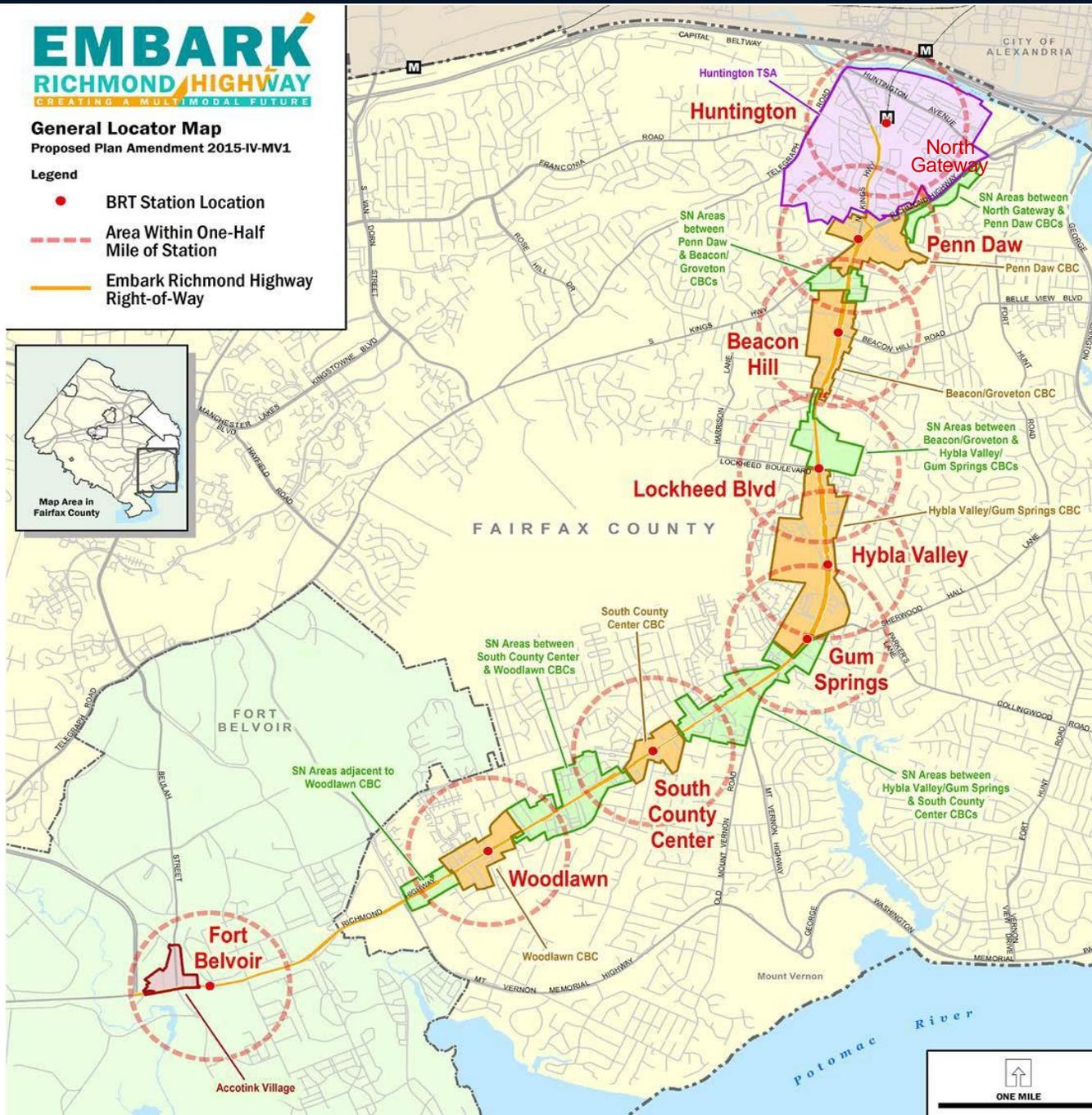
EMBARK RICHMOND HIGHWAY

CREATING A MULTIMODAL FUTURE

General Locator Map
Proposed Plan Amendment 2015-IV-MV1

Legend

- BRT Station Location
- Area Within One-Half Mile of Station
- Embark Richmond Highway Right-of-Way



Planned:

6 Development Centers

Corridor Identity
Legacy + Ecology

Creating People Places
Transit Gateway

Town Center
Legacy + Ecology Meet
Tourism Hub

Multimodal Corridor
Bus Rapid Transit
Cycle Track

Pedestrian Facilities
New Grids of Streets
Future Metrorail

corridor



Promote Revitalization



Support the corridor's economic success



Provide for the health and leisure needs



Maintain the residential nature of communities surrounding the CBCs



Offer safe, reliable and interconnected transportation modes



Preserve, enhance, and restore the environment



Encourage high-quality urban design



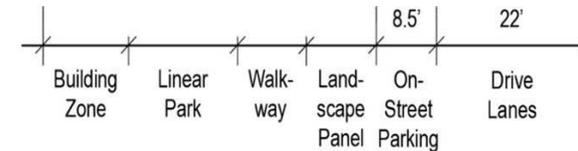
Accept responsibility for the stewardship of historic resources

planning principles

PENN DAW CBC | TRANSIT GATEWAY



RENDERING | LIVABILITY SPINE



CONCEPT

- ▶ High intensity transit-oriented development node and transportation gateway
- ▶ Potential BRT station at the intersection of Richmond Highway and Kings Highway
- ▶ New multimodal connections and public spaces link both sides of the Community Business Center (CBC) and enhance pedestrian realm
- ▶ A new civic plaza at the planned BRT station will be created through the planned separation of North and South Kings Highways from Richmond Highway
- ▶ A new east-west connection between South Kings Highway and Richmond Highway will be constructed to the south of the potential BRT station

GRID OF STREETS

- ▶ Multimodal grid of streets on the east side of the CBC will include a livability spine running parallel to Richmond Highway
- ▶ Livability spine will function as a main street and feature a linear park

LAND USE/DESIGN

- ▶ Tallest buildings close to the potential BRT station, up to 15 stories
- ▶ Buildings taper to 12 stories adjacent to the livability spine and down to 3-4 stories adjacent to the neighborhood
- ▶ Up to 915,000 gross square feet (2,663 jobs) of non-residential uses and up to 2,910 residential dwelling units are proposed

LIVABILITY SPINE
Parallel Road
Main Street
Linear park amenity

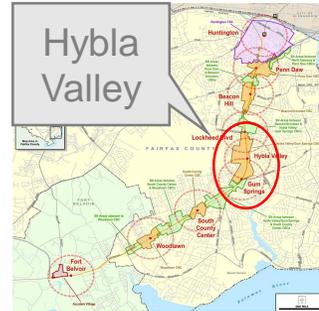
cbc concepts

HYBLA VALLEY - GUM SPRINGS CBC VIEW OF THE LEGACY PARK



CONCEPT

- ▶ Dynamic, mixed-use, transit-oriented activity center
- ▶ Three potential BRT stations at the intersections of Lockheed Boulevard, Boswell Avenue, and Sherwood Hall Lane with Richmond Highway
- ▶ Ultimately, a Metrorail station in the central portion of the Community Business Center (CBC)
- ▶ Placemaking elements highlight the legacy and ecology of the area
- ▶ Innovative environmental practices and technologies will be showcased



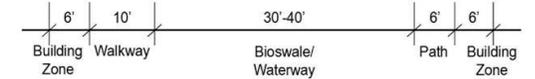
LAND USE/DESIGN

- ▶ Tallest buildings close to the central potential BRT station, up to 9 stories
- ▶ View from Historic Huntley considered and building heights limited on the southern end to 60 feet
- ▶ Up to 2.4 million gross square feet (6,460 jobs) of non-residential and up to 3,400 residential dwelling units proposed,
- ▶ Up to an additional 910,000 SF of development with future Metrorail funding agreement and corridor-wide transportation analysis

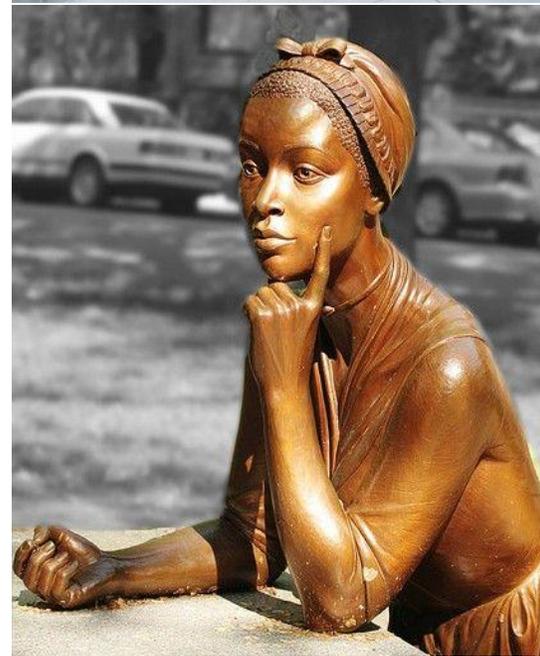
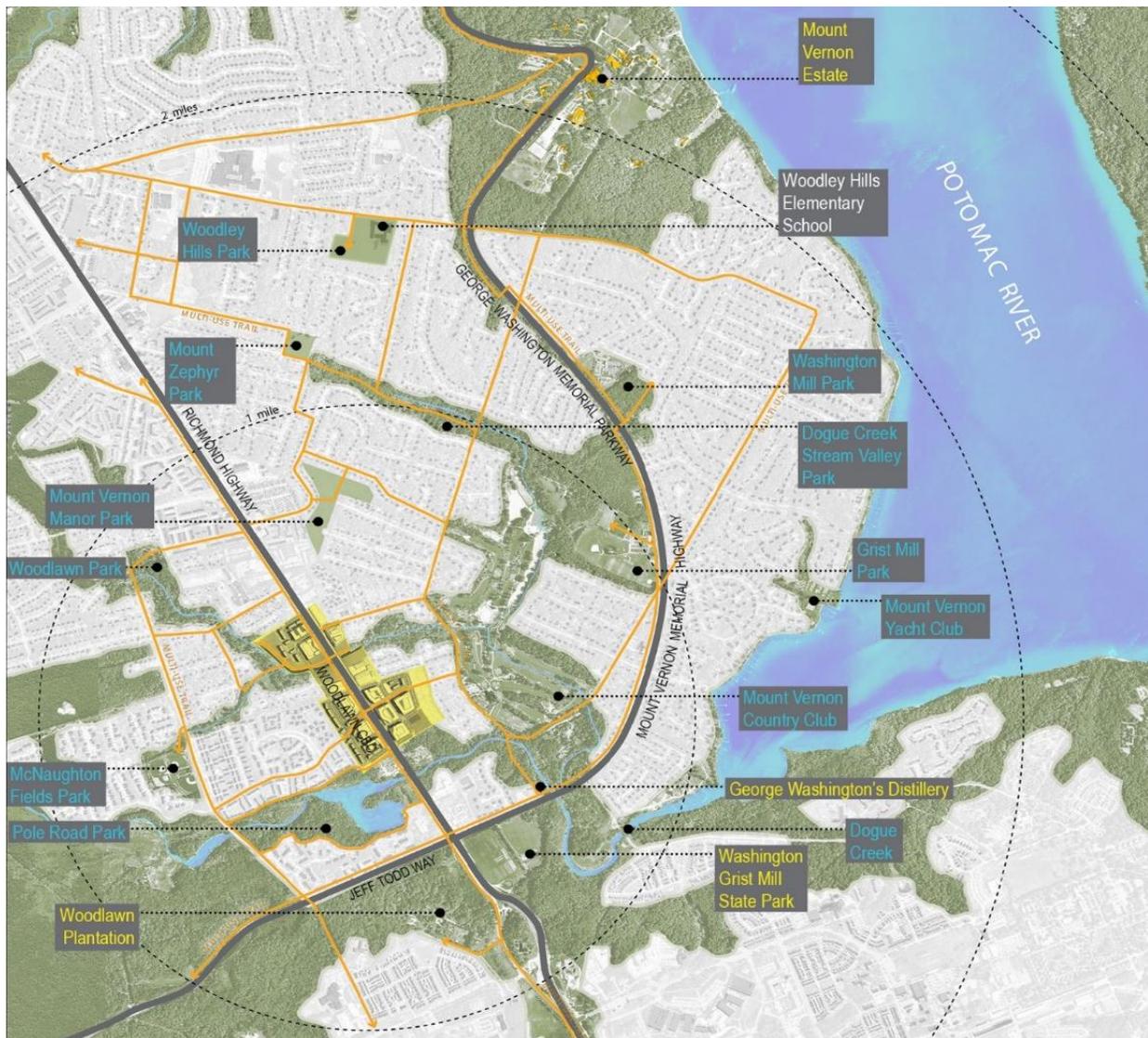
GRID OF STREETS

- ▶ Multimodal grid of streets is planned for the west side of the CBC, with connections to the east side
- ▶ Ecological spines designed to showcase environmental features and provide multi-use paths between residential areas

Ecological Spine Street/Trail
Hybla Valley/Gum Springs



cbc concepts



Public art that references the area's history

CONNECTIVITY AMONG NEARBY PLACES

- Mount Vernon Estate
- Grist Mill & Distillery
- Woodlawn-Arcadia-
- Pope-Leighey House
- Original Mount Vernon
- High School
- Dogue Creek Stream
- Valley
- Fort Belvoir
- US Army Museum

cultural corridor

Implementation Highlights

Flexible mechanisms to achieve plan goals

Public facilities and infrastructure to be phased to development, including a new school site

Strategic Economic Development Team

Affordable Housing Advisory Group

Detailed Urban Design Guidelines

Opportunity and Economic Revitalization Zones

Refined Grid of Streets Analysis

Funding plan for transportation improvements

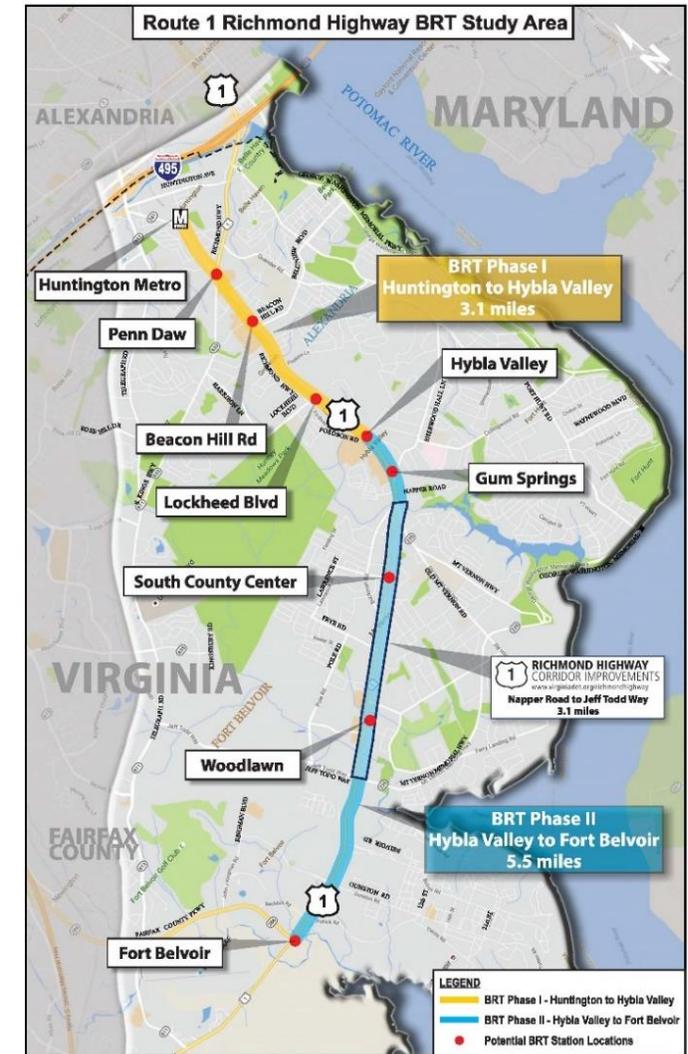
Richmond Highway Widening

BRT Community Advisory Group, Environmental Review, Design and Branding



Richmond Highway BRT Project

- The Richmond Highway Bus Rapid Transit (BRT) Project is an effort to plan, design, and construct a BRT system between Huntington Metrorail Station and Fort Belvoir
- Nine potential BRT stations
- Two phases:
 - Phase I: Huntington Metrorail Station to Hybla Valley
 - Phase II: Hybla Valley to Fort Belvoir

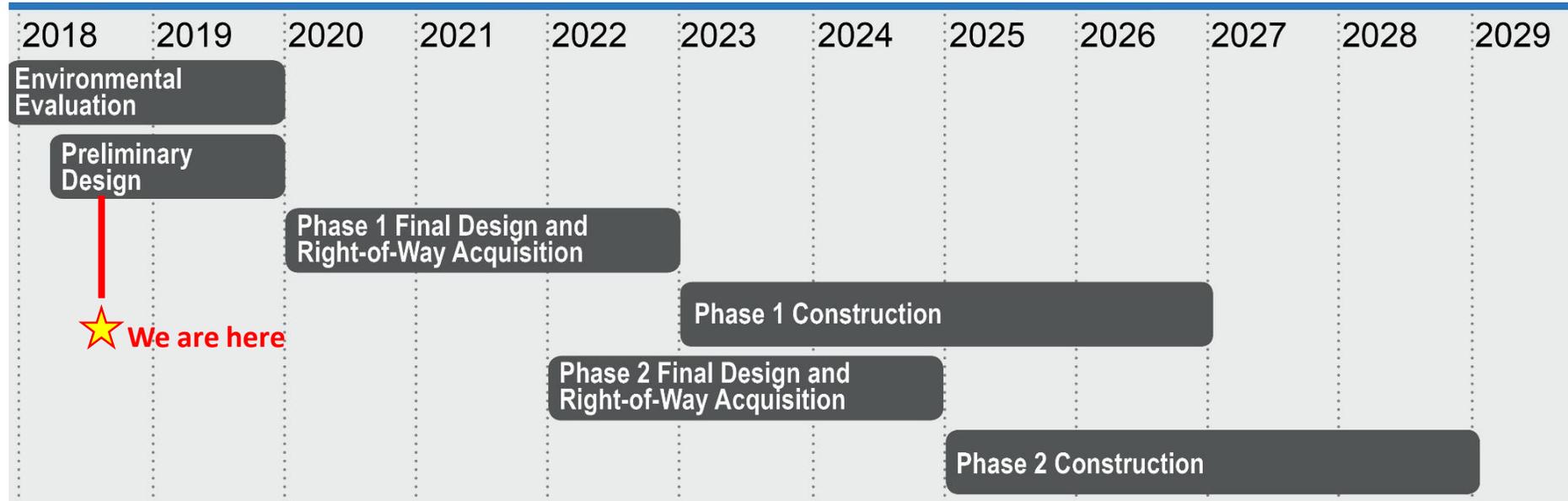


Richmond Highway BRT Improvements

- **Two dedicated BRT lanes** in median for majority of alignment; brings quality, reliability, and safety
- **Roadway widening**, where necessary (no increase in number of lanes)
- Consideration of **future connections** to walkways, trails, and bicycle facilities
- **Streetscape** (station/landscape, walkways, signage)



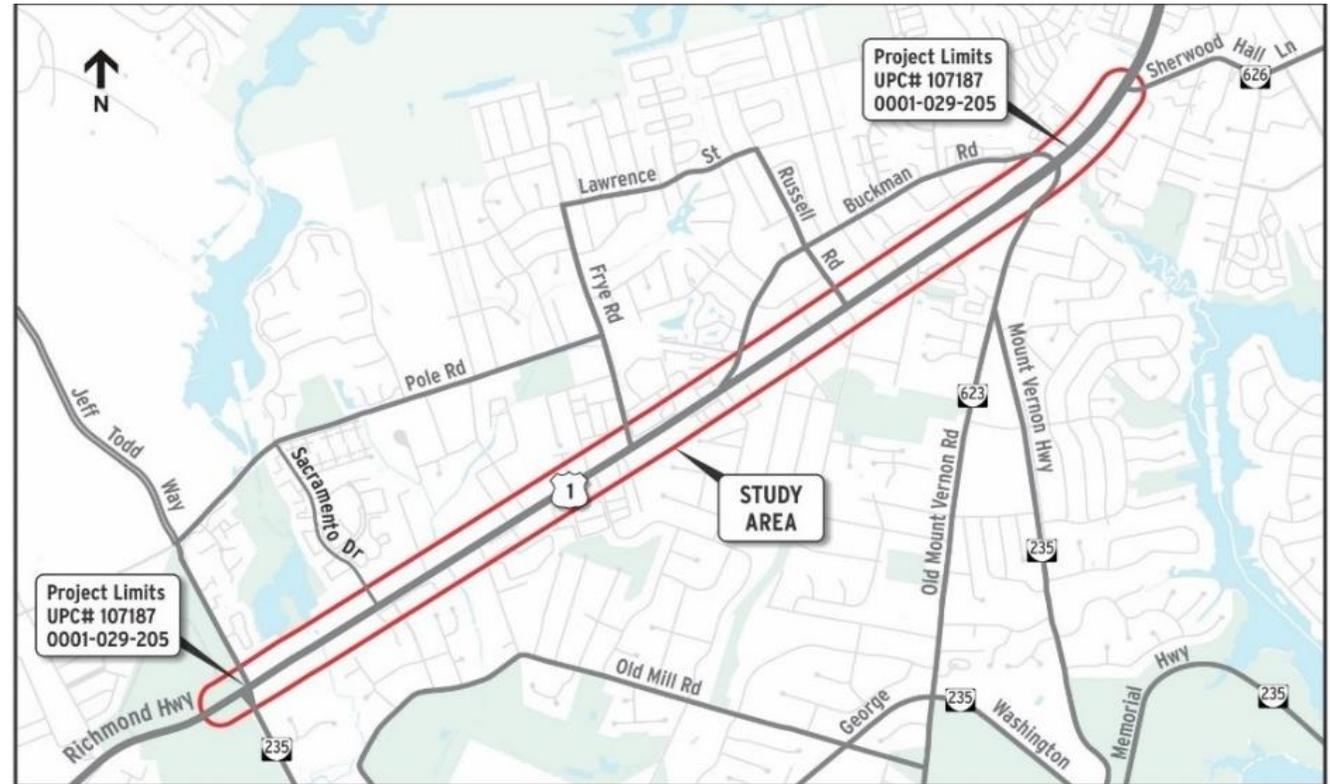
Preliminary BRT Schedule



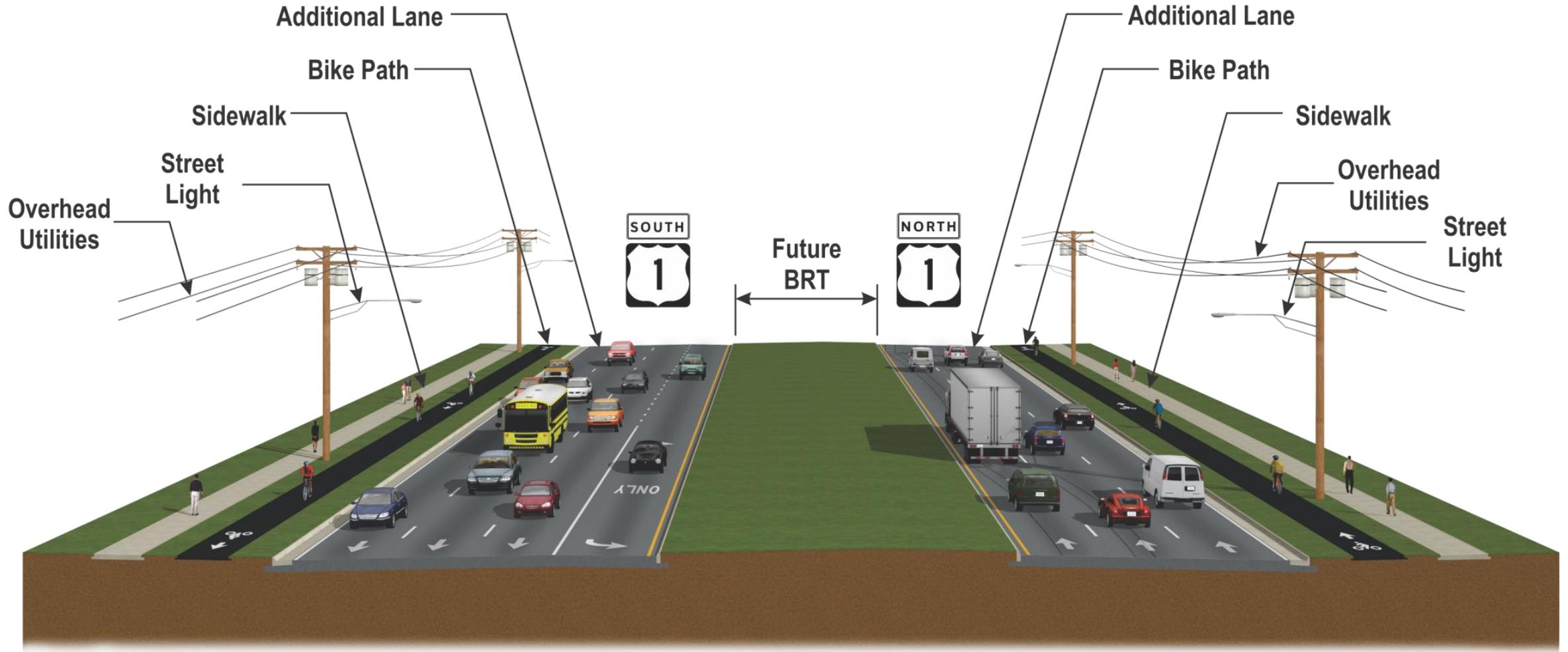
Note: Timeframes and durations for design, utilities, right-of-way, vehicle procurement, and construction will vary depending on funding availability.

Richmond Highway Corridor Improvements

- Jeff Todd Way to Napper Road – 2.9 miles
- Last remaining four-lane section north of Fort Belvoir
- Planned improvements:
 - Widen to six lanes
 - Reserve median for future BRT system
 - Provide bike & pedestrian improvements on both sides of road



Richmond Highway Corridor Improvements

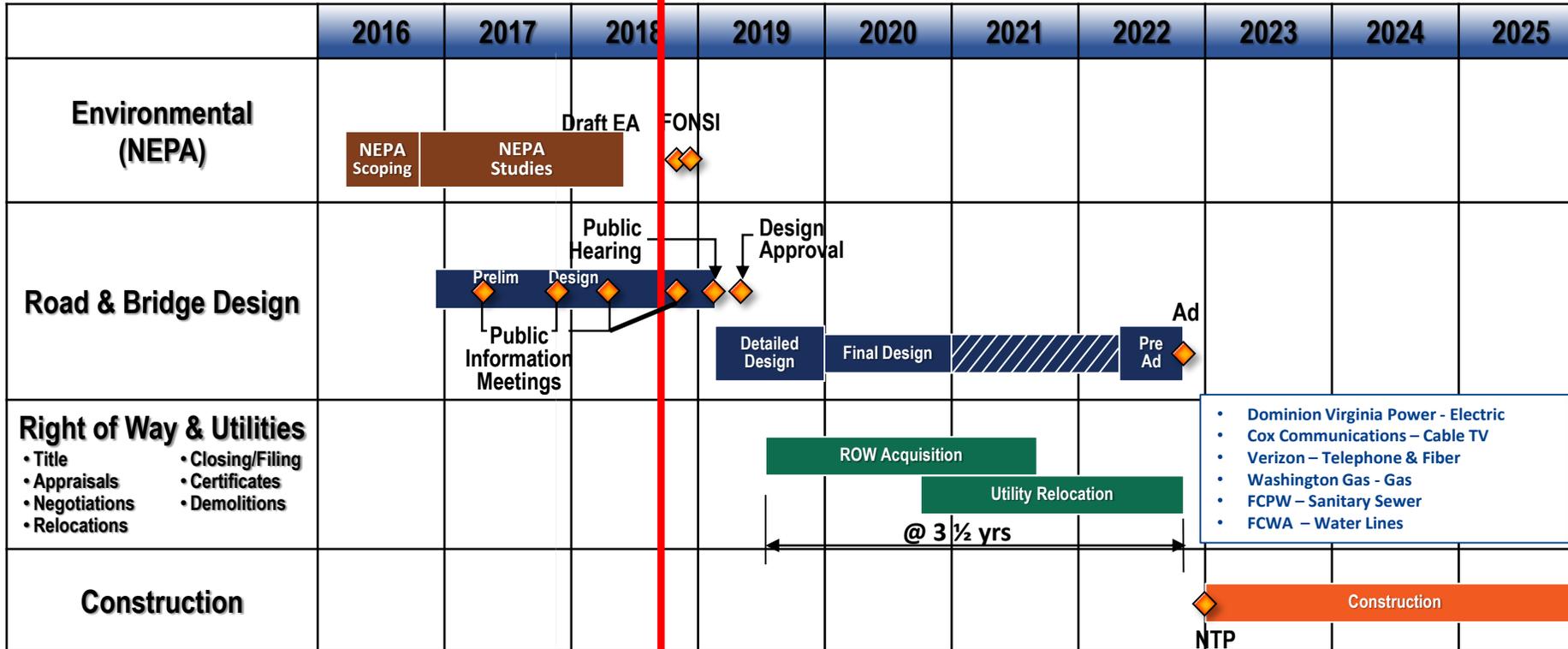


The intent of this exhibit is to depict the configuration of elements within the Proposed right-of-way. For clarity, potential landscaping is not depicted.

Widening Schedule

We are here -
September 21, 2018

Calendar Schedule



= Milestones

List of Milestone Events

Activities	Dates
Public Information Meeting #1	April 2017
Public Information Meeting #2	November 2017
Public Information Meeting #3	April 2018
Public Information Meeting #4 and NEPA Public Hearing	October 29, 2018
FHWA Record of Decision	Late 2018
Design Public Hearing	Early 2019
Design Approval / Final Design Begins	Mid 2019
Right of Way Acquisition and Utility Relocations	Early / Mid 2019
Begin Construction	Early 2023
Project Open to Traffic	2026



Original Mount Vernon High School Master Planning

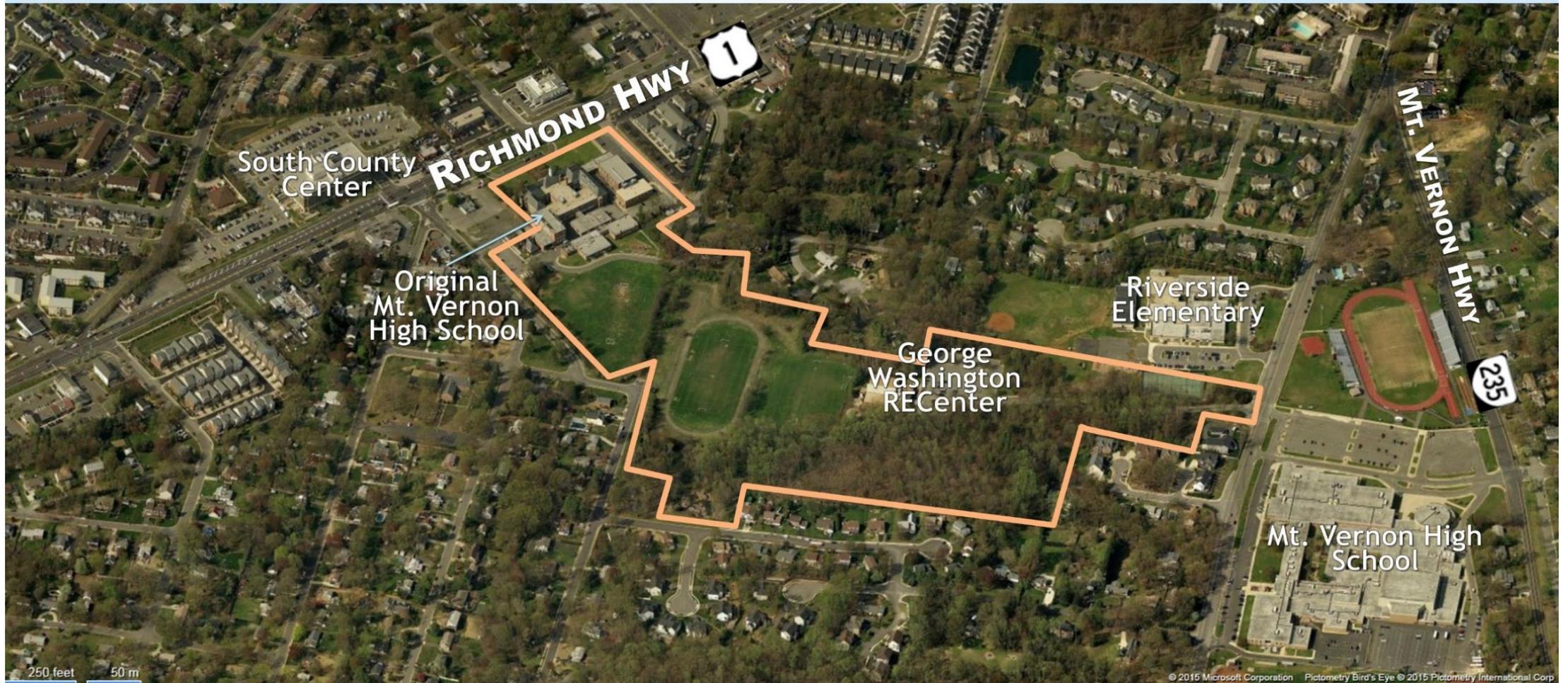
October 9, 2018



— ORIGINAL —
MOUNT VERNON
— HIGH SCHOOL —

MASTER PLAN

The Project Property and Location



Project Information

- Original Mount Vernon High School (OMVHS), on Richmond Hwy, was vacated from a long term lease to ISA in summer 2016, and has been listed in the National Register of Historic Places as of May 2018.
- Renovations in areas for community use and public services (Gym, Fire Marshal, FCPS, and Teen/Senior Center).
- A Request for Proposal (RFP) issued in June 2017 for a Master Development Plan.
- Interim Agreement, with the selected development team authorized by BOS in February 2018.
- Long term redevelopment master planning in progress, including OMVHS re-use.

The Historic Structure



Project Goals

- Creating value for the community, the County, and our partner.
- Building community through the creation of a vibrant place.
- Delivering services effectively
- Preserving the character and integrity of the historic structures
- Maintaining consistency with the vision of the ***Economic Success Strategic Plan***, and ***One Fairfax*** Policy.
- Enhancing recreational opportunities and preserving natural resources.

OMVHS provides an opportunity to address multiple ESSP Goals including:

Further Diversify
Our Economy

Create Places
Where People
Want to Be

Invest in Natural
and Physical
Infrastructure

Achieve Economic
Success through
Education and
Social Equity

OMVHS provides an opportunity to address multiple One Fairfax Areas of Focus including:

Community and economic development that promotes wealth creation and ensures fair access for all people.

A full spectrum of housing opportunities in mixed-use areas, accessible to multiple modes of transport and that allow all who want to live in Fairfax to be able to do so

Workforce development pathways that provide opportunities to develop knowledge and skills to contribute to our vibrant economy and earn sufficient income to support themselves and their families.

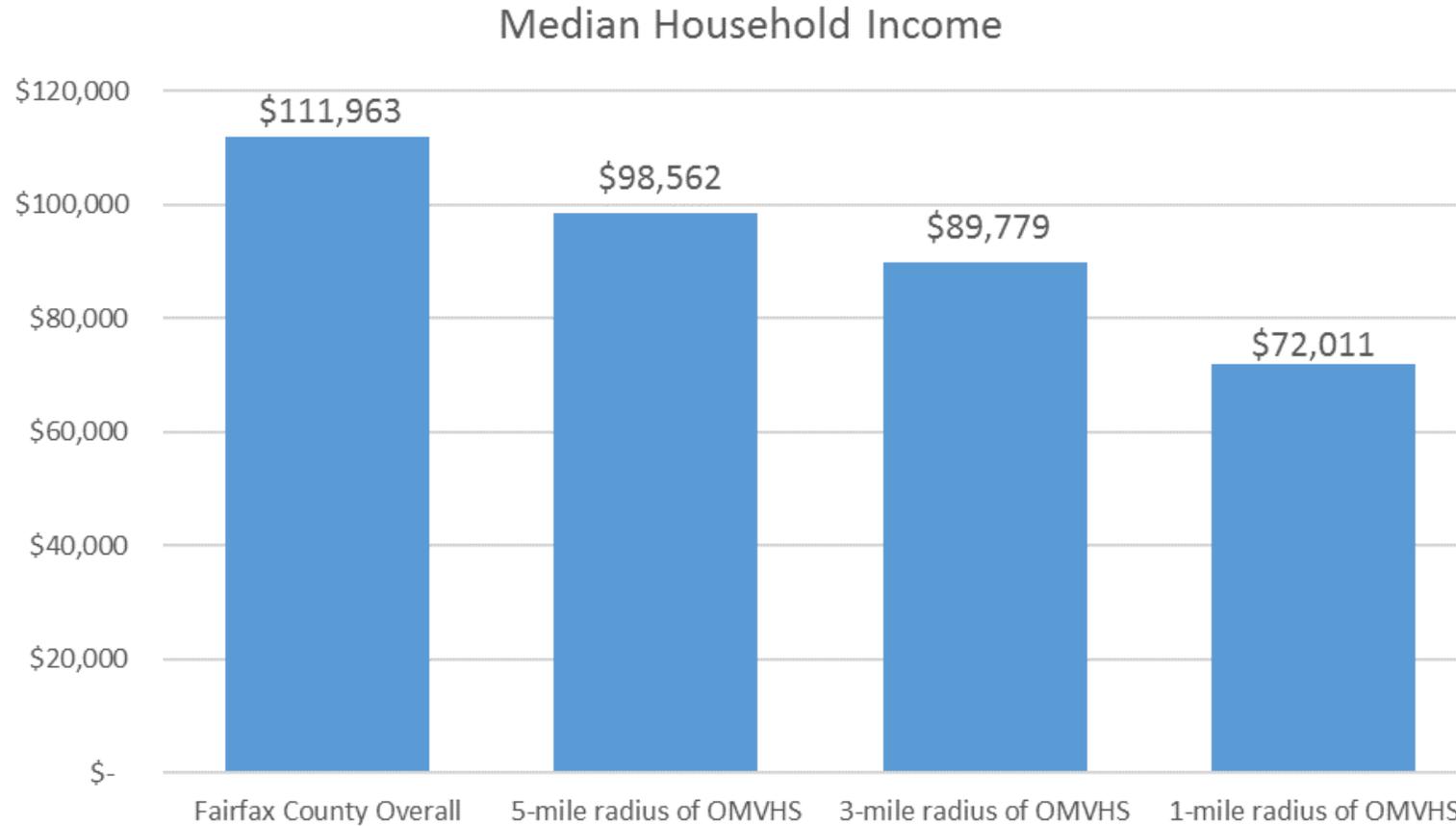
Early childhood education options that enable all children to enter kindergarten at their optimal developmental level with equitable opportunity for success.

Accessible and inclusive parks and recreation facilities, programs, and services

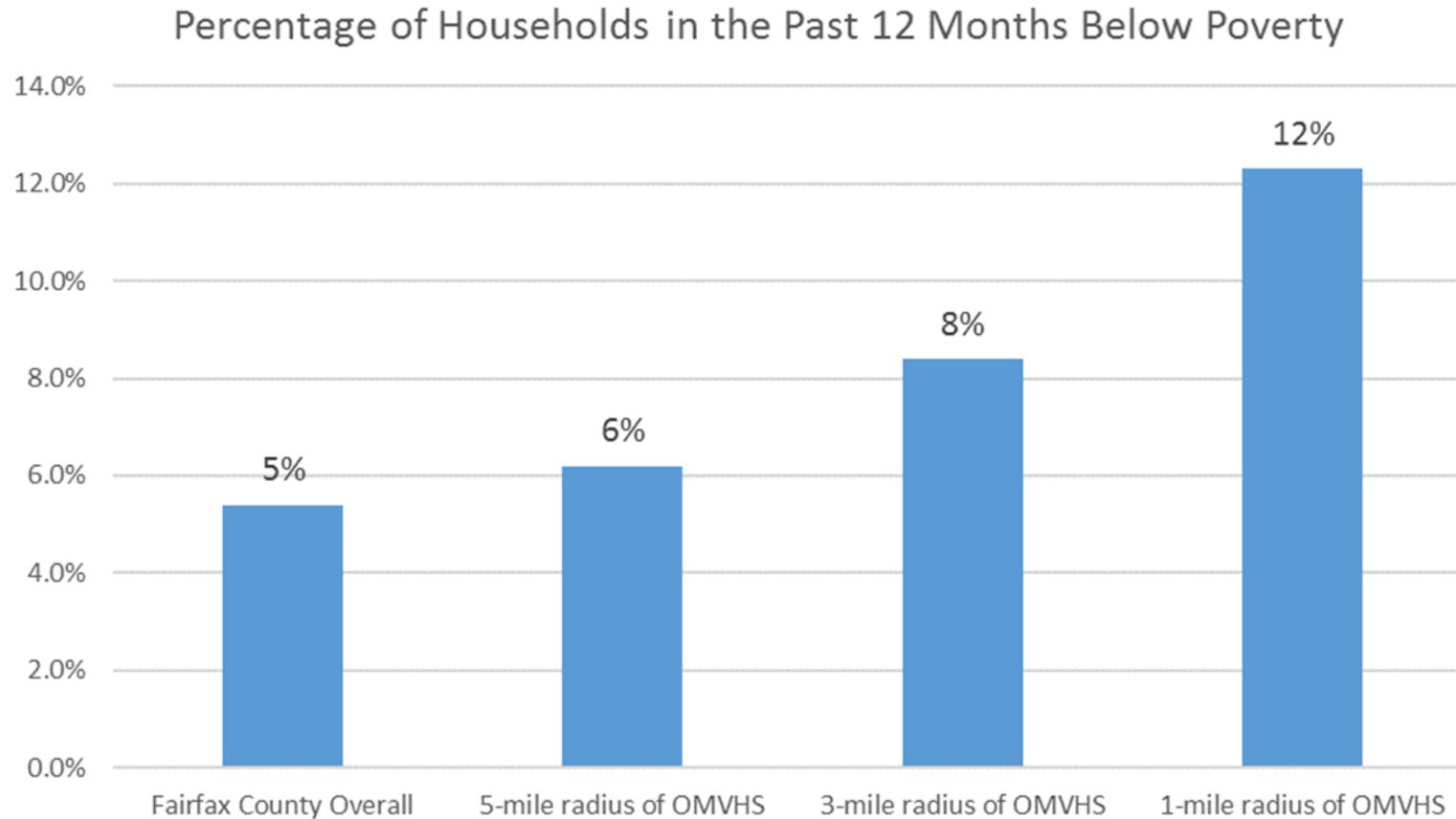
OMVHS Community Information

- The planning and development process is informed by key economic and demographic characteristics of the communities around OMVHS.
- Distinct economic and demographic differences emerge when comparing data from the community surrounding OMVHS to Fairfax County averages.

Community Context: Income

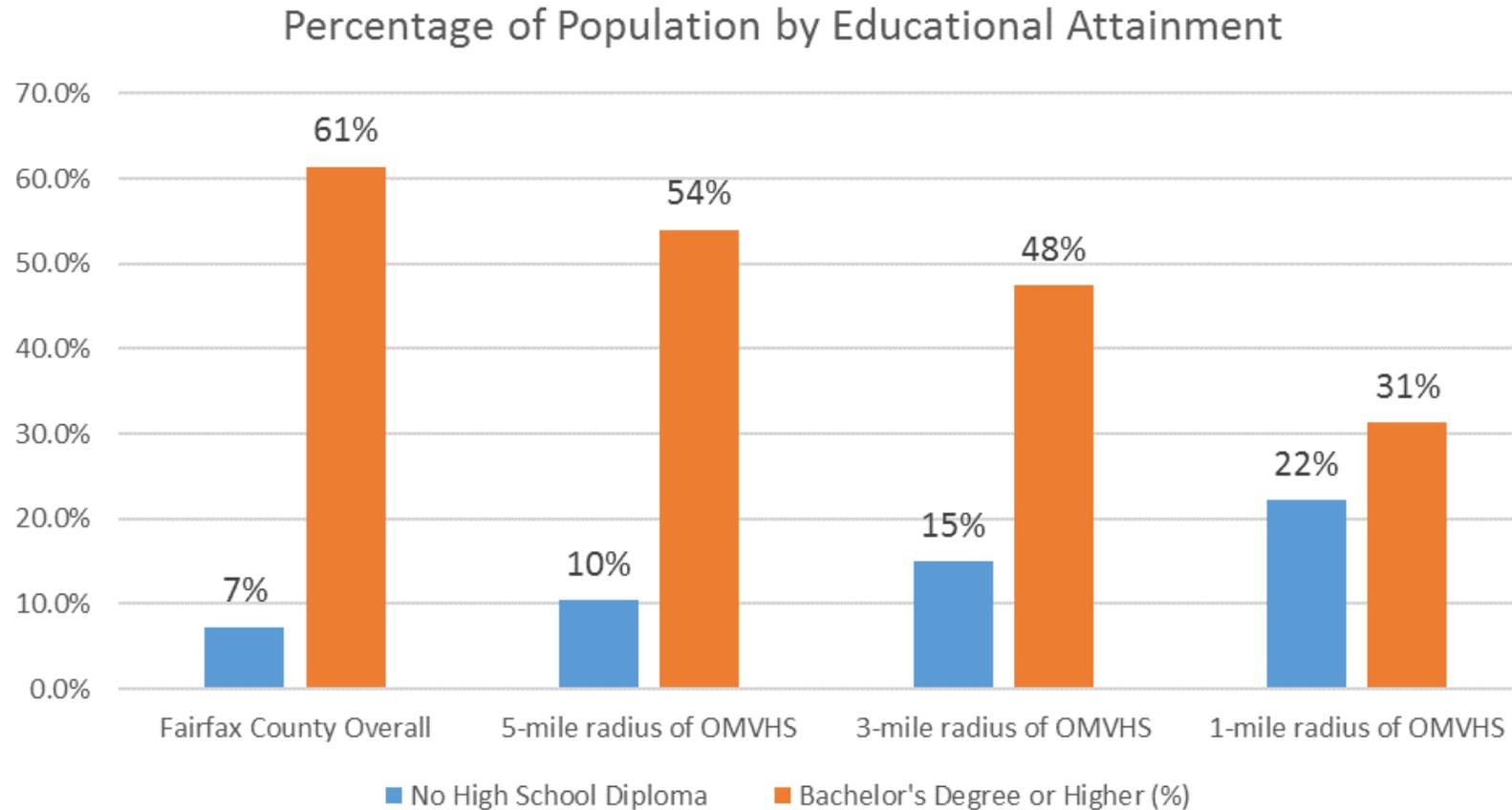


Community Context: Poverty Levels



Esri Community Profile Report, 2017

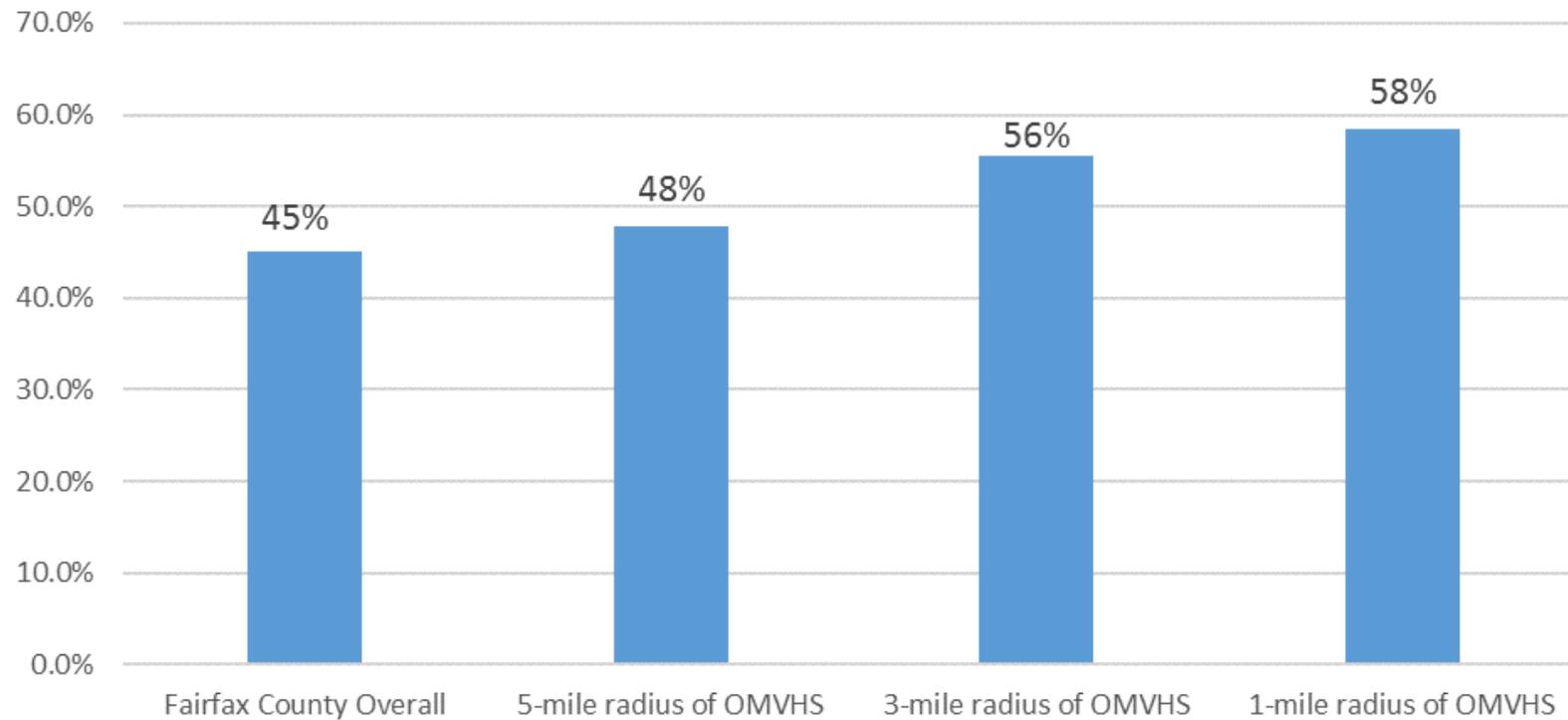
Community Context: Educational Attainment



Esri Community Profile Report, 2017

Community Context: Rent Burden

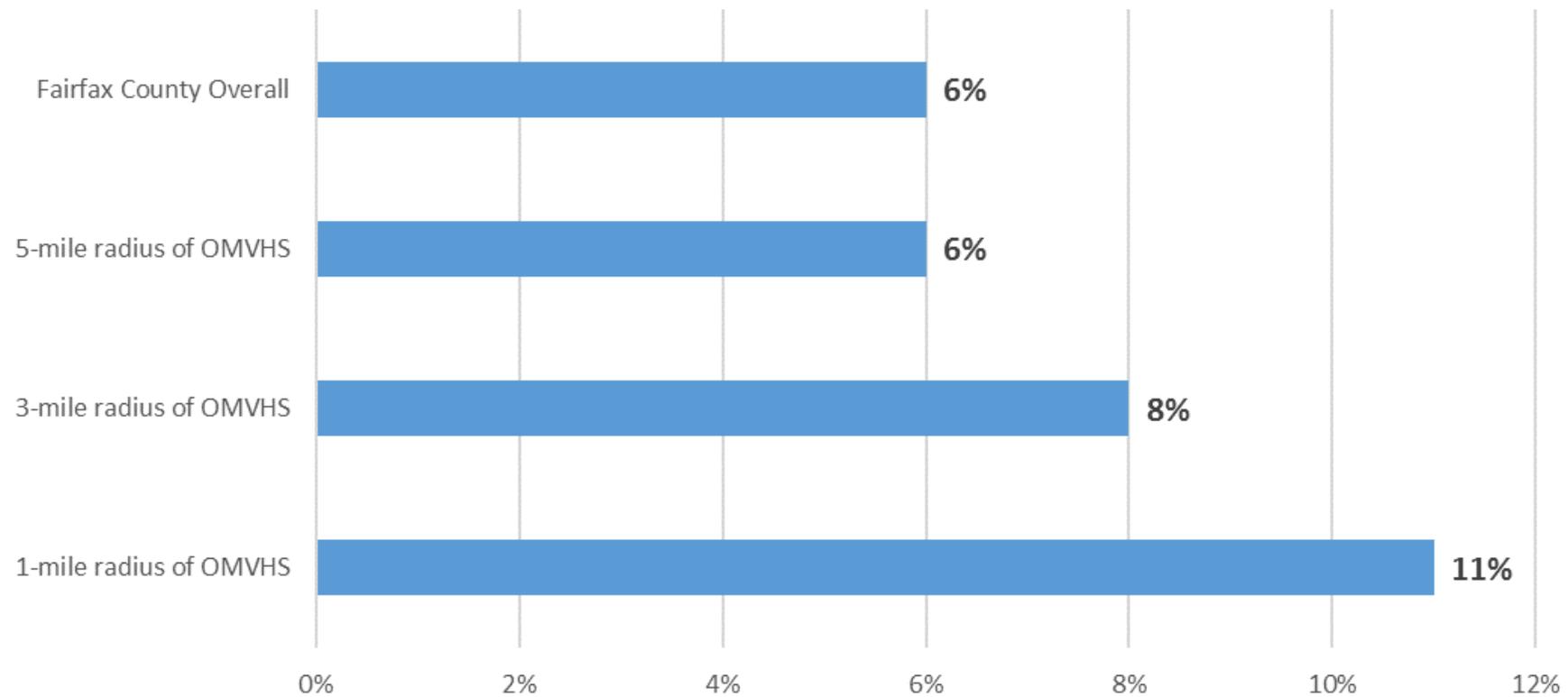
Households with Gross Rent over One-Third of their Household Income



Esri Community Profile Report, 2017

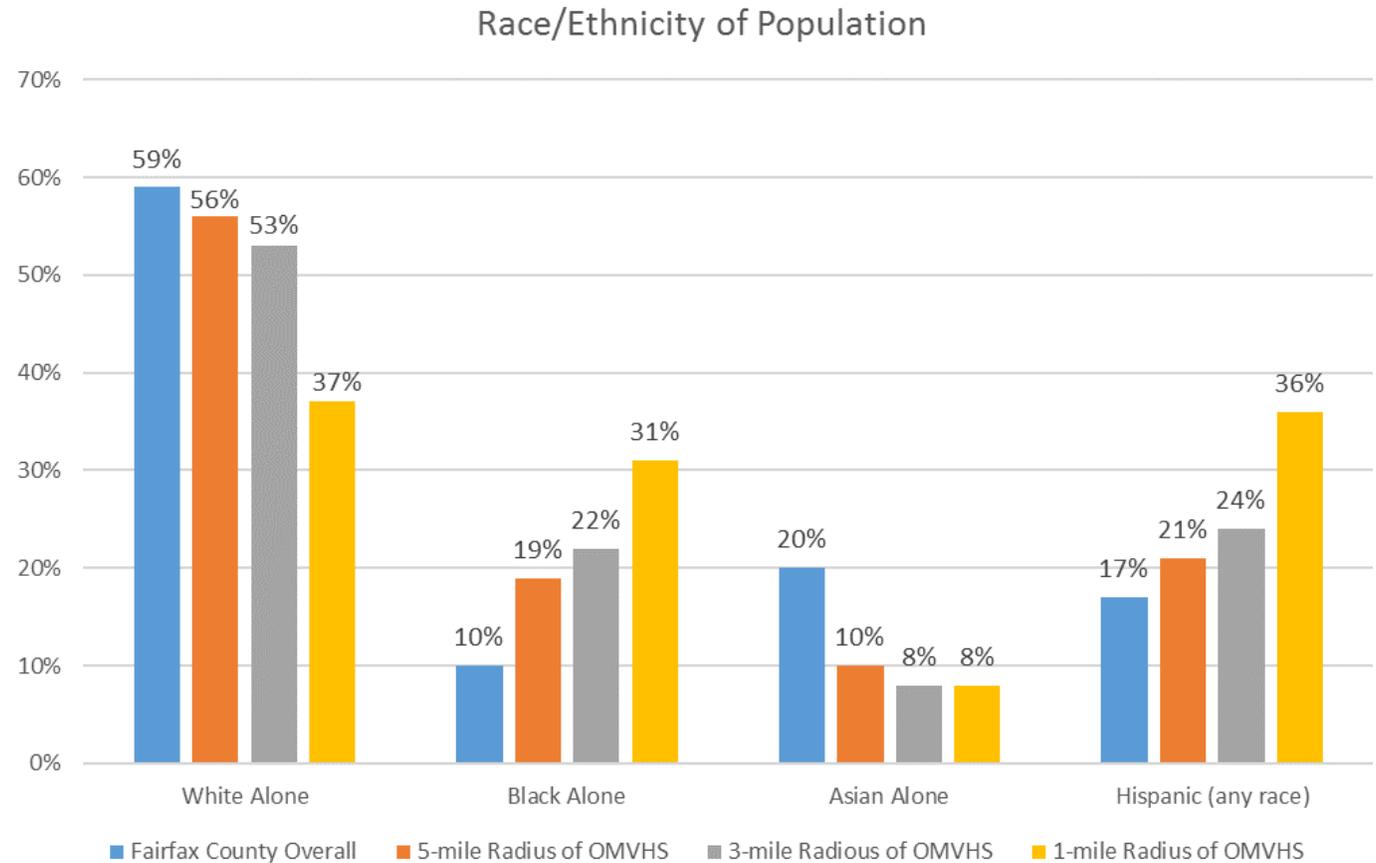
Community Context: English Proficiency

Percent of Population that Speaks English "Not Well" or "Not at All"



Esri Community Profile Report, 2017

Community Context: Race/Ethnicity



Creating Pathways to Opportunity

Key Development Elements

- **Core Elements**

- Childcare & Early Childhood Education Program
- Community Programming
- Recreation & Community Wellness

- **Anchor Elements**

- Education and Workforce Development
- Residential
- Others

- **Complementary Elements**

- Entrepreneurship, Incubation and Commercial Uses
- Nonprofit Service Providers
- Others

Potential Funding/Revenue Sources

- EDA and/or General Obligation Bonds
- Historic Tax Credits - Federal and state
- Affordable Housing Tax Credits
- Developer Funds
 - New Market Rate Housing-
 - Land Value - Sale or ground lease
 - OMVHS Tenants
- Funding/Revenue from Building Use
- Funding for Program Operations
 - County
 - State and Federal Grants (child care)
 - Funding partners for target programs (Venture Philanthropy Partners- VPP)