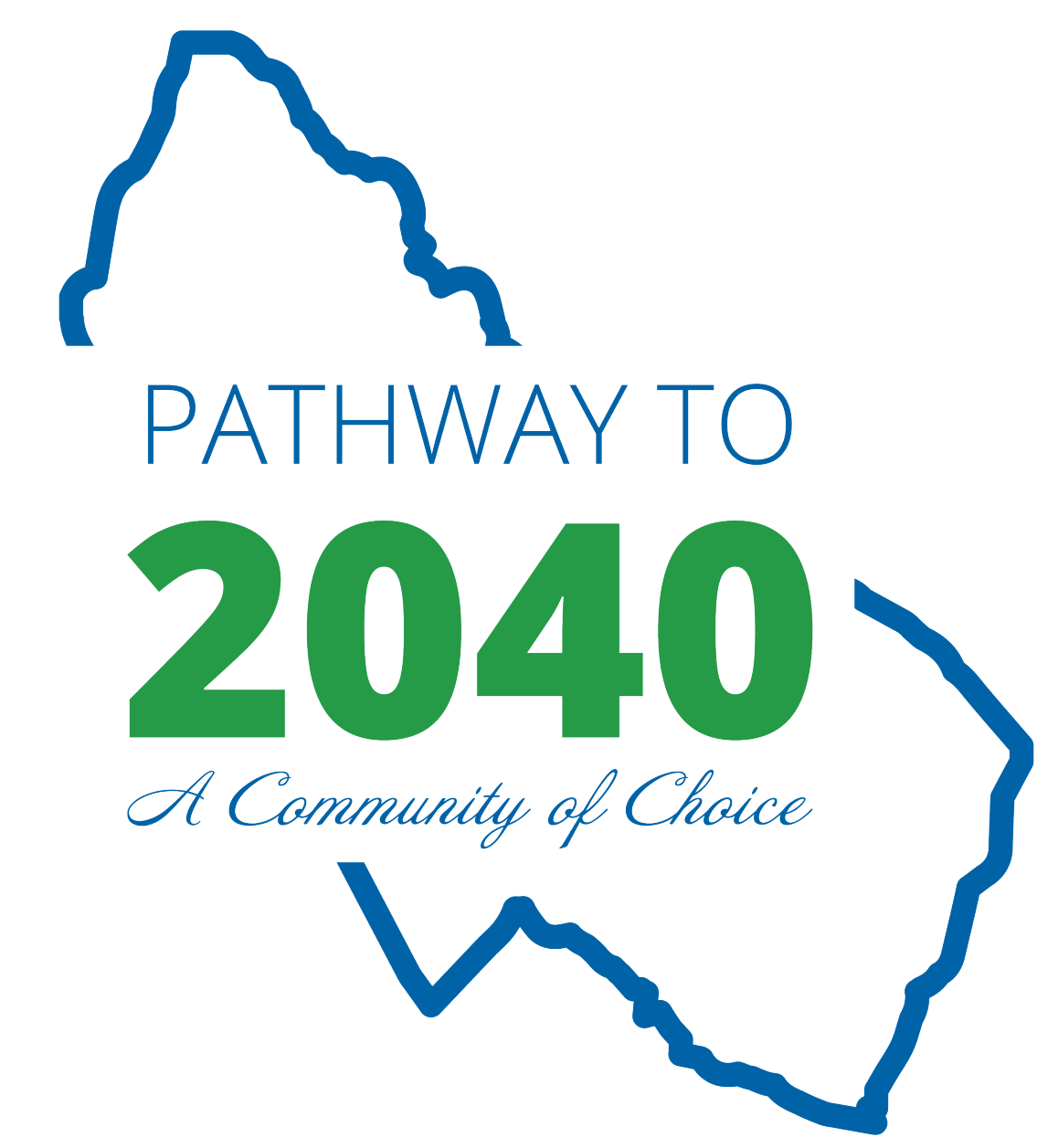


LAND USE INTRODUCTION



WHAT YOU ARE GOING TO SEE IN THE FOLLOWING EXHIBITS

- **Activity Centers and Redevelopment Corridors:** As part of updates to the Land Use chapter of the Comprehensive Plan, the County has been studying potential future land use in eight Activity Centers and two Redevelopment Corridors. These areas comprise part of a broader set of regional and local Activity Centers and Corridors identified by the County and the Metropolitan Washington Council of Governments (MWCOG) as focal points for future growth and a mix of land uses.
- **Rural Placetypes:** As a new component of the County's land use framework, the County has identified and evaluated locations for additional rural placetypes (Villages, Hamlets, and Residential Clusters). These areas could accommodate compatible development in select locations while maintaining the character of the surrounding rural landscape.

The following series of exhibit boards summarizes the future land use visions for each of the Activity Centers and Redevelopment Corridors being studied as well as the potential locations and characteristics of the new rural placetypes.

LAND USE VISION

Prince William County is a diverse and thriving community that strives to be an equitable, sustainable, and vibrant place which offers access to a variety of employment, housing and mobility opportunities while respecting our distinct cultural and environmental resources as well as promoting the quality-of-life values that establish a unique sense of place.

LAND USE PLACETYPES

1 ACTIVITY CENTERS

Activity Centers are geographic areas consisting of existing and/or proposed mixes of land uses that attract people for shopping, work, school, recreation, and socializing. Through compact, mixed-use land use patterns, these areas will accommodate supplemental future growth while playing a major role in achieving these and other Smart Growth Principles.

2 REDEVELOPMENT CORRIDORS

Redevelopment Corridors are geographic areas consisting of older commercial neighborhoods which are not experiencing their full economic potential. These areas have been identified as a priority for planning and investment strategies that serve as a catalyst to promote and perpetuate economic viability.

3 VILLAGES

Villages are compact areas with a mix of uses (including residential, commercial, civic/institutional, and potentially other land uses) that serve as focal points for the surrounding rural area. Villages can accommodate a limited amount of future growth that is contained within their boundaries and is compatible with the scale and character of the rural landscape.

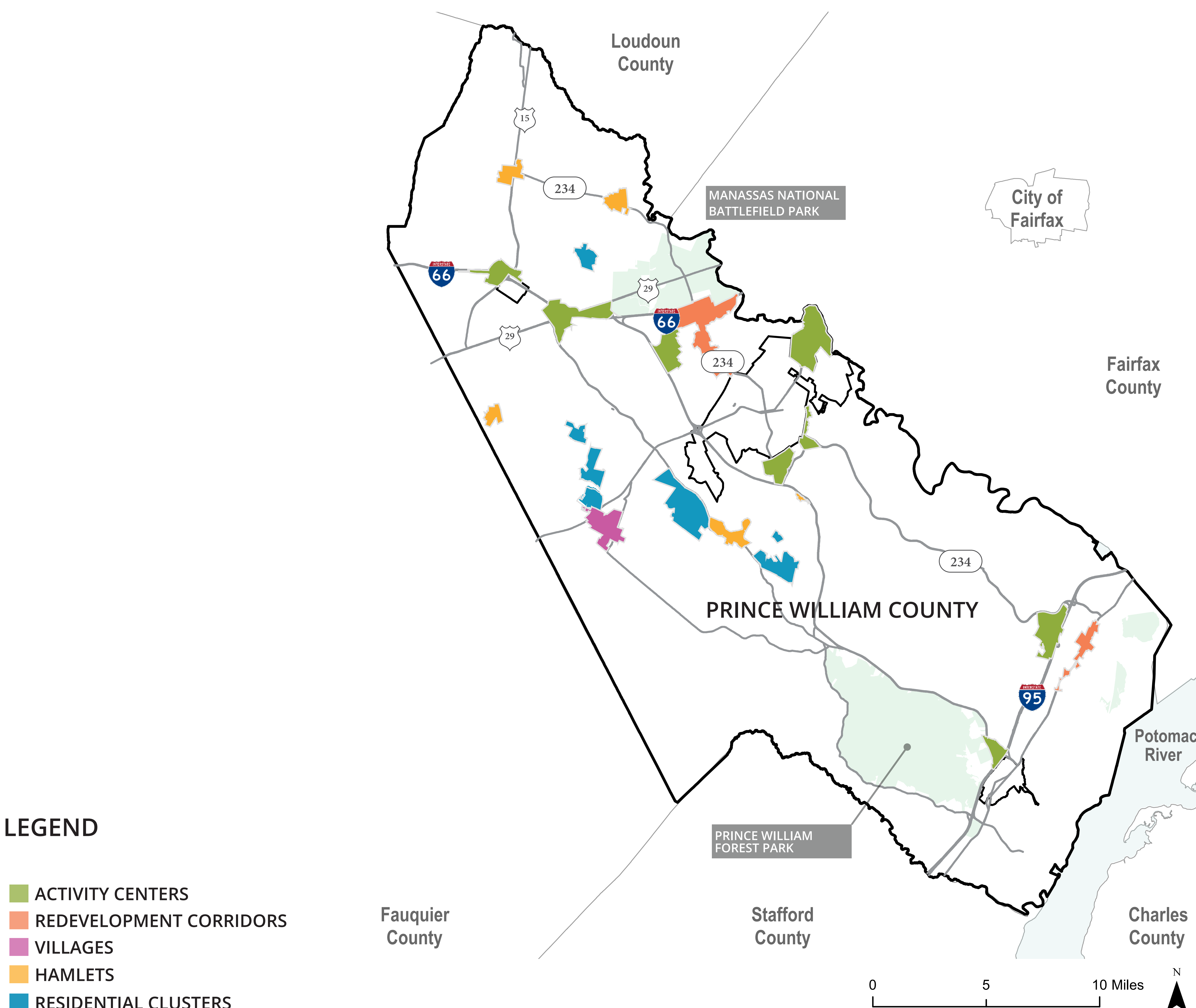
4 HAMLETS

Smaller than Villages, Hamlets are also compact areas with a small-scale mix of uses (including residential, commercial, civic/institutional, and potentially other land uses). These areas have some potential for limited future growth and is compatible with the scale and character of the rural landscape.

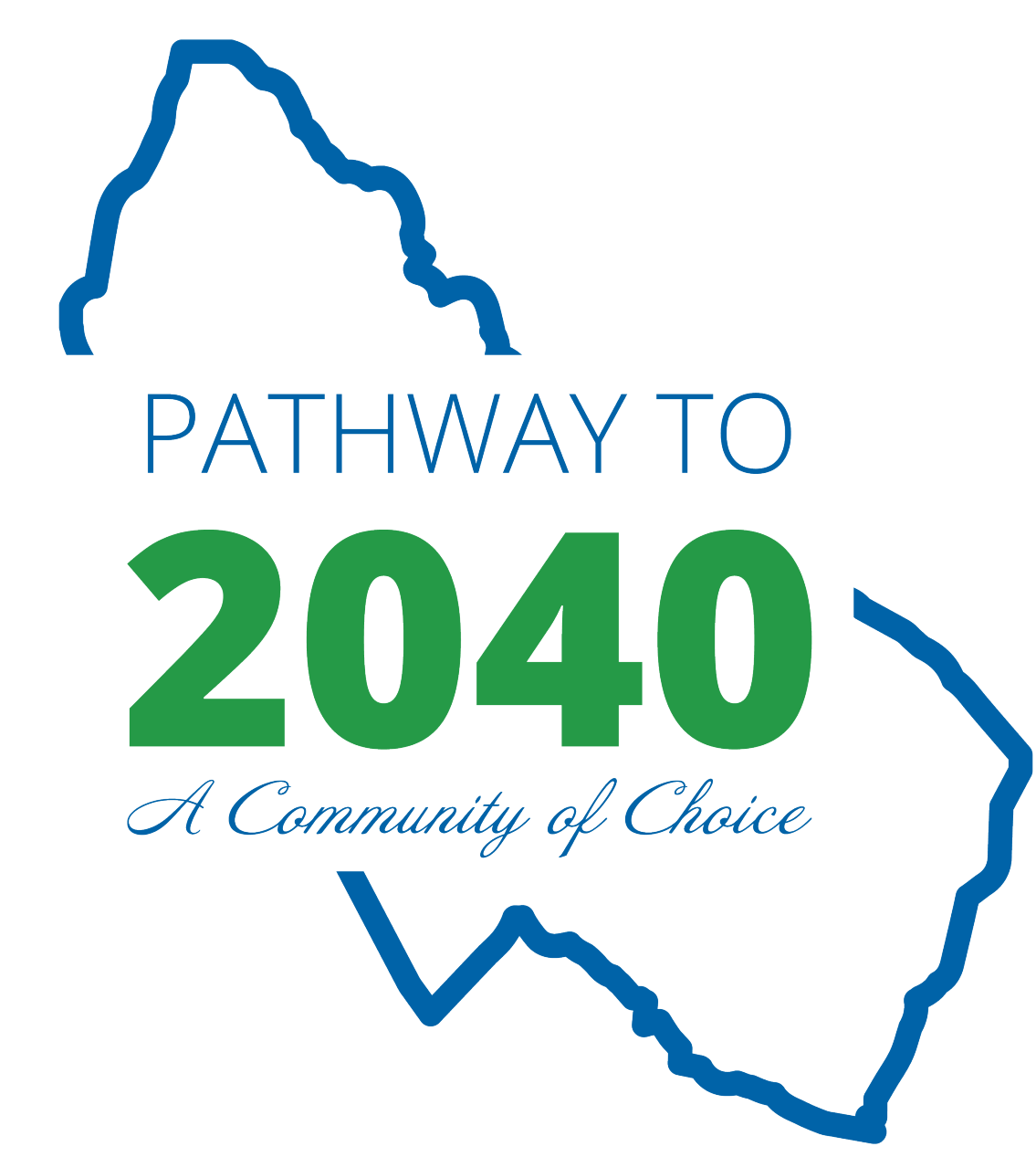
5 RESIDENTIAL CLUSTERS

Residential Clusters are areas of residential uses characterized by compact development patterns and their proximity to water and sewer infrastructure and existing residential neighborhoods. By concentrating development on smaller footprints, Residential Clusters incentivize conservation of surrounding natural resources, cultural resources, and open space.

PLACETYPES AROUND THE COUNTY



LAND USE ACTIVITY CENTERS



DEFINITION

Activity Centers are compact nodes within the County, which consists of localized centers of activity and density. A key characteristic of the Activity Centers is a mixture of land uses that accommodates future growth. They are served by existing or future transit (although in low-intensity centers this may not be possible).

GENERAL POLICIES

- Encourage growth in districts and activity centers through the development of planned communities that provide a variety of residential options, public facilities, goods and services, open space, cultural and recreational opportunities, multi-modal transportation options, and employment opportunities.
- Promote a mix of complementary land uses within activity centers and redevelopment corridors which builds synergies between established development and future growth.
- Encourage the creation of distinct identities in activity centers and redevelopment corridors through the implementation of community design principles, connectivity concepts, and land use.
- Ensure appropriate land use transitions that are respectful to the scale and intensity of existing development patterns within and immediately adjacent to centers and corridors.
- Identify, protect, and preserve cultural, historic, and environmental resources within activity centers and redevelopment corridors.

PRECEDENT IMAGES

These images illustrate the typical form, character, potential building types, and open spaces of the activity centers.



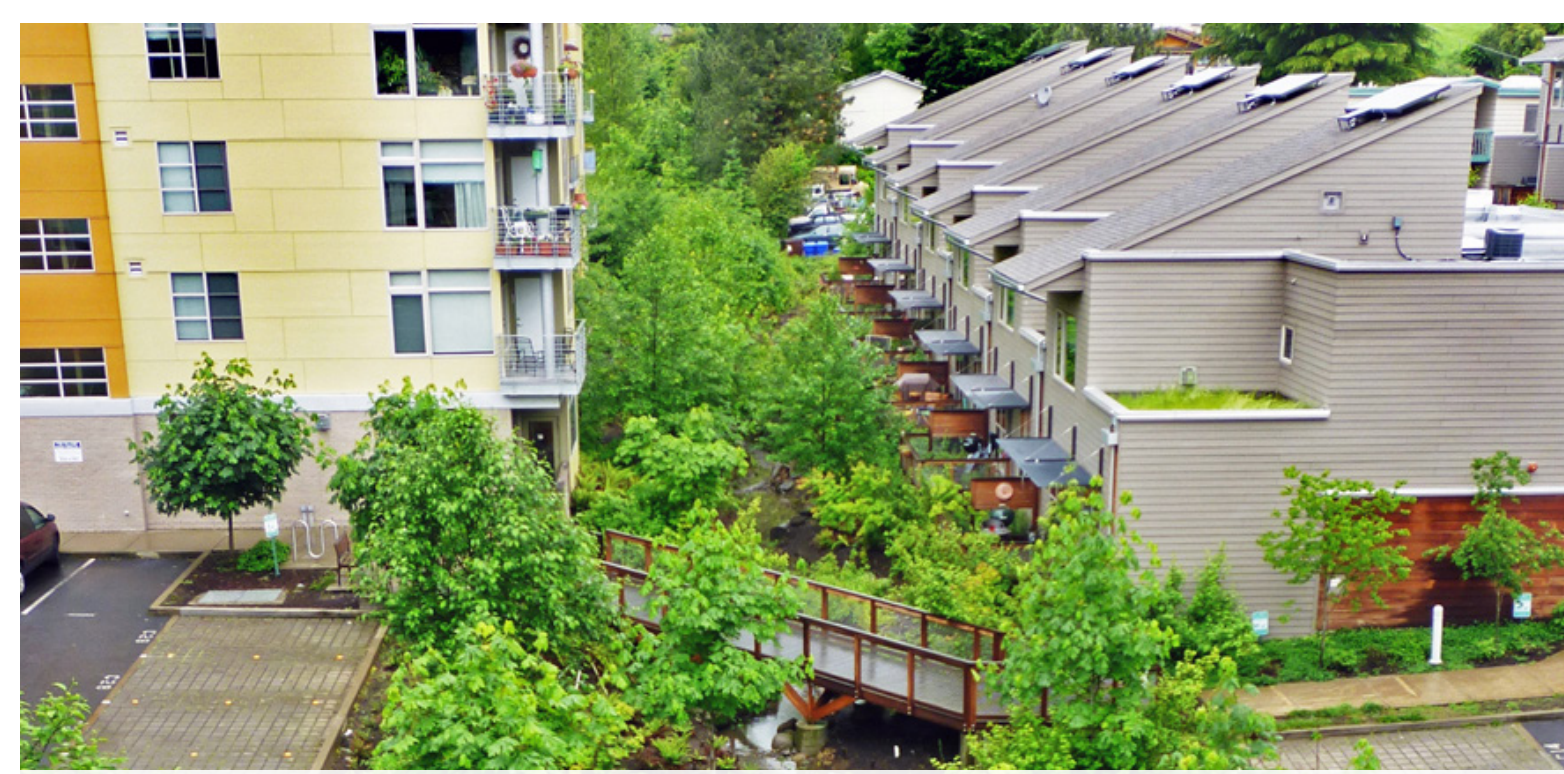
Mix of uses including commercial/retail, office, residential, and public spaces



Diversity of uses with activated public spaces creates a local identity



Appropriately-scaled development



Protection and integration of environmental features within development



Activated sidewalk areas

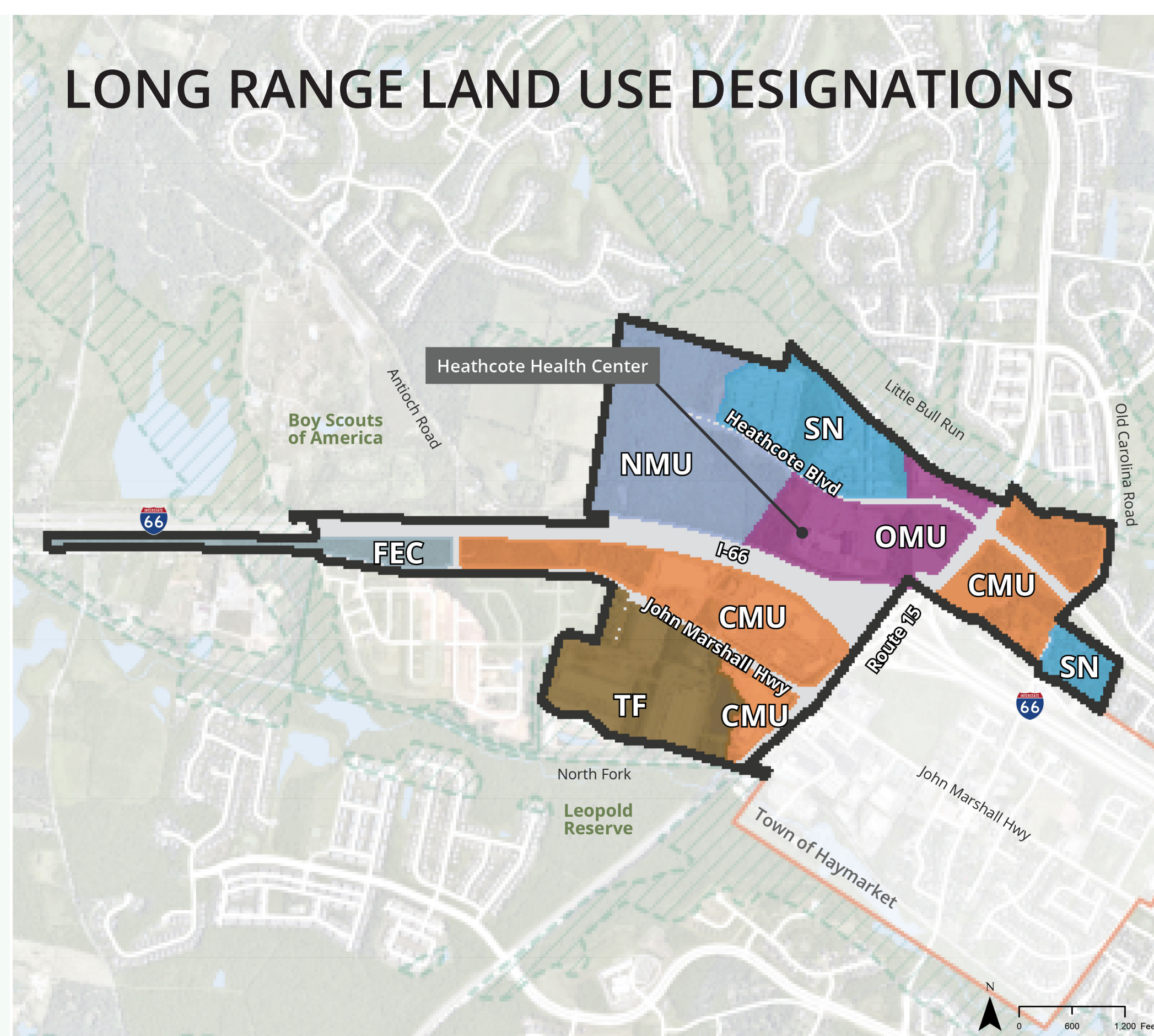


Range of housing options in diverse community settings

HAYMARKET

VISION

Create an identifiable employment and commercial node for the Haymarket area that will be supported by multimodal connections and diverse housing options.



LEGEND

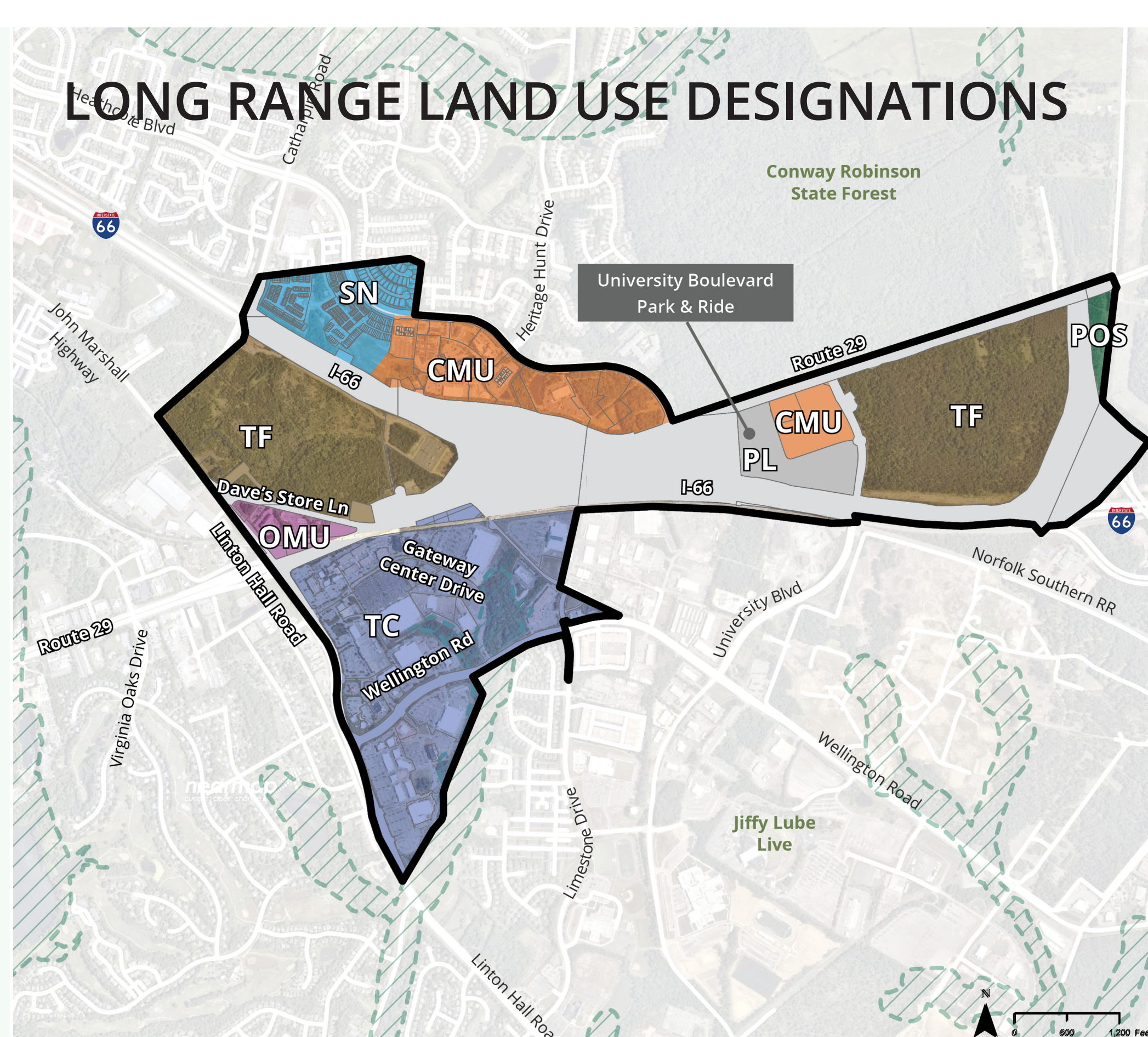
- OFFICE MIXED USE (OMU)
- COMMUNITY MIXED USE (CMU)
- NEIGHBORHOOD MIXED USE (NMU)
- SUBURBAN NEIGHBORHOOD (SN)
- TECHNOLOGY FLEX (TF)
- FLEXIBLE EMPLOYMENT CENTER (FEC)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY



I-66 & ROUTE 29

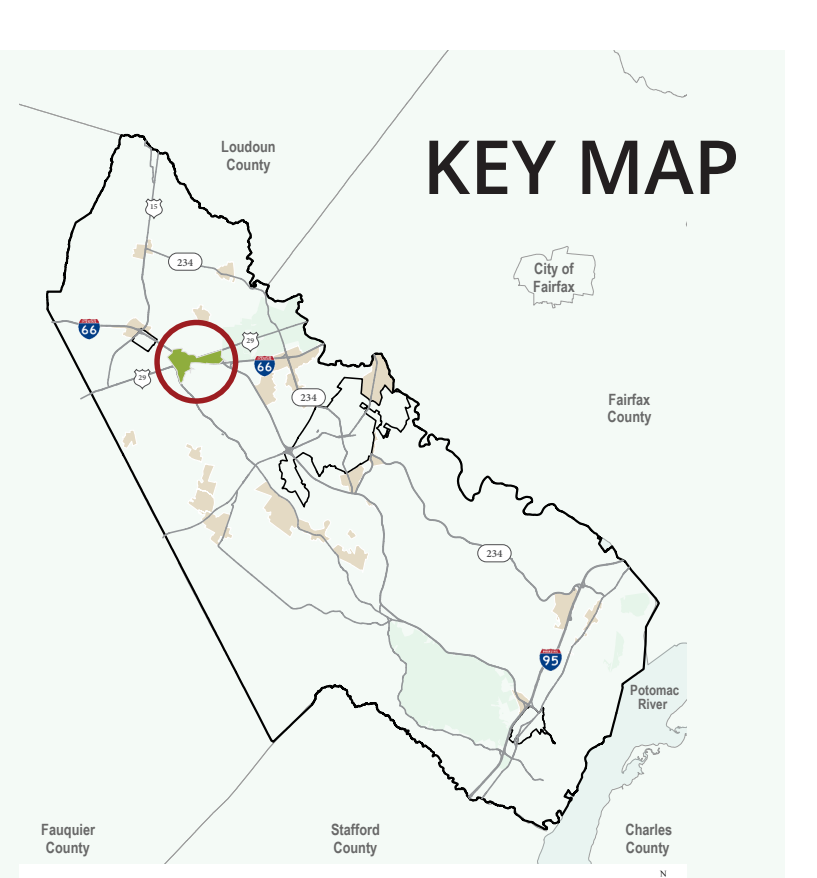
VISION

Establish the I-66 & Route 29 area as a major gateway into the County from the west while creating a distinguished 'place' that accommodates commerce, employment, and housing.



LEGEND

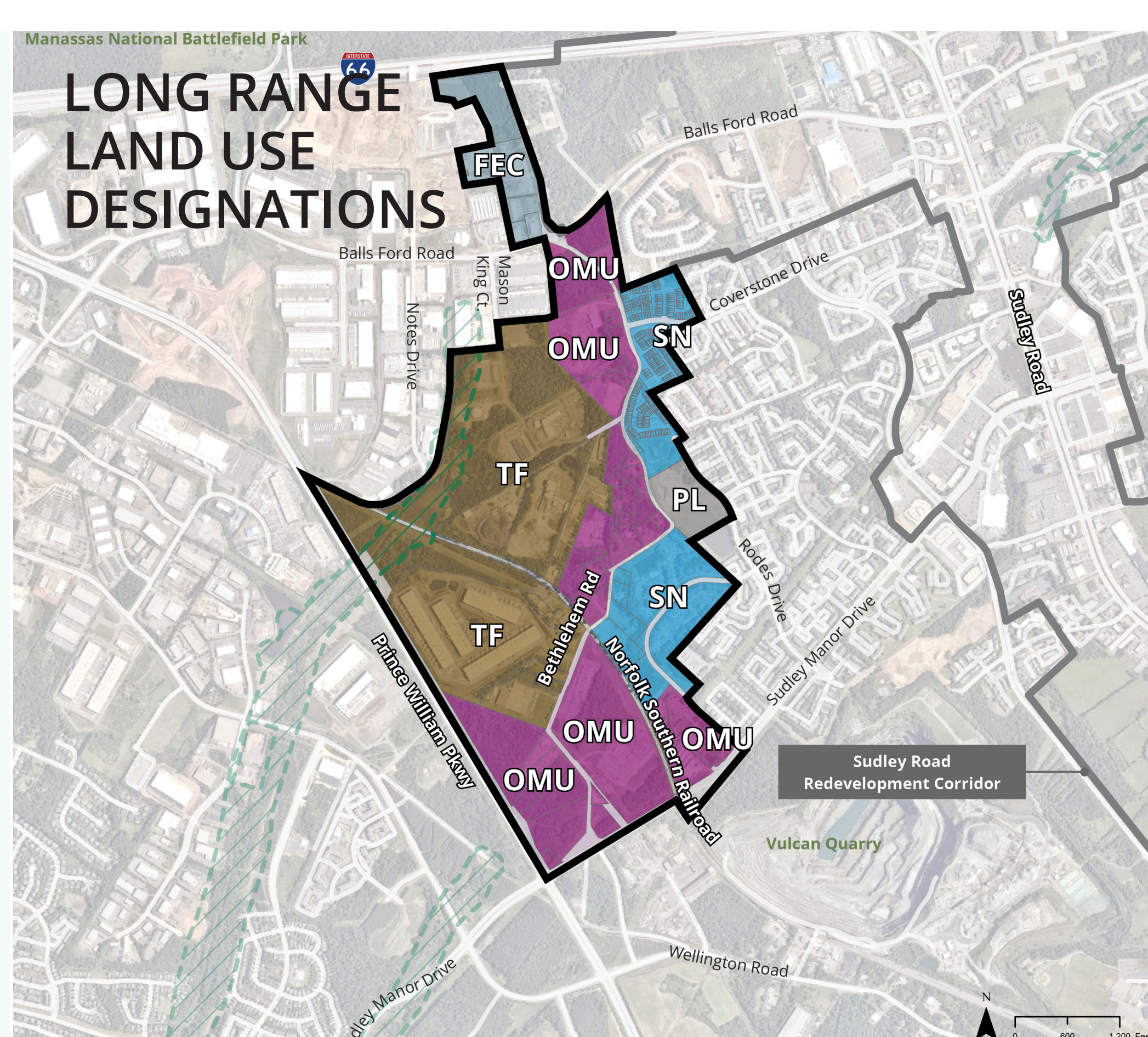
- TOWN CENTER (TC)
- OFFICE MIXED USE (OMU)
- COMMUNITY MIXED USE (CMU)
- NEIGHBORHOOD MIXED USE (NMU)
- SUBURBAN NEIGHBORHOOD (SN)
- TECHNOLOGY FLEX (TF)
- PUBLIC LAND (PL)
- PARKS & OPEN SPACE (POS)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY



BETHLEHEM ROAD

VISION

Bethlehem Road will accommodate a range of employment-based and residential uses. Land uses will evolve to ensure sensitive transitions between residential and non-residential uses, while improving access and connectivity.

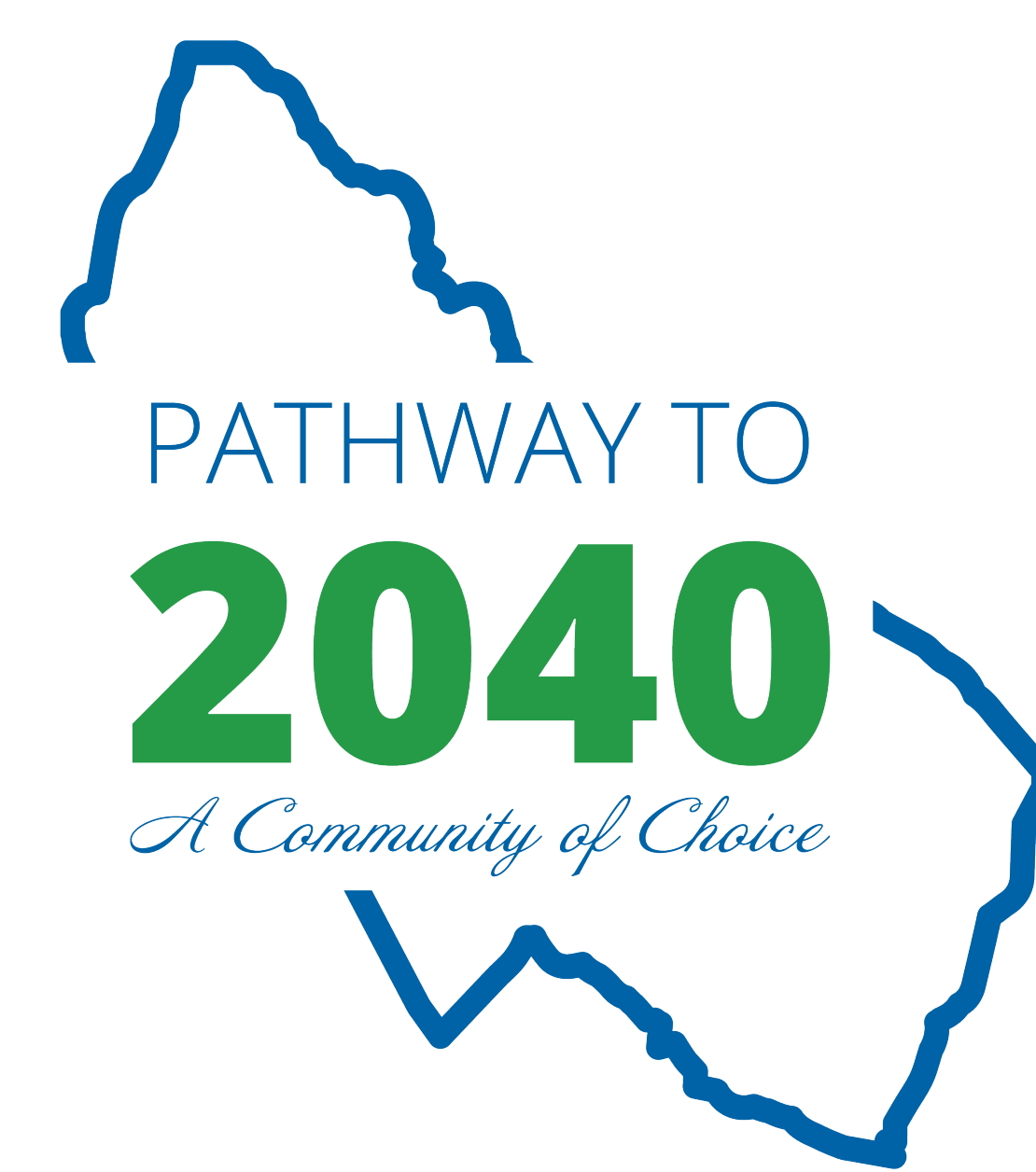


LEGEND

- OFFICE MIXED USE (OMU)
- SUBURBAN NEIGHBORHOOD (SN)
- TECHNOLOGY FLEX (TF)
- FLEXIBLE EMPLOYMENT CENTER (FEC)
- PUBLIC LAND (PL)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY



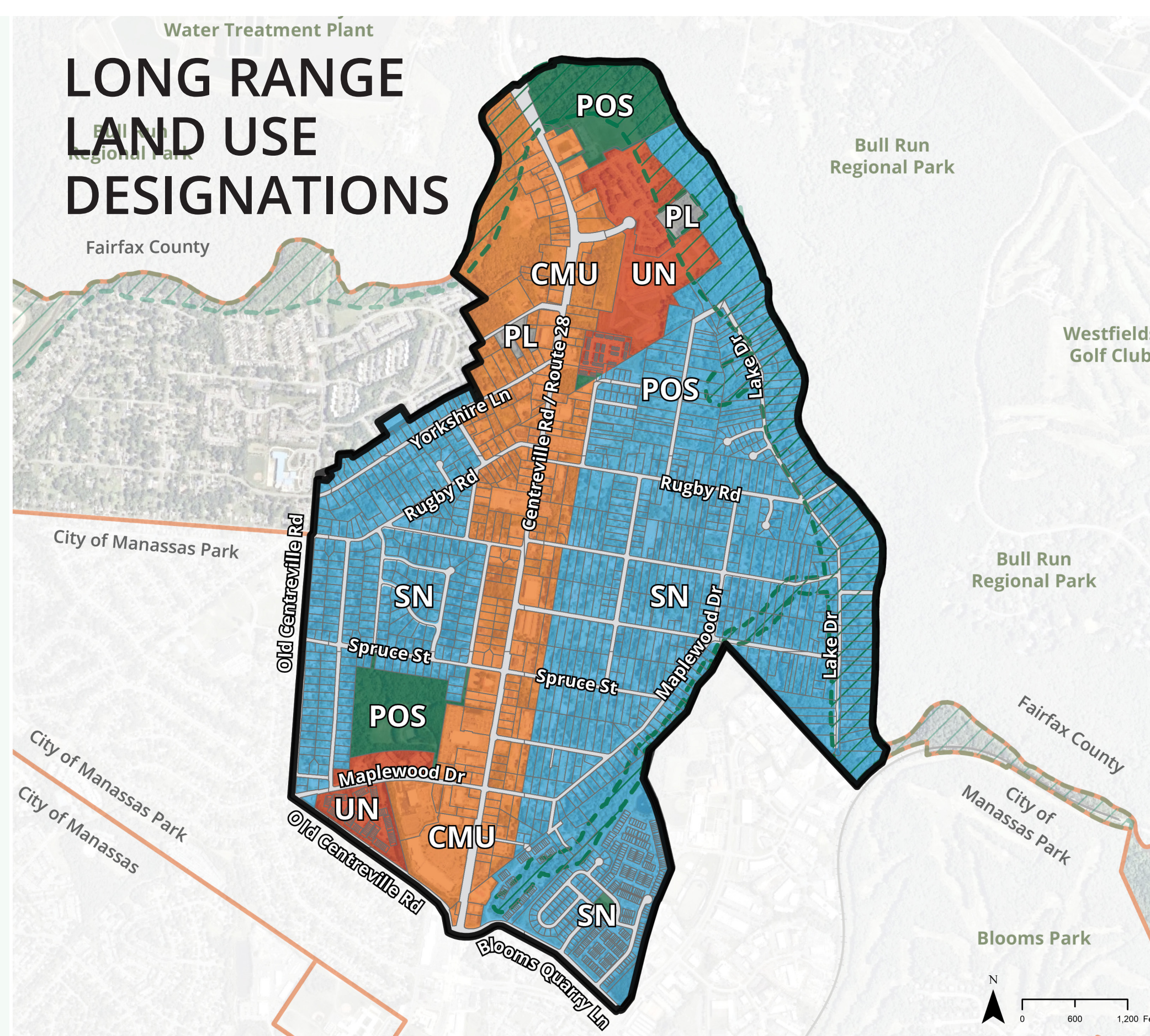
LAND USE ACTIVITY CENTERS (CONTINUED)



YORKSHIRE

VISION

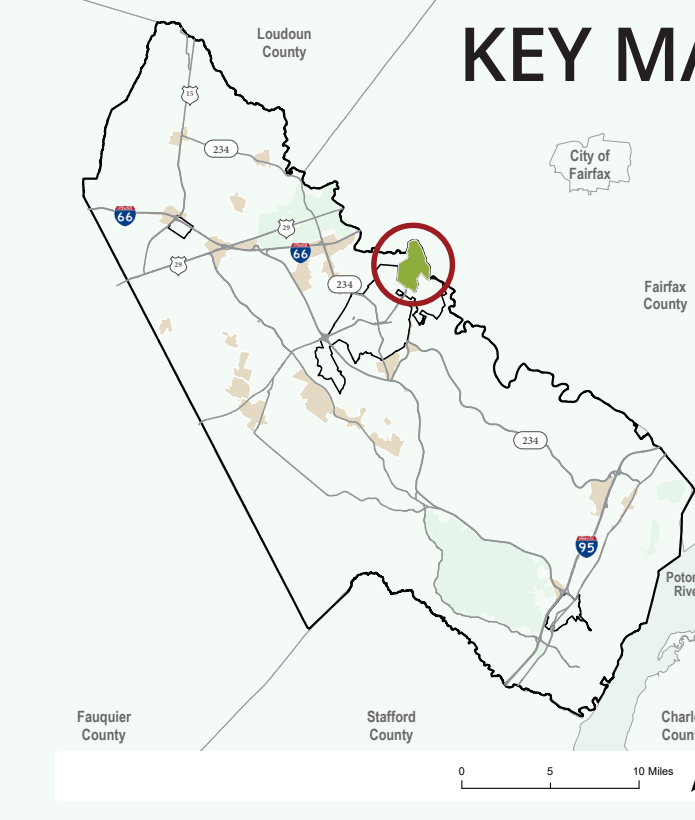
Through reinvestment and redevelopment, establish the Centreville Road / Route 28 as a mixed-use corridor and welcoming gateway into the county with a mix of commercial uses and infill housing. Balance land use changes with efforts to retain Yorkshire's diversity and unique character while preserving the area's affordability.



LEGEND

- COMMUNITY MIXED USE (CMU)
- URBAN NEIGHBORHOOD (UN)
- SUBURBAN NEIGHBORHOOD (SN)
- PUBLIC LAND (PL)
- PARKS & OPEN SPACE (POS)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY

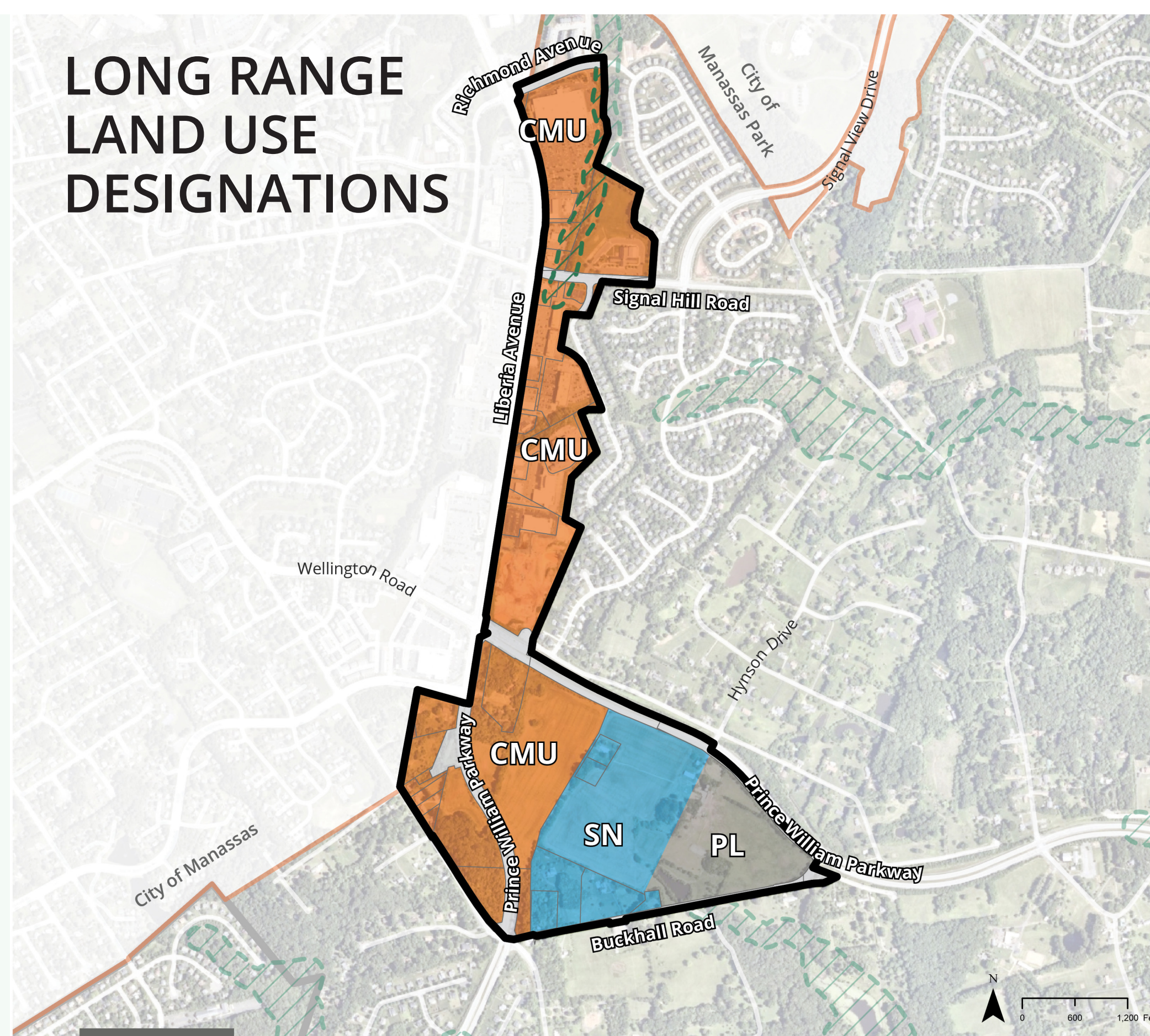
KEY MAP



LIBERIA AVENUE

VISION

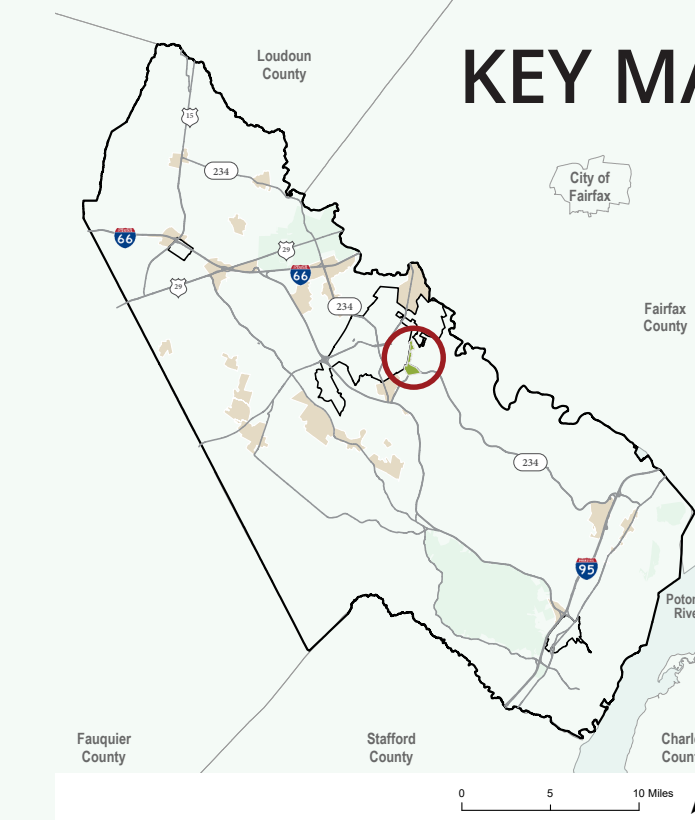
Transition the area to a more urban character that leverages the area's proximity to VRE stations by accommodating new housing and employment options as well as neighborhood-serving commercial uses and public facilities. Provide a range of housing types and mobility options in the area, while emphasizing integrated multimodal connections that reduce the need for automobiles for local trips.



LEGEND

- COMMUNITY MIXED USE (CMU)
- SUBURBAN NEIGHBORHOOD (SN)
- PUBLIC LAND (PL)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY

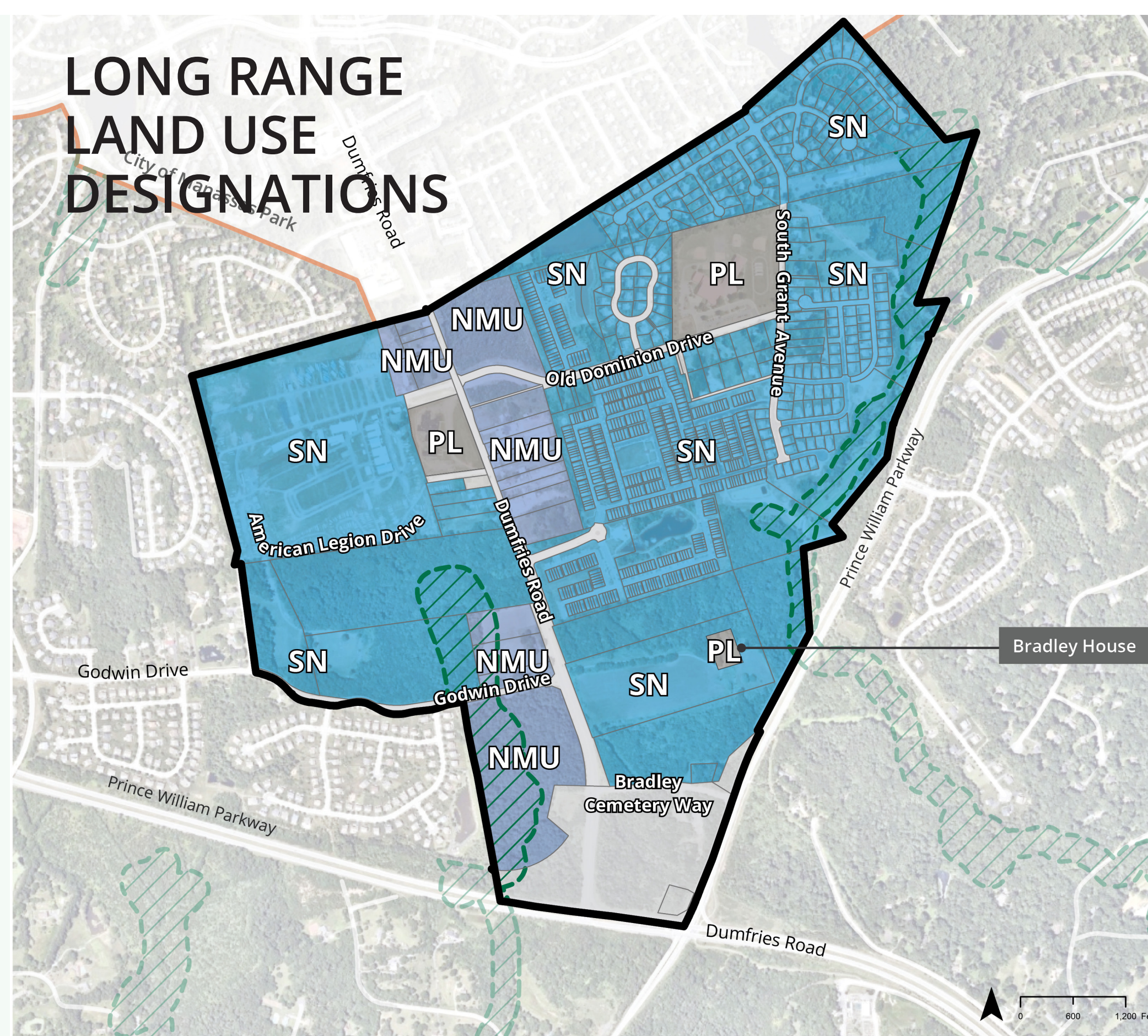
KEY MAP



FAIRGROUNDS

VISION

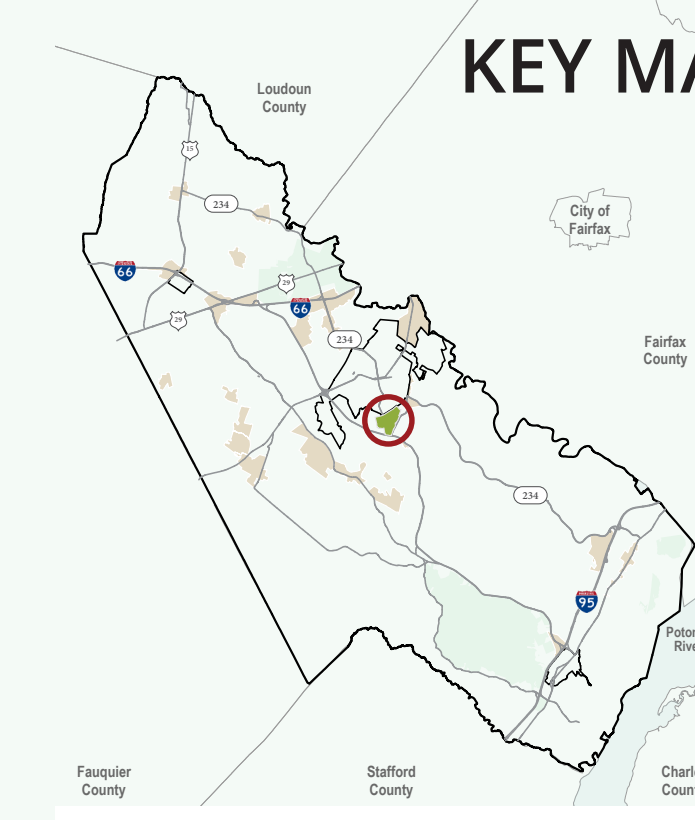
Create a cohesive and connected residential mixed-use neighborhood with a range of housing options. Establish a network of accessible open spaces and community gathering places that preserves and restores existing natural and cultural resources, while integrating such open space amenities within existing and new developments.



LEGEND

- NEIGHBORHOOD MIXED USE (NMU)
- SUBURBAN NEIGHBORHOOD (SN)
- PUBLIC LAND (PL)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY

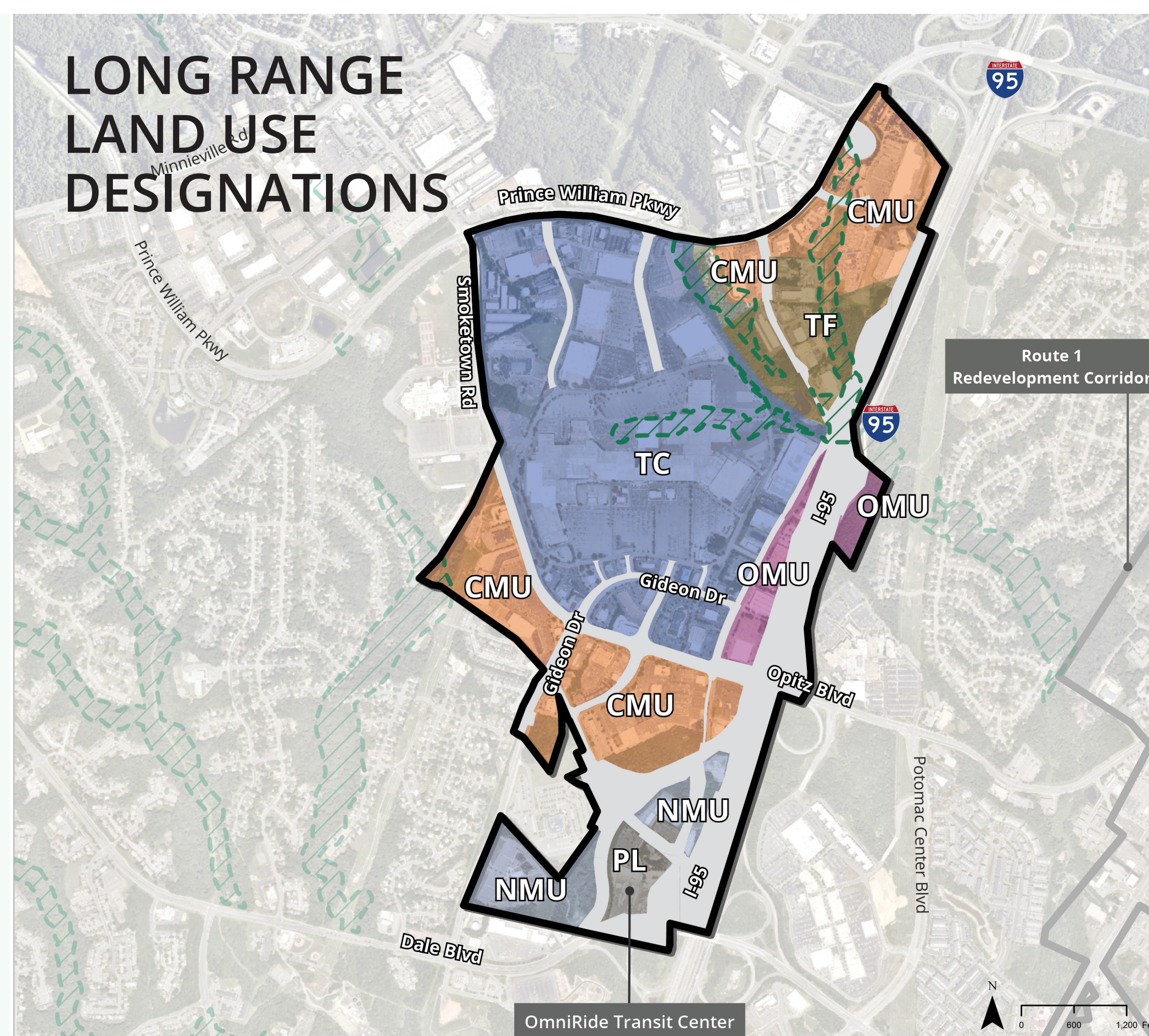
KEY MAP



POTOMAC MILLS

VISION

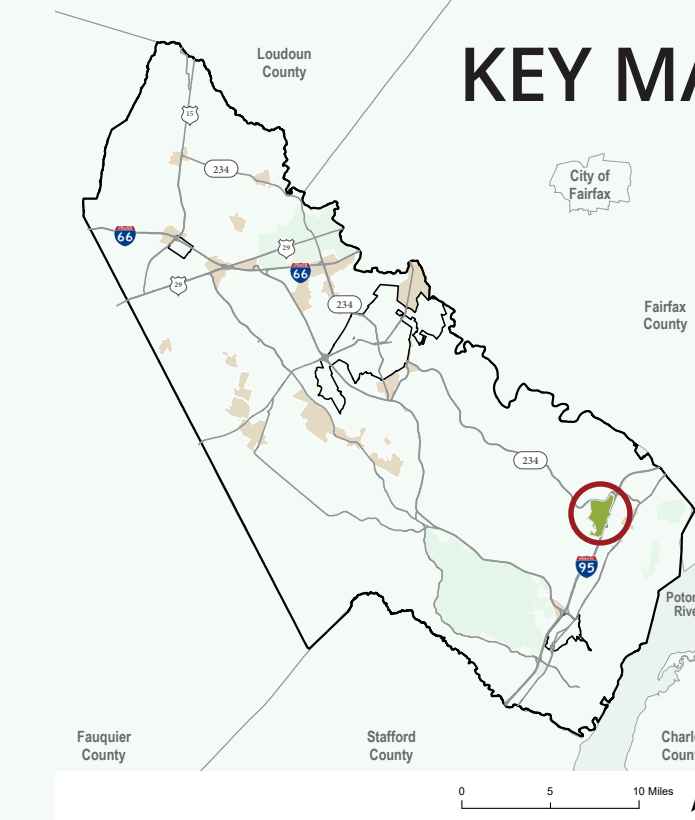
Establish the Potomac Mills area as Prince William County's urbanized center by transitioning the area into a cohesive compact, walkable, mixed-use, and transit-oriented district.



LEGEND

- TOWN CENTER (TC)
- OFFICE MIXED USE (OMU)
- COMMUNITY MIXED USE (CMU)
- NEIGHBORHOOD MIXED USE (NMU)
- TECHNOLOGY FLEX (TF)
- PUBLIC LAND (PL)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY

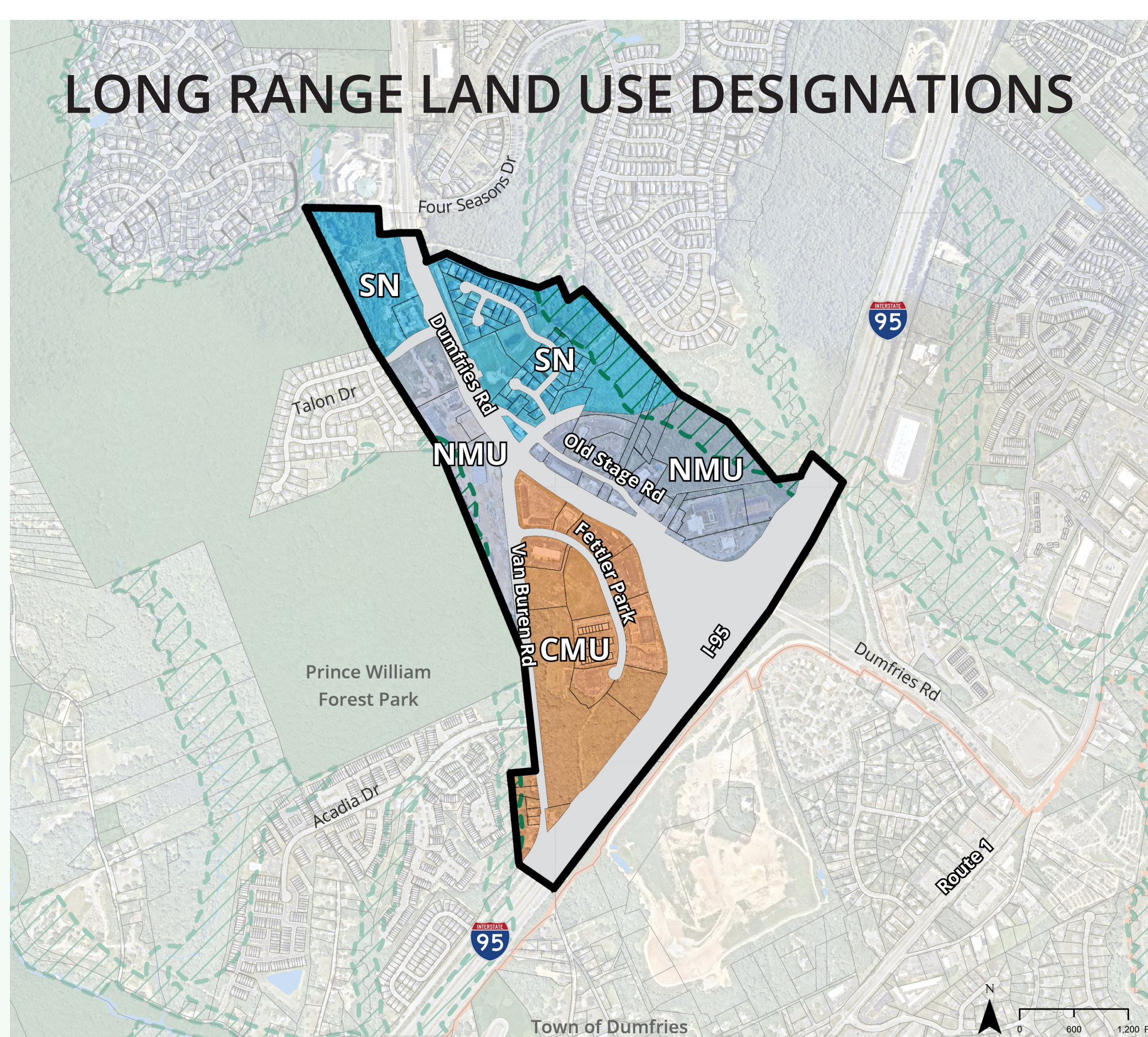
KEY MAP



DUMFRIES

VISION

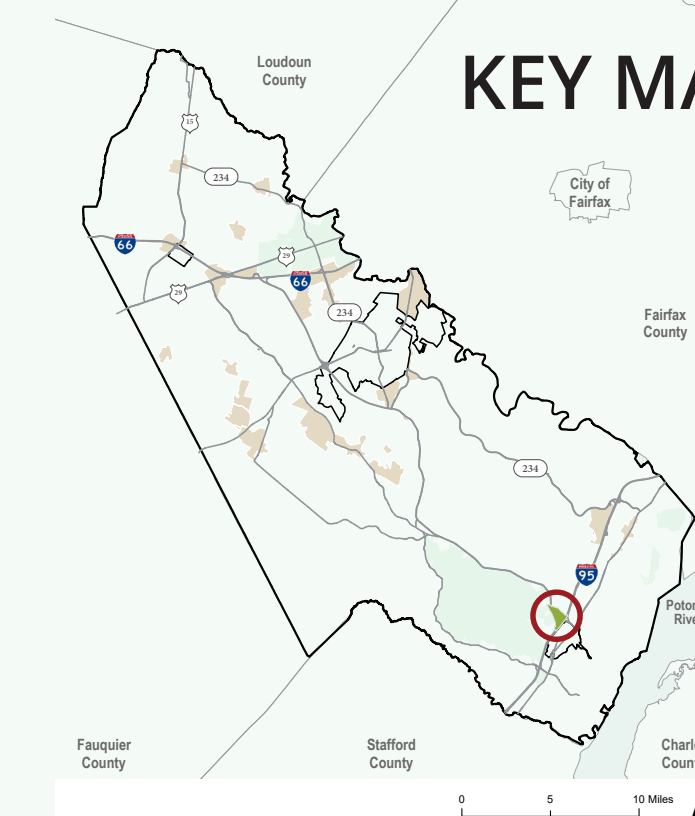
Fulfill the area's potential as a place to live and visit, leveraging its strategic location adjacent to I-95 and near the Town of Dumfries.



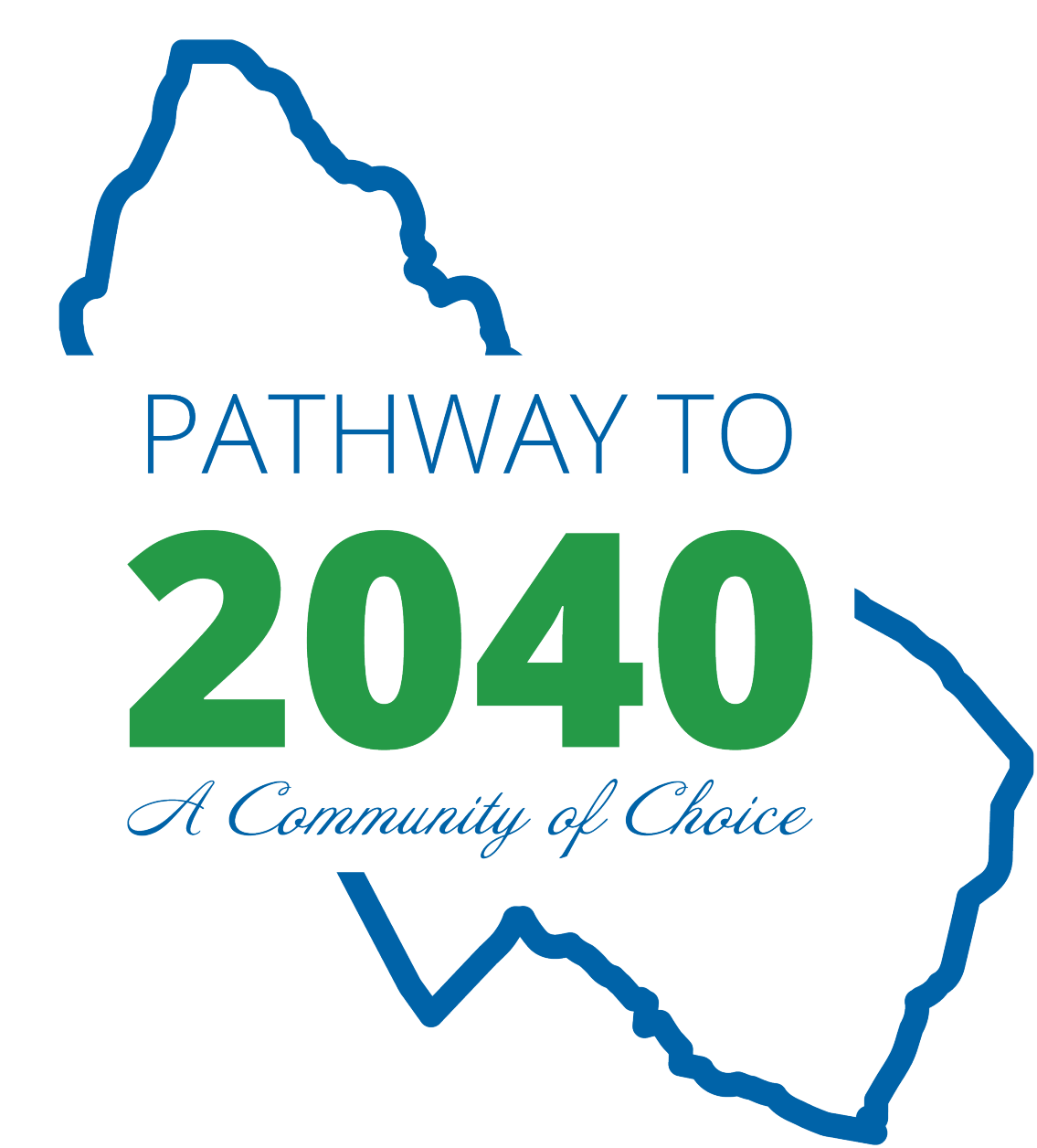
LEGEND

- COMMUNITY MIXED USE (CMU)
- NEIGHBORHOOD MIXED USE (NMU)
- SUBURBAN NEIGHBORHOOD (SN)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY

KEY MAP



LAND USE REDEVELOPMENT CORRIDORS



DEFINITION

Redevelopment Corridors are geographic areas consisting of mature commercial neighborhoods in need for revitalization. They have moderate to high levels multimodal connectivity within the region's transportation system. Revitalization efforts will serve as a catalyst to promote and perpetuate economic viability of these corridors.

GENERAL POLICIES

- Redevelopment efforts will be encouraged in geographic areas consisting of older commercial corridors. These areas should be identified as a priority for planning and investment strategies that serve as a catalyst to promote and perpetuate economic viability.
- Promote a mix of complementary land uses within activity centers and redevelopment corridors which builds synergies between established development and future growth.
- Encourage the creation of distinct identities in activity centers and redevelopment corridors through the implementation of community design principles, connectivity concepts, and land use.
- Ensure appropriate land use transitions that are respectful to the scale and intensity of existing development patterns within and immediately adjacent to centers and corridors.
- Identify, protect, and preserve cultural, historic, and environmental resources within activity centers and redevelopment corridors.

PRECEDENT IMAGES

These images illustrate the typical form, character, potential building types, and open spaces of the redevelopment corridors.



Revitalized and redeveloped commercial spaces



Appropriately-scaled development and building form transition



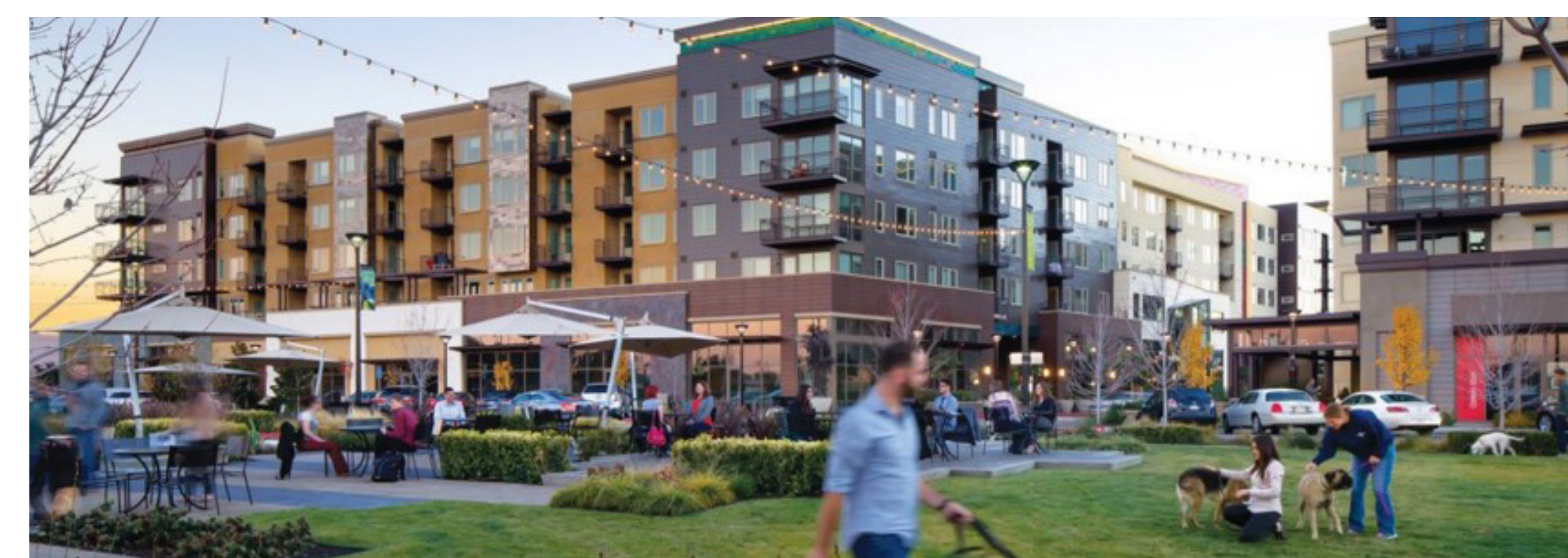
Diversity of uses and activated public spaces



Pedestrian and bicycle amenities



Protection and integration of natural resource areas within development



Mix of uses including commercial, residential and public spaces

SUDLEY ROAD

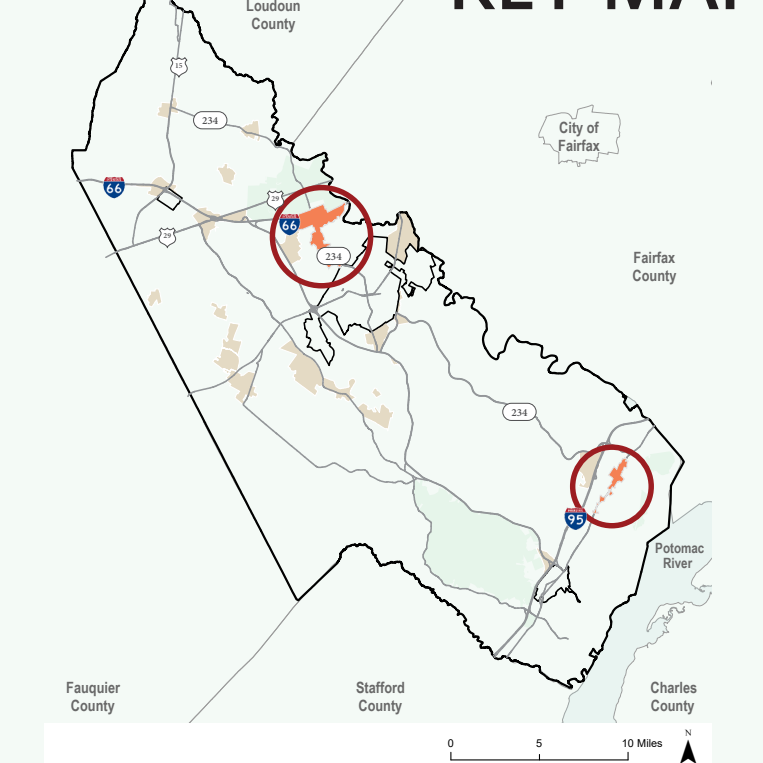
VISION

Leveraging the many cultural, historic, and natural resources surrounding it, Sudley Road will evolve into a mixed-use corridor offering new housing options, neighborhood-serving commercial uses, and hospitality amenities in a compact, pedestrian-oriented form. The corridor will serve as an attractive gateway into the county from the Manassas National Battlefield Park and the City of Manassas.

LEGEND (FOR THE MAPS BELOW)

- COMMUNITY MIXED USE (CMU)
- NEIGHBORHOOD MIXED USE (NMU)
- OFFICE MIXED USE (OMU)
- URBAN NEIGHBORHOOD (UN)
- TECHNOLOGY FLEX (TF)
- PARKS & OPEN SPACE (POS)
- RIGHT-OF-WAY (ROW)
- ENVIRONMENTAL RESOURCE (ER)
- STUDY AREA BOUNDARY

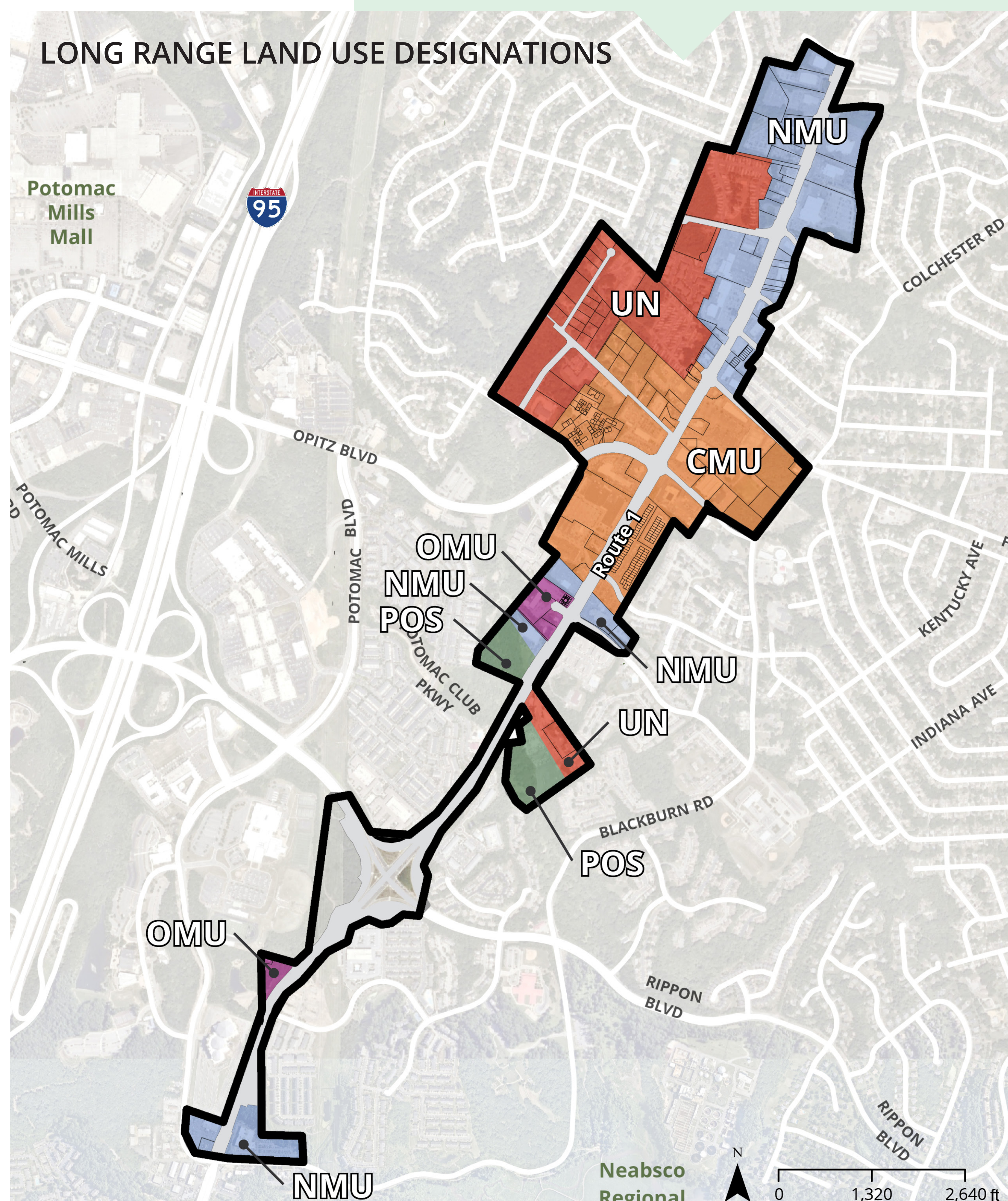
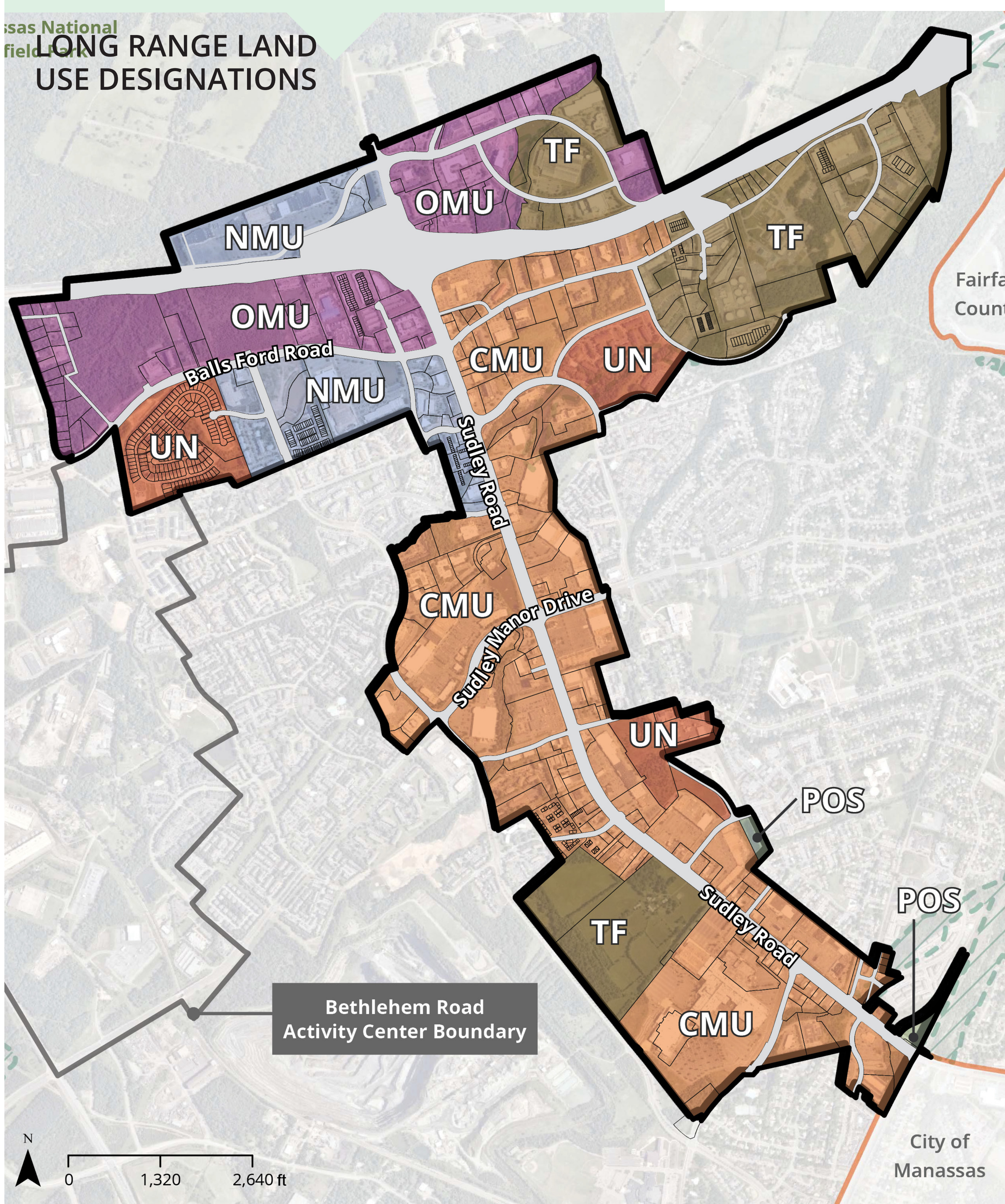
KEY MAP



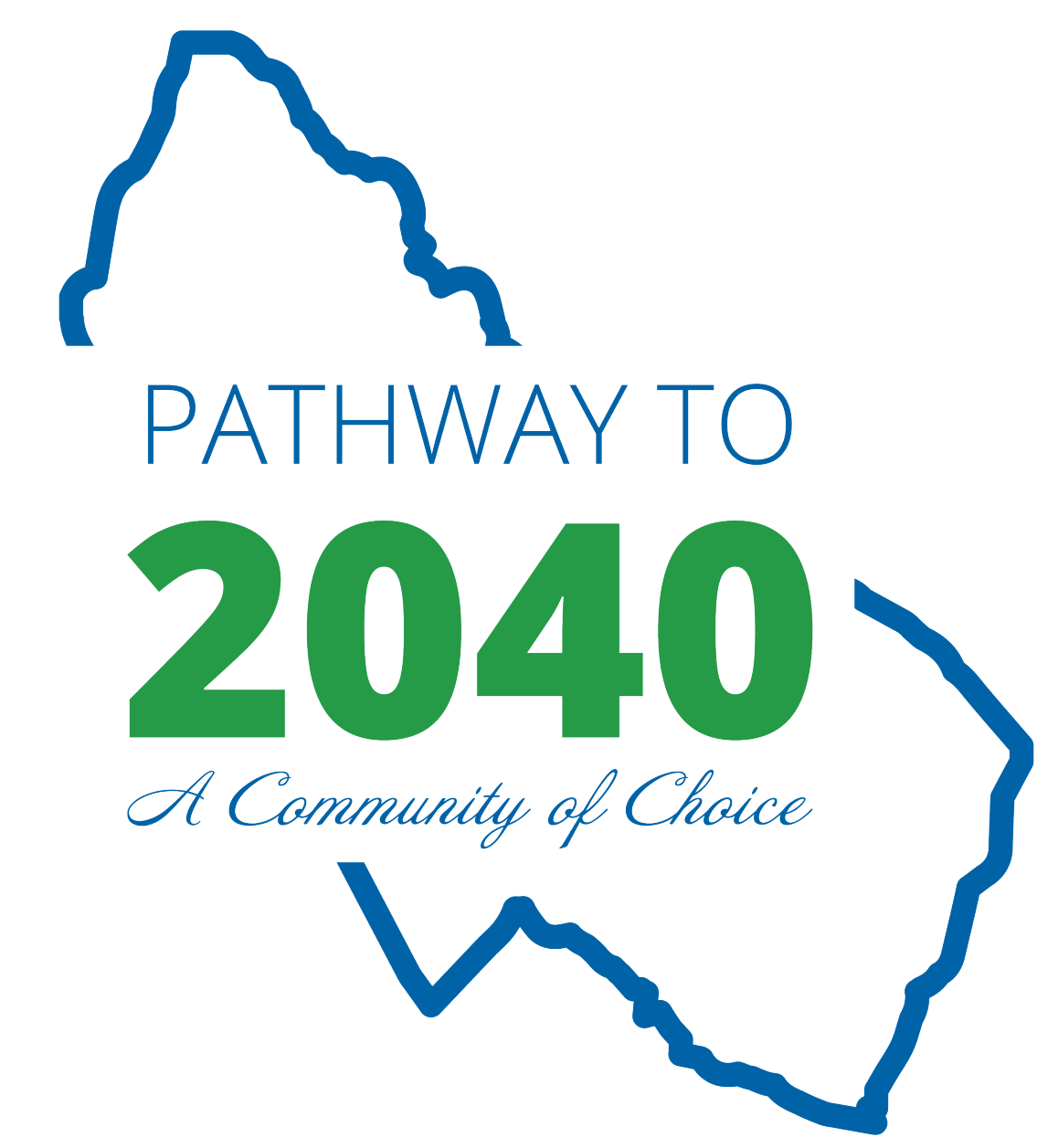
ROUTE 1

VISION

Route 1 will transition to a walkable and well-connected corridor with a compact development pattern and an integrated mix of uses. Through redevelopment of existing strip commercial and auto-oriented uses, the corridor will gain a variety of housing options and neighborhood-serving commercial uses, while preserving the area's diversity and ensuring its long-term affordability.



LAND USE VILLAGES AND HAMLETS



VILLAGES

DEFINITION

- Compact area with a mix of uses (including residential, commercial, civic/institutional, and potentially other land uses)
- Serves as a focal point for the surrounding rural area
- Accommodates a limited amount of future growth that is contained within its boundaries
- Encompasses an area that is approximately a 1/3-mile radius (4-5 blocks) around a central crossroads

PRECEDENT IMAGES - VILLAGES

The images below illustrate the typical form, character, potential building types, streets and public spaces, as well as open spaces of the villages.



HAMLETS

DEFINITION

- Compact area with a limited mix of uses (e.g., small-footprint retail, civic/governmental, residential, recreational)
- Serves as a focal point for the surrounding rural area
- Often builds on historical core with a small-scale mix of uses at a central crossroads
- Encompasses an area that is approximately a 1/6-mile radius around the central crossroads
- Hamlets have some potential for change and can accommodate limited growth in the future

PRECEDENT IMAGES - HAMLETS

The images below illustrate the typical form, character, potential building types, streets and public spaces, as well as open spaces of the hamlets.



GENERAL POLICIES - VILLAGES AND HAMLETS

Encourage the development of Villages and Hamlets defined by compact development patterns, a mix of uses, and distinct identities that are compatible with the scale and character of the surrounding rural landscape.

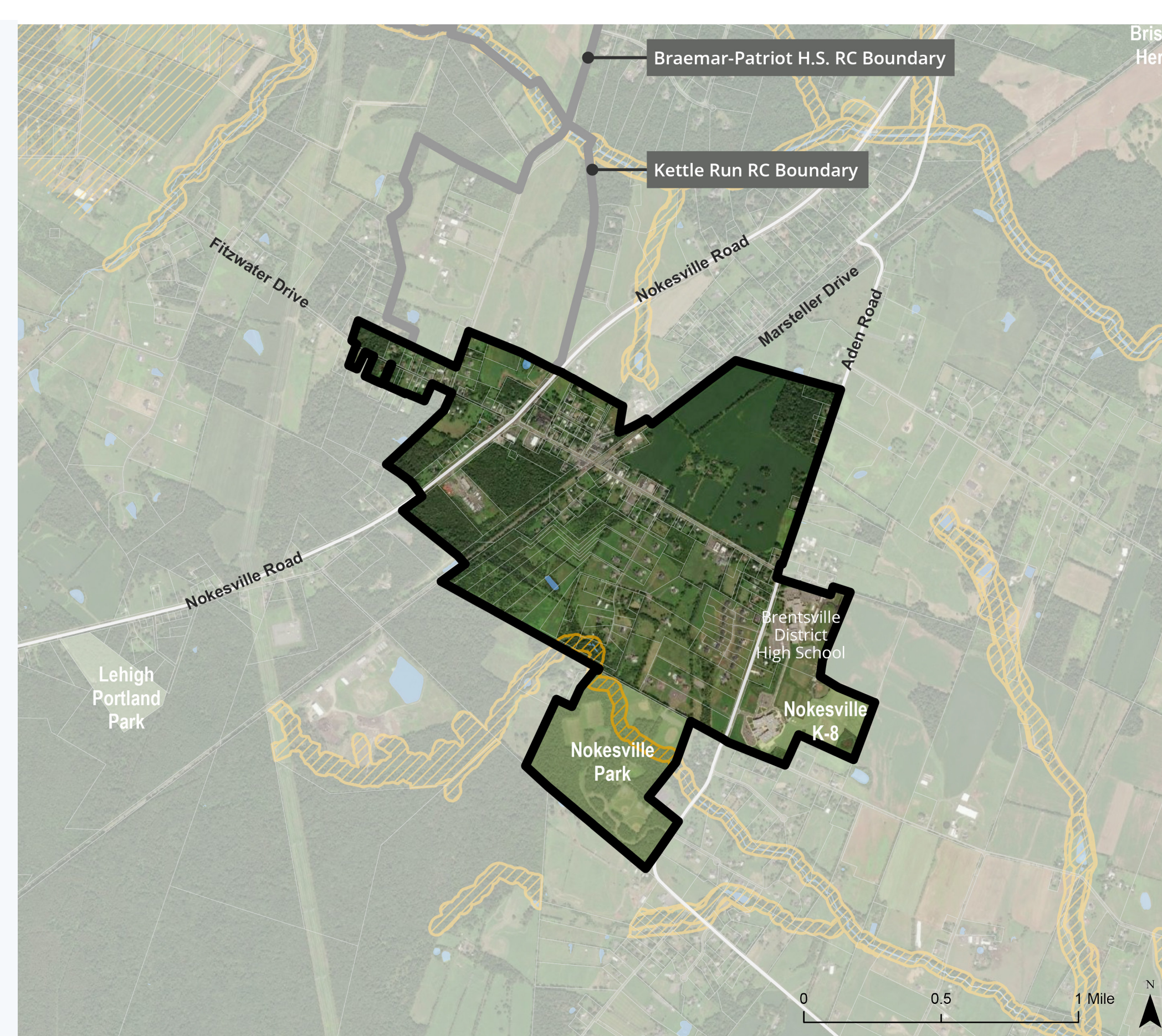
- Encourage a **mix of land uses** within each Village and Hamlet at a scale and intensity that **complements the rural character**.
- Encourage **compact development patterns** by clustering of buildings on small lots.
- **Protect and enhance the visual character of the rural landscape** by maintaining significant view sheds within, looking out from, and looking toward Villages and Hamlets.
- Encourage the siting and orientation of buildings close to and facing roadways to foster a **human-scale, pedestrian-oriented character**.

- Encourage the creation of a **connected network of open spaces** in and around Villages and Hamlets, including spaces for community gatherings and events (such as farmer's markets).
- Create a **connected network of streets, sidewalks, trails and pathways** that connect homes, destinations, and open spaces.
- **Promote and celebrate rural history** by encouraging the preservation and/or adaptive reuse of historic structures and landscapes.

NOKESVILLE VILLAGE

GENERAL CONSIDERATIONS

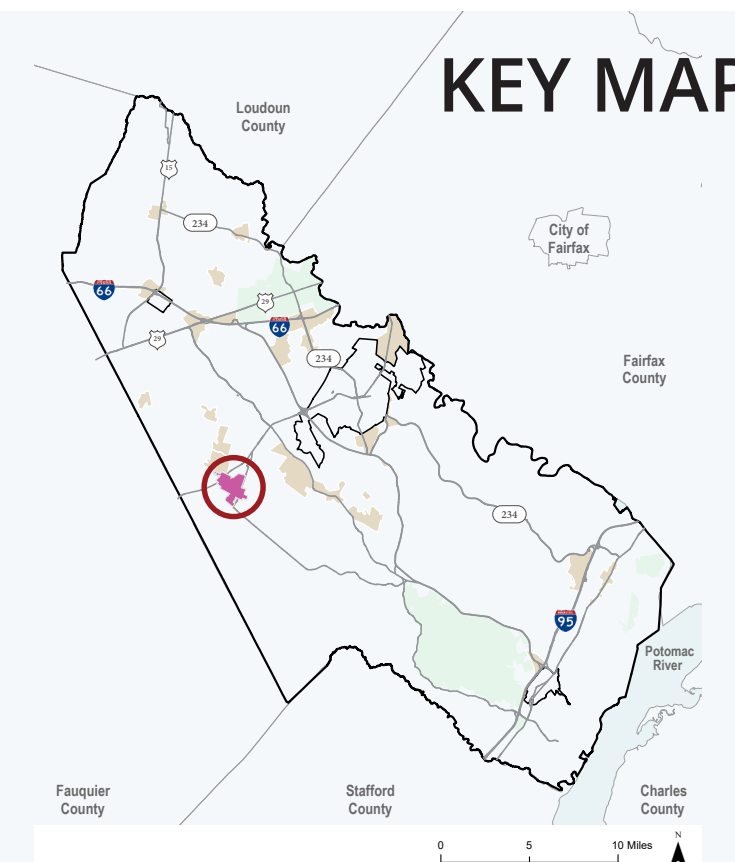
- Existing historic/mixed-use center with established identity and character
- The county's most complete Village with many contributing elements (e.g., schools, commercial, residential, institutional, etc.)
- Area includes existing sewer service and is planned for future water service
- Opportunity for infill development within existing sector plan boundaries
- Opportunity to incorporate existing community facilities and sewer infrastructure adjacent to existing sector plan boundaries
- Potential opportunities for higher-intensity residential in the village core



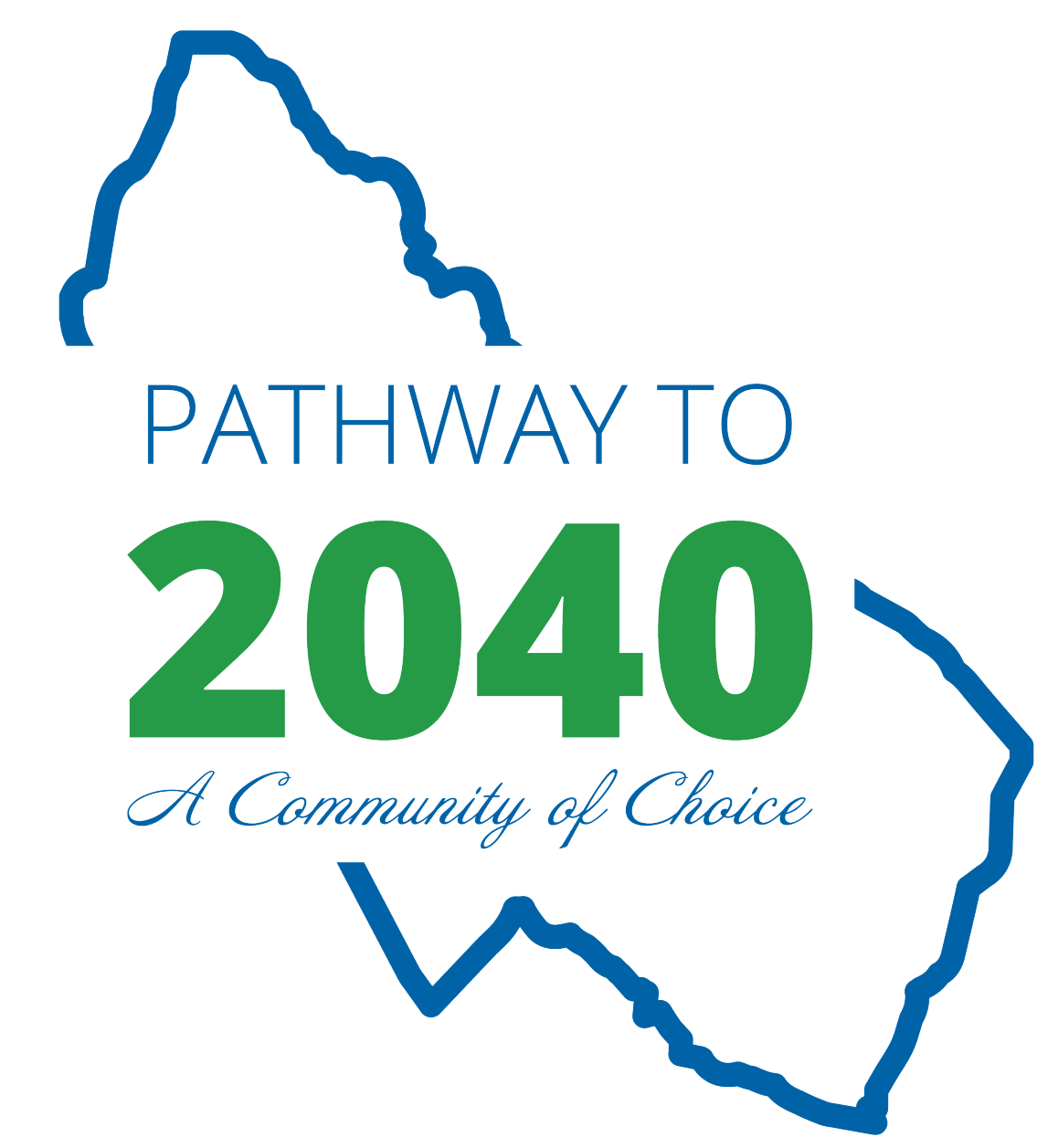
LEGEND

- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- PRINCE WILLIAM COUNTY BOUNDARY
- RAILROADS
- ▭ PARCELS
- ▨ RESOURCE PROTECTION AREAS
- HYDROLOGICAL FEATURES
- PARKS

KEY MAP



LAND USE HAMLETS (CONTINUED)



LAKE JACKSON HAMLET

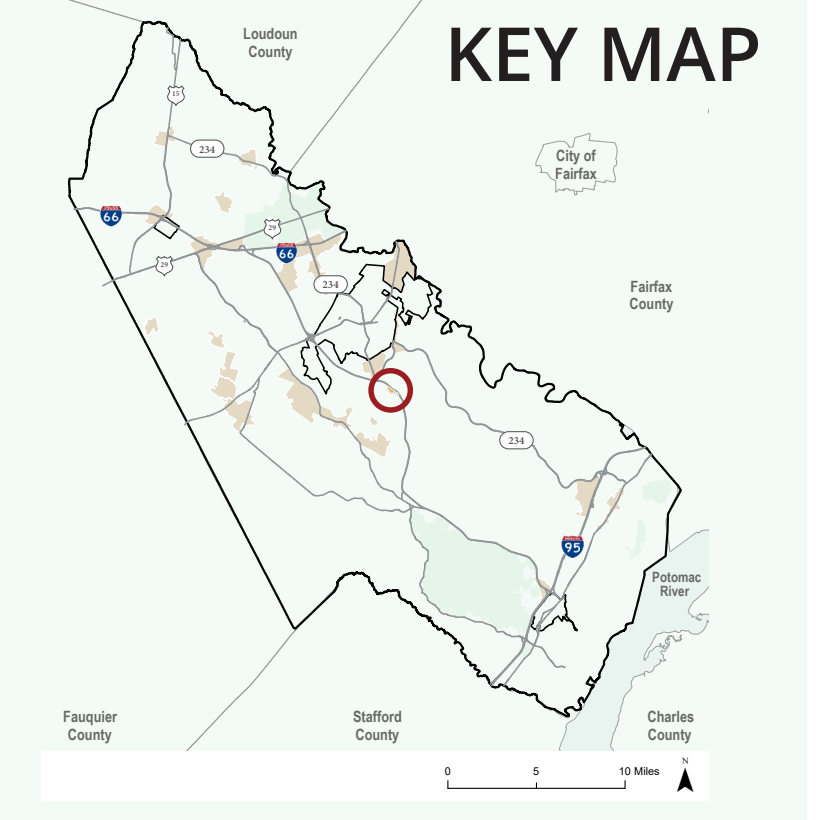
GENERAL CONSIDERATIONS

- Area located along Dumfries Road near Fairgrounds Activity Center
- Area includes existing commercial uses and properties zoned B-1 (Business) and offers some redevelopment potential
- Opportunity to support, complement, and serve existing residential uses in immediate vicinity
- Other points of interest in the area include Lake Jackson Volunteer Fire Department and Occoquan trailhead/river access



LEGEND

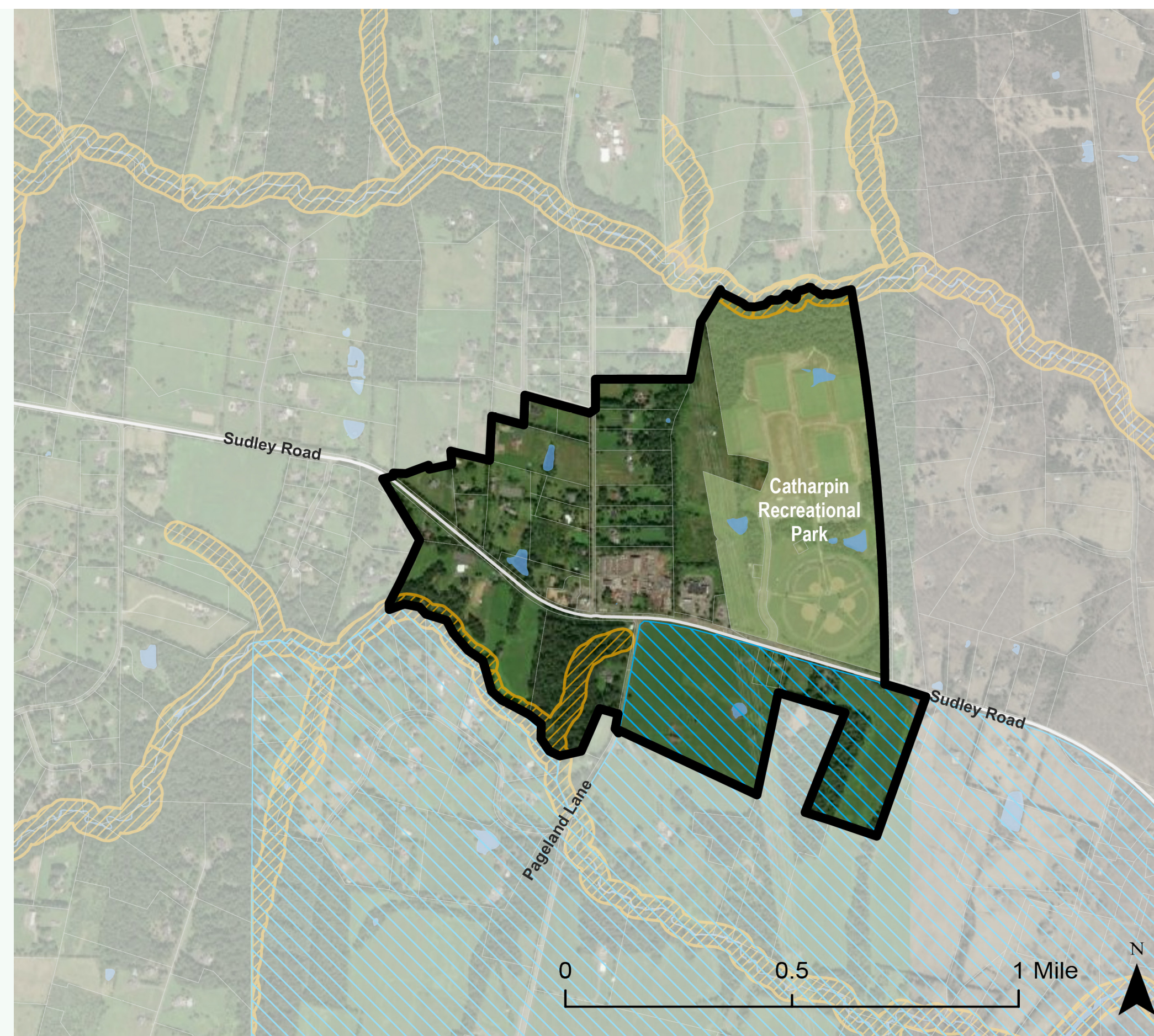
- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- HISTORIC SENSITIVITY AREAS
- PARCELS
- RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



CATHARPIN HAMLET

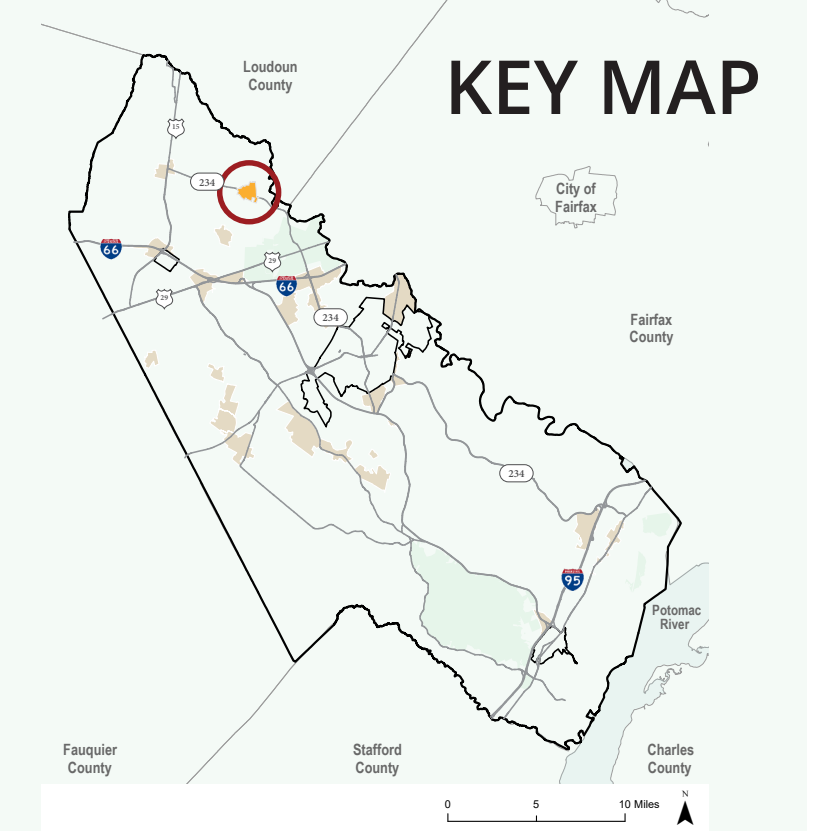
GENERAL CONSIDERATIONS

- Hamlet includes existing commercial sites at the intersection of Sudley Road and Pageland Lane
- Surrounding area has experienced recent residential development activity
- Area located near existing power line corridor
- Other points of interest in the area include the US Post Office, Catharpin Recreational Park, and the Four Hills Farm event venue



LEGEND

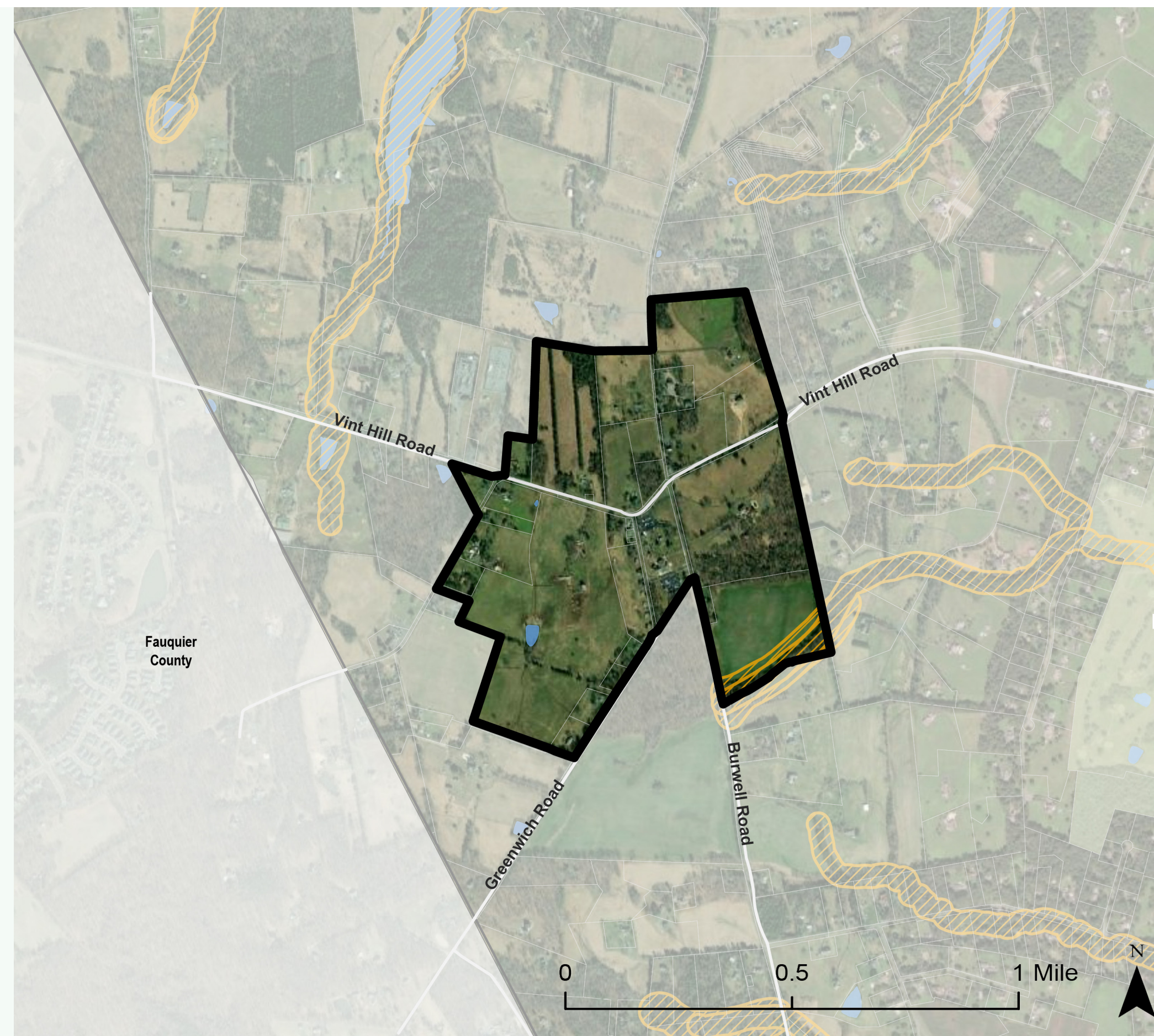
- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- DIGITAL GATEWAY CPA BOUNDARY
- PRINCE WILLIAM COUNTY BOUNDARY
- PARCELS
- RESOURCE PROTECTION AREAS
- HYDROLOGICAL FEATURES
- PARKS



GREENWICH HAMLET

GENERAL CONSIDERATIONS

- Existing core comprised of general store and church
- Opportunity to preserve and support existing historic character and sense of place
- Residential, commercial, and recreational uses located in surrounding area



LEGEND

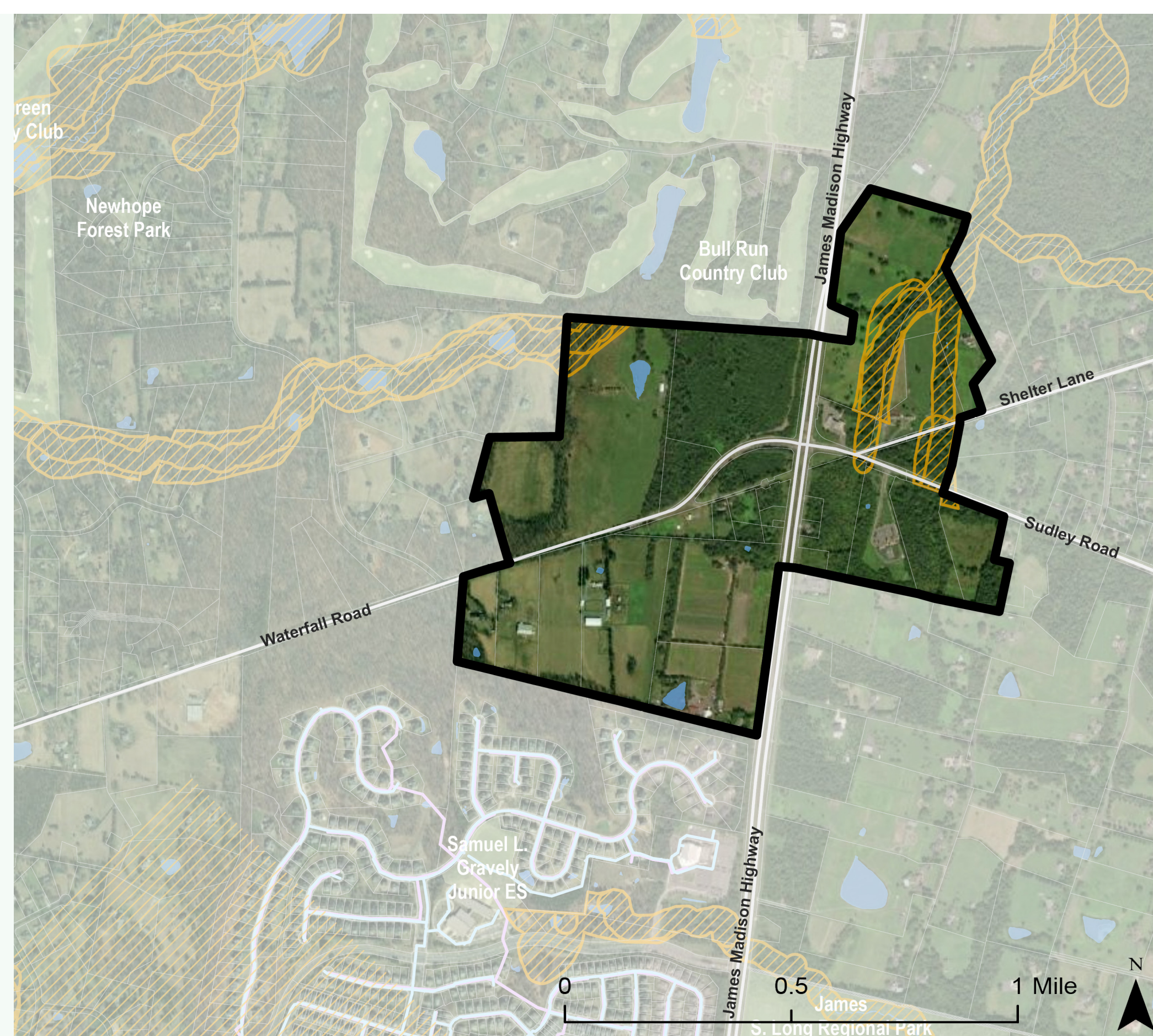
- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- PRINCE WILLIAM COUNTY BOUNDARY
- PARCELS
- RESOURCE PROTECTION AREAS
- HYDROLOGICAL FEATURES
- PARKS



WOOLSEY HAMLET

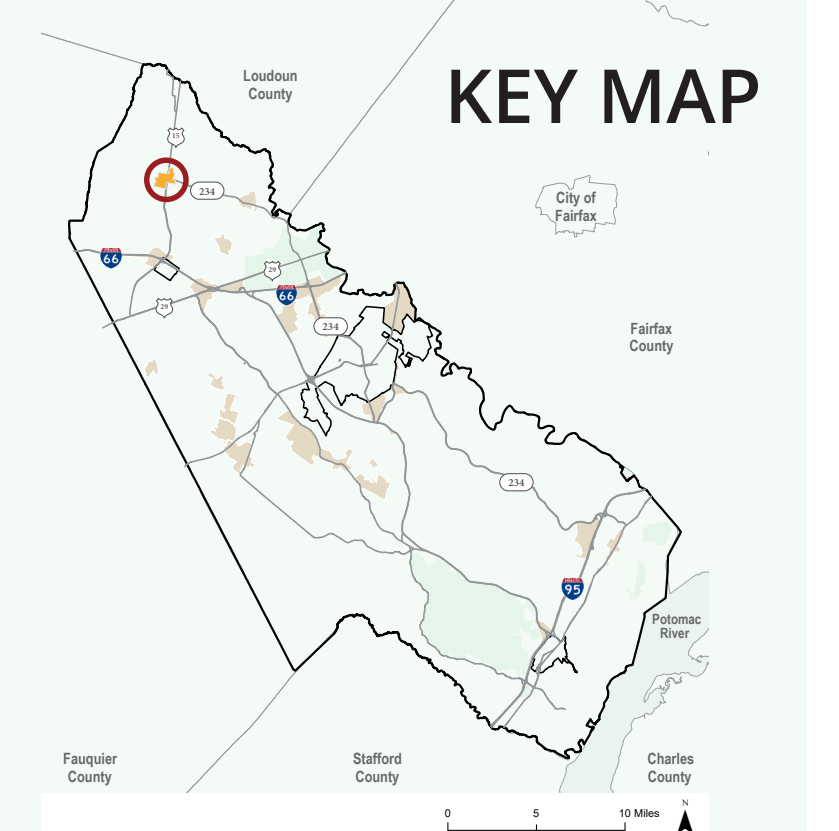
GENERAL CONSIDERATIONS

- Located at major crossroads (Sudley Road and James Madison Highway)
- Area abuts rural area boundary
- Area abuts existing water and sewer infrastructure
- Area is surrounded by development on all sides, including adjacent Dominion Valley development
- Ongoing development activity in the area
- Points of interest in area include existing fire station, convenience store and gas station, and Bull Run Country Club



LEGEND

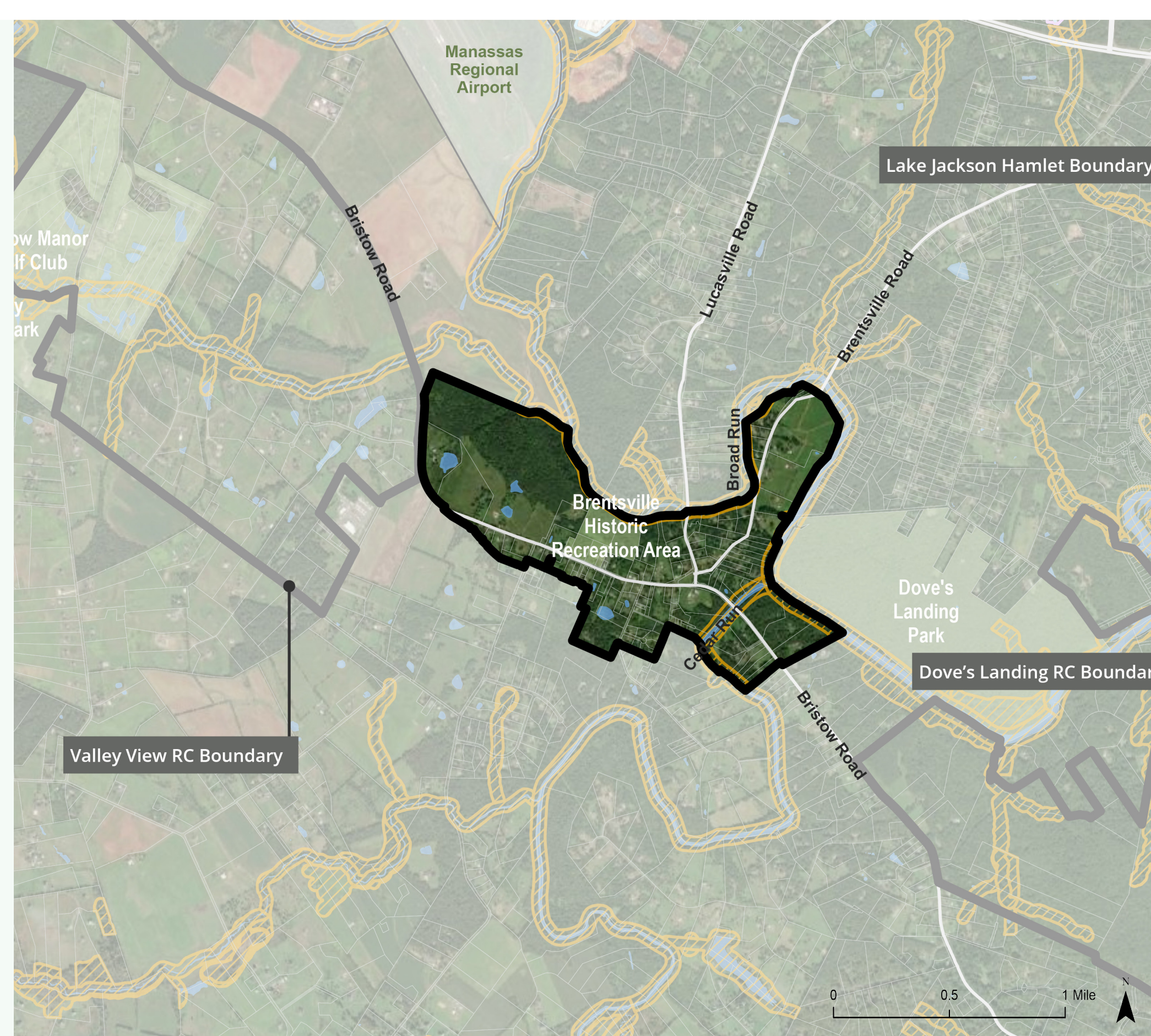
- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- PARCELS
- RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



BRENTSVILLE HAMLET

GENERAL CONSIDERATIONS

- Area encompasses Brentsville historic core (Courthouse Historic Centre, churches)
- Area abuts rural area boundary
- Area includes existing residential and commercial uses
- Surrounding area has experienced recent residential and retail development activity
- Points of interest in area include existing commercial development, schools, and parks
- Opportunity to preserve and support existing historic character and sense of place

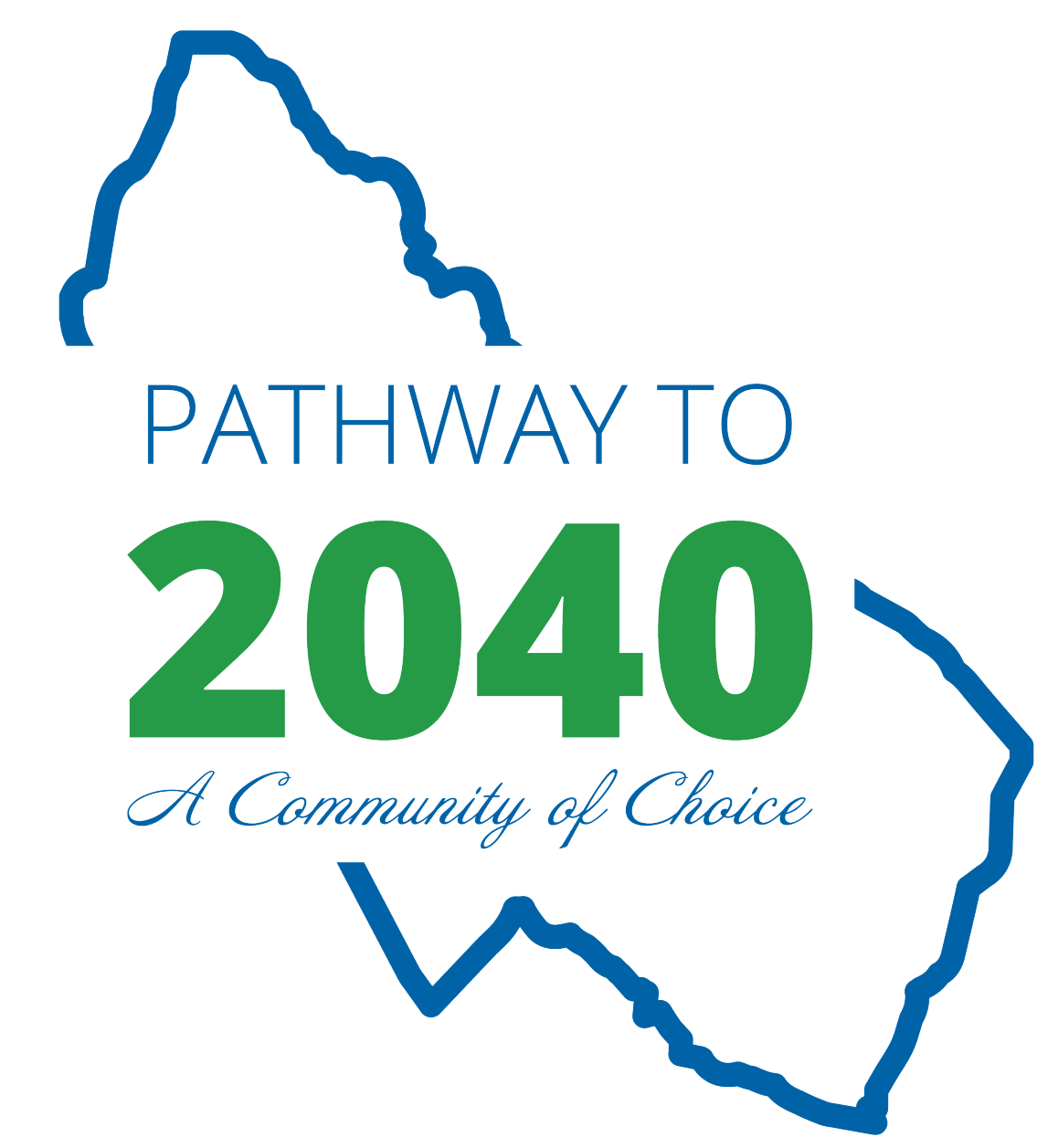


LEGEND

- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- HISTORIC SENSITIVITY AREAS
- PARCELS
- RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



LAND USE RESIDENTIAL CLUSTERS



DEFINITION

- Residential uses arranged in a compact development pattern that reduces lot costs
- Located near existing water and sewer service and existing residential subdivisions
- Incentivizes preservation
- Restricted buffer around residential uses that protects surrounding natural resources, cultural resources, open space, and scenic and agricultural lands
- Creates permanent protected open space.
- Directs development to appropriate areas
- Alternative development option that creates moderate priced housing

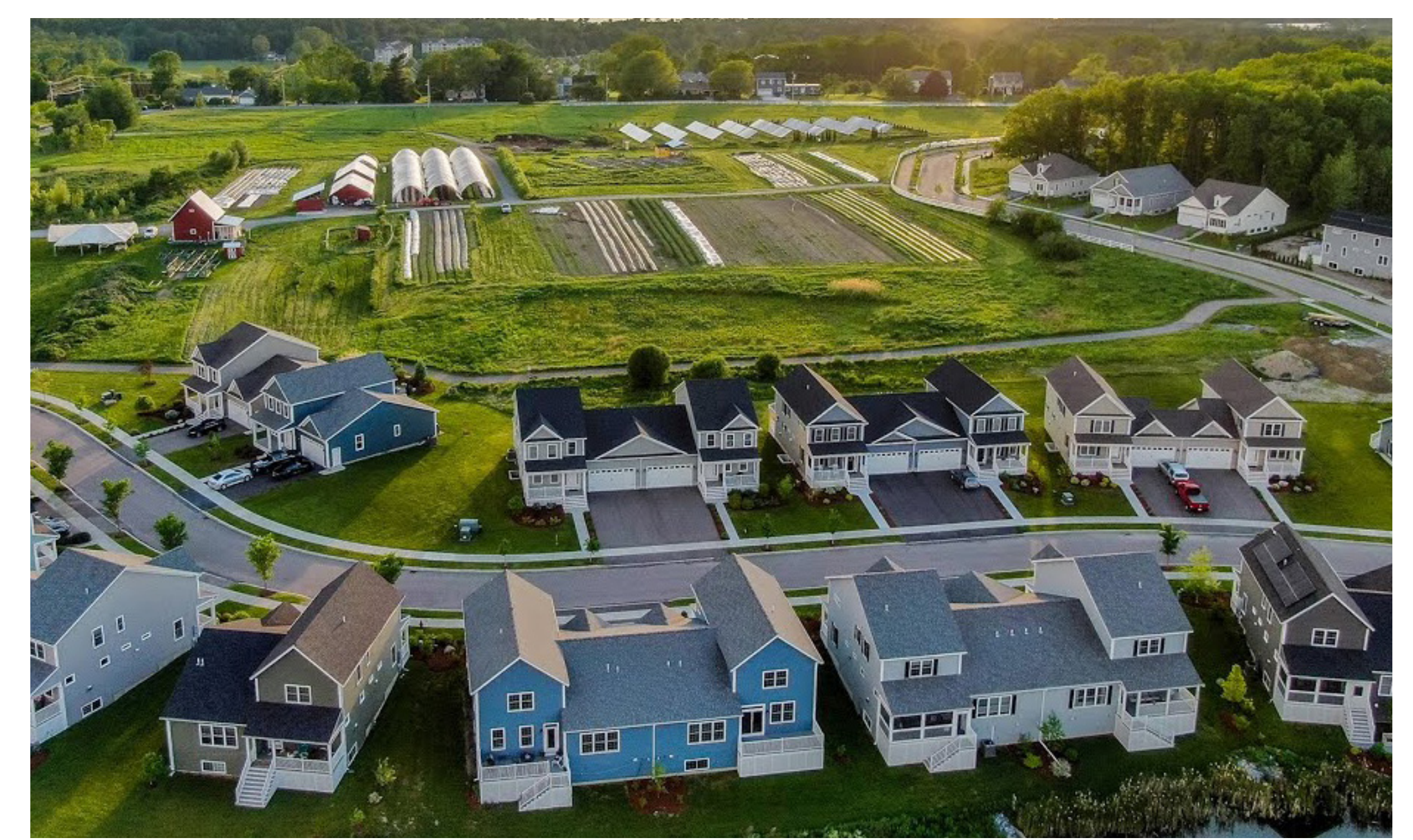
GENERAL POLICIES

Allow for Residential Cluster development in select areas to accommodate new housing options in compact development patterns while preserving existing natural and cultural resources, open space, scenic views, and the overall character of the rural landscape.

- Encourage residential development in **compact development patterns on smaller lots** that minimize the extent of site disruption and the size of the development footprint.
- Allow for **selective public water and sewer extensions** to Residential Clusters from adjoining or nearby areas served by public water and sewer.
- Encourage site design and layout that fits the landscape by **incorporating and preserving existing natural features and topography**, while fostering a distinctive sense of place and a sense community.
- Integrate **accessible open space** into the design of Residential Clusters to provide recreational amenities, access to nature, and community gathering places.
- Created a **connected network of roads, trails, pathways, and sidewalks** to link homes to open space, conservation areas, and surrounding destinations.
- Encourage **predominantly residential uses while allowing for limited complementary uses**, such as civic and institutional facilities, recreational amenities, or small-scale commercial uses.
- **Protect and enhance the visual character of the rural landscape** by maintaining significant view sheds within, looking out from, and looking toward Residential Clusters.
- **Prepare and adopt a Conservation Residential ordinance** to guide both development within Residential Clusters and the permanent conservation of natural resources, cultural resources, and open space within and around the Residential Cluster.

PRECEDENT IMAGES

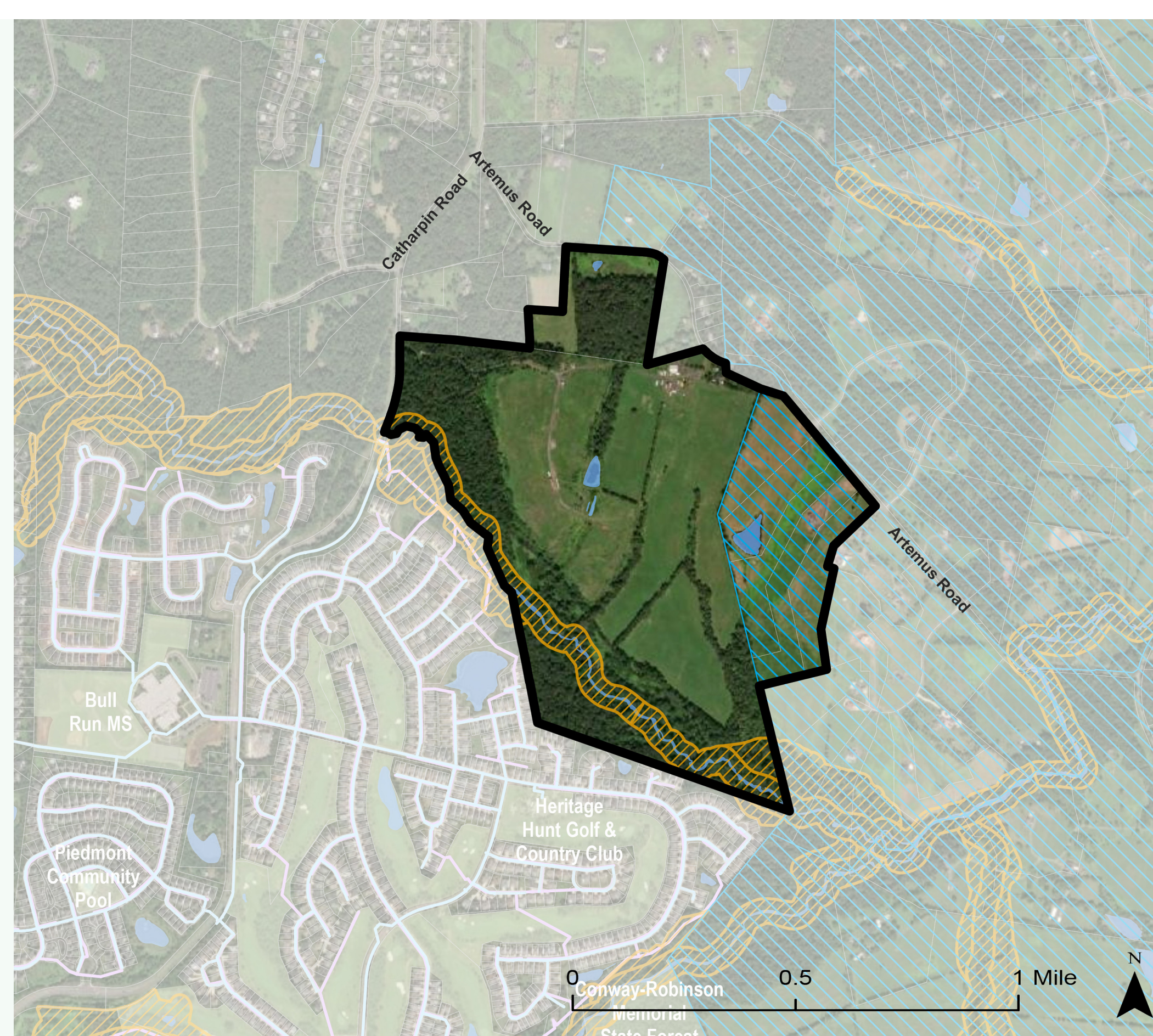
The images (right) illustrate the typical conservation residential form, character, and protected environmental resource areas within and around residential clusters.



BULL RUN EAST

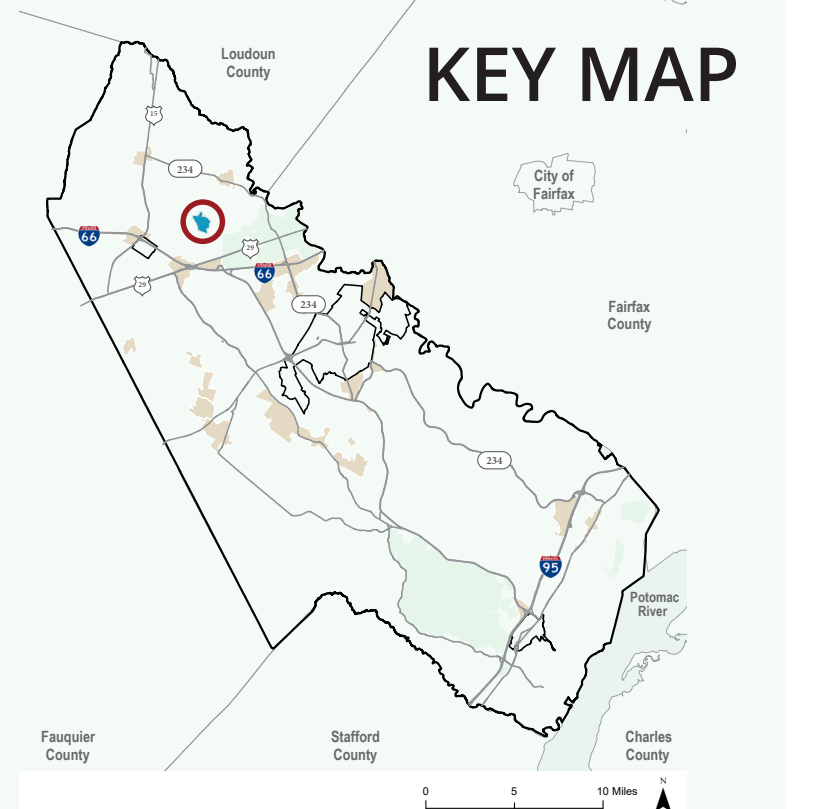
GENERAL CONSIDERATIONS

- Area abuts existing water and sewer infrastructure
- Area abuts rural area boundary
- Located adjacent to existing residential development
- Opportunity to pair residential cluster development with conservation of natural resources and open space



LEGEND

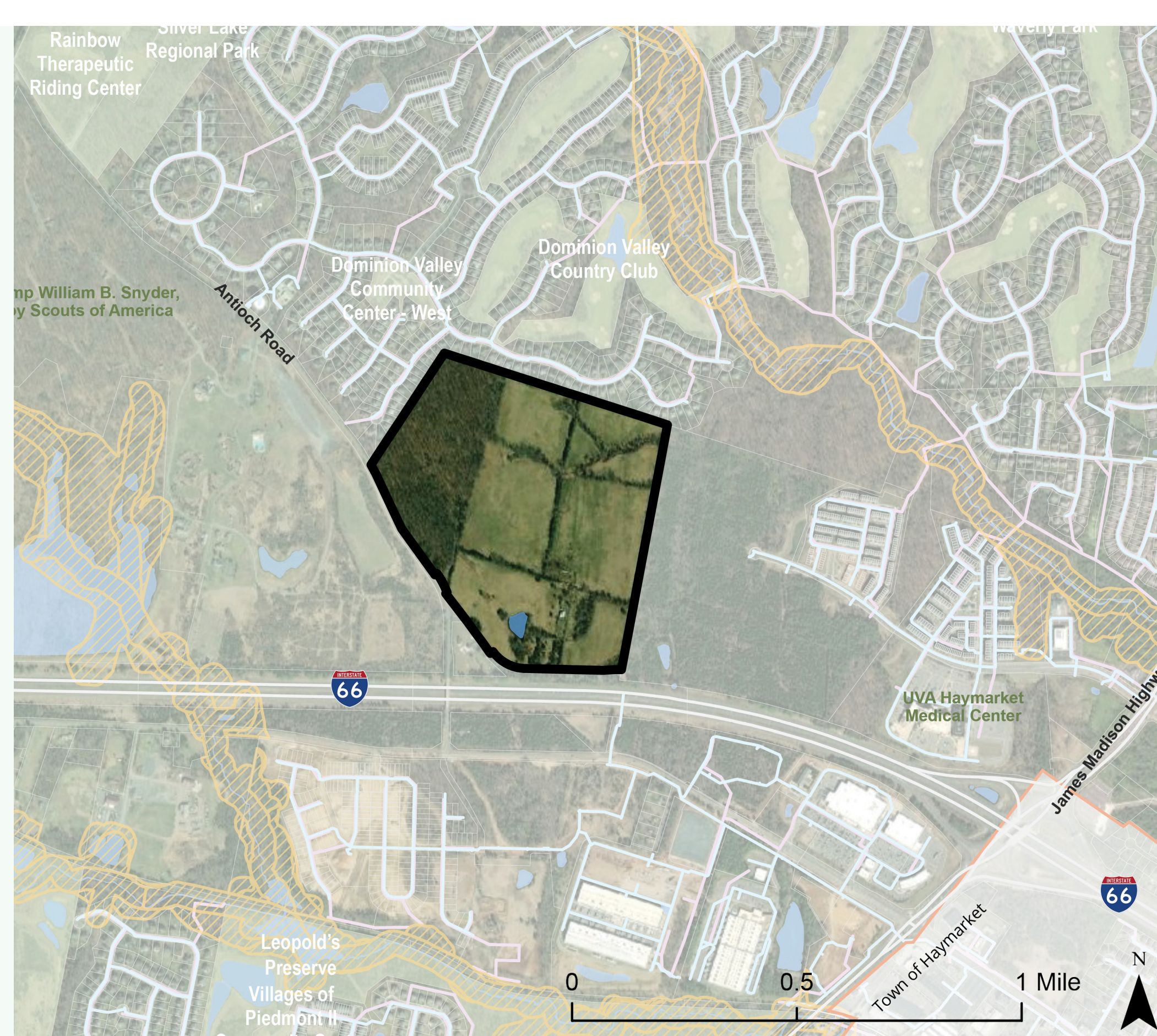
- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- ▨ DIGITAL GATEWAY CPA BOUNDARY
- ▨ PARCELS
- ▨ RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



HAYMARKET WEST

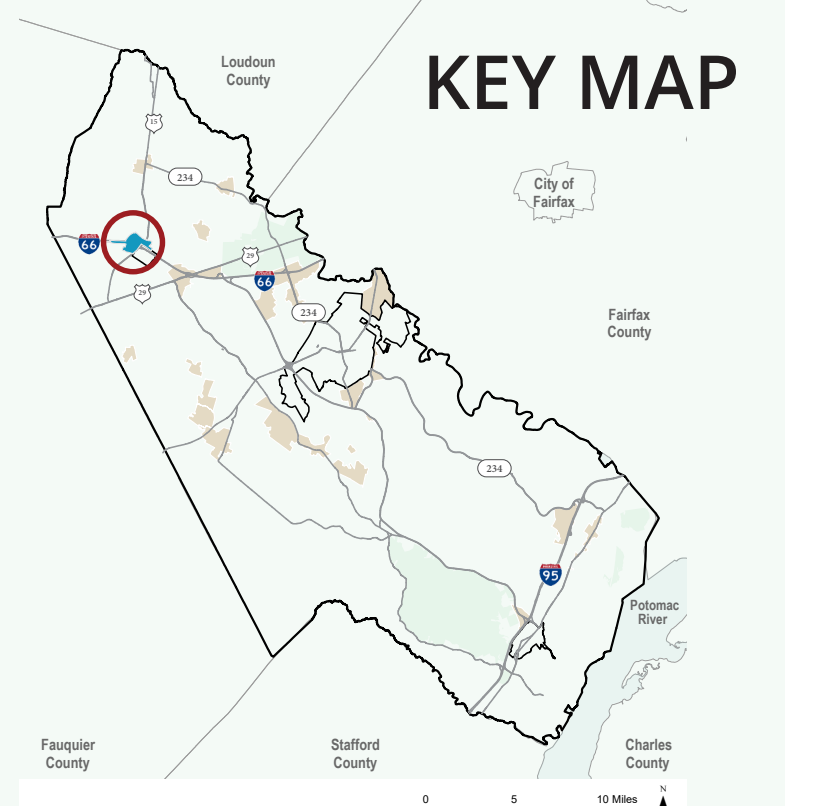
GENERAL CONSIDERATIONS

- Area located along a high-volume transportation corridor (I-66)
- Area located near existing water and sewer infrastructure
- Area abuts Haymarket Activity Center, which is exhibiting growth
- Opportunity to support hospitals and commercial destinations in surrounding area
- Location has potential for clustered housing

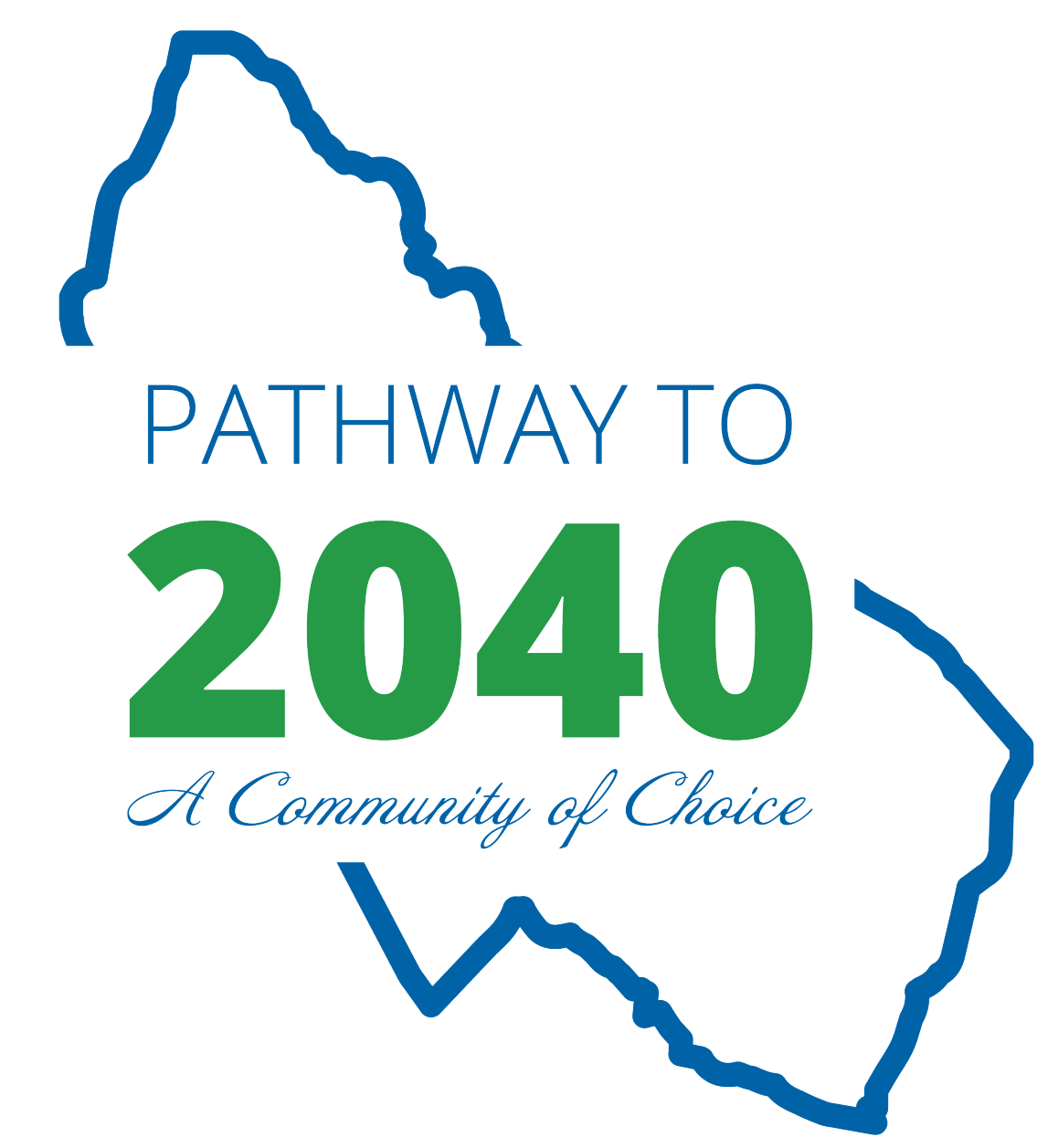


LEGEND

- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- ▨ TOWN OF HAYMARKET BOUNDARY
- ▨ HISTORIC SENSITIVITY AREAS
- ▨ PARCELS
- ▨ RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



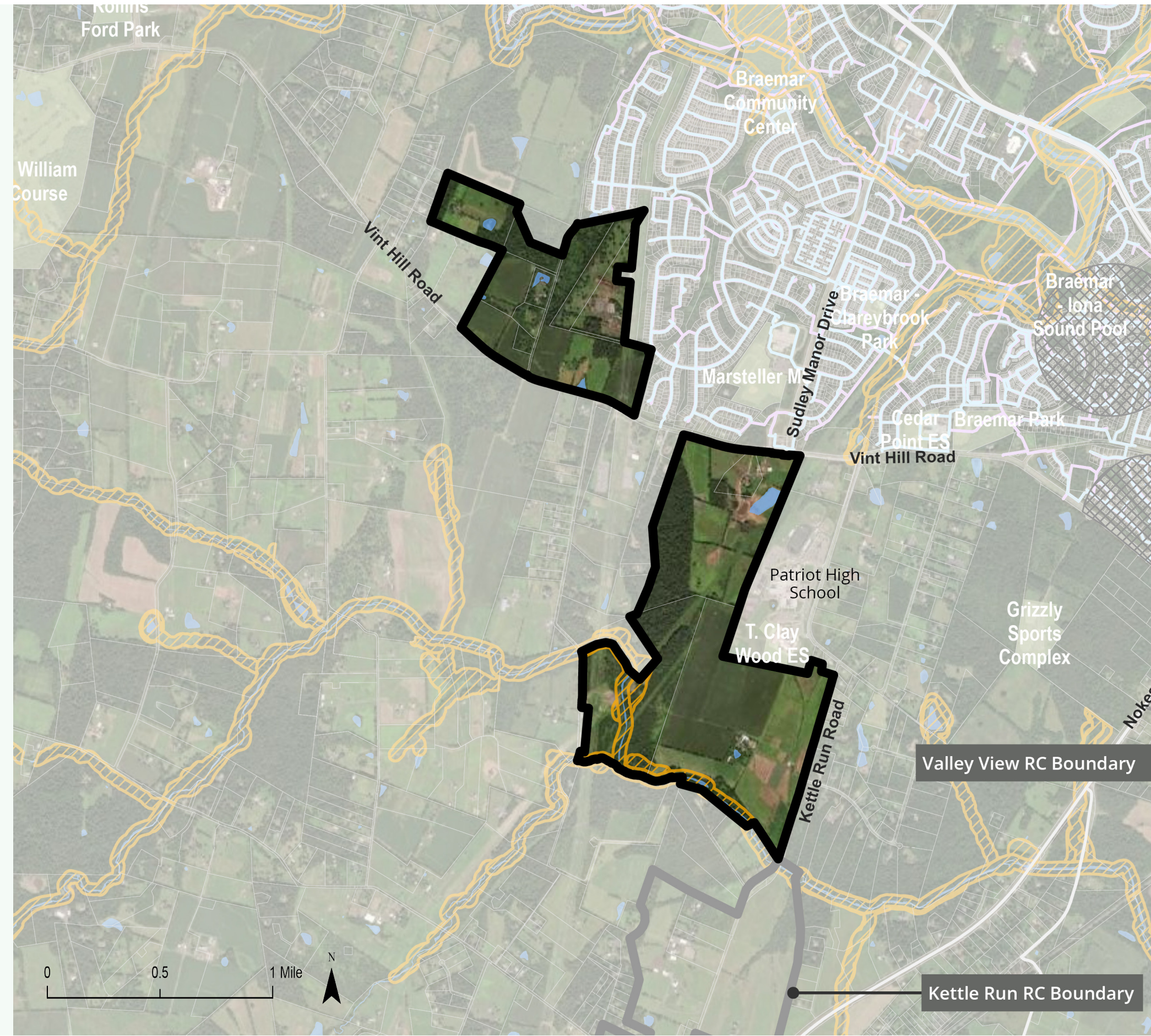
LAND USE RESIDENTIAL CLUSTERS (CONTINUED)



BRAEMAR-PATRIOT HIGH SCHOOL

GENERAL CONSIDERATIONS

- Area abuts existing residential development
- Area abuts water and sewer infrastructure to the north
- Located near Nokesville Village
- Other points of interest in the area include schools, parks, and the Grizzly Sports Complex
- Likely location for clustered housing near school property



LEGEND

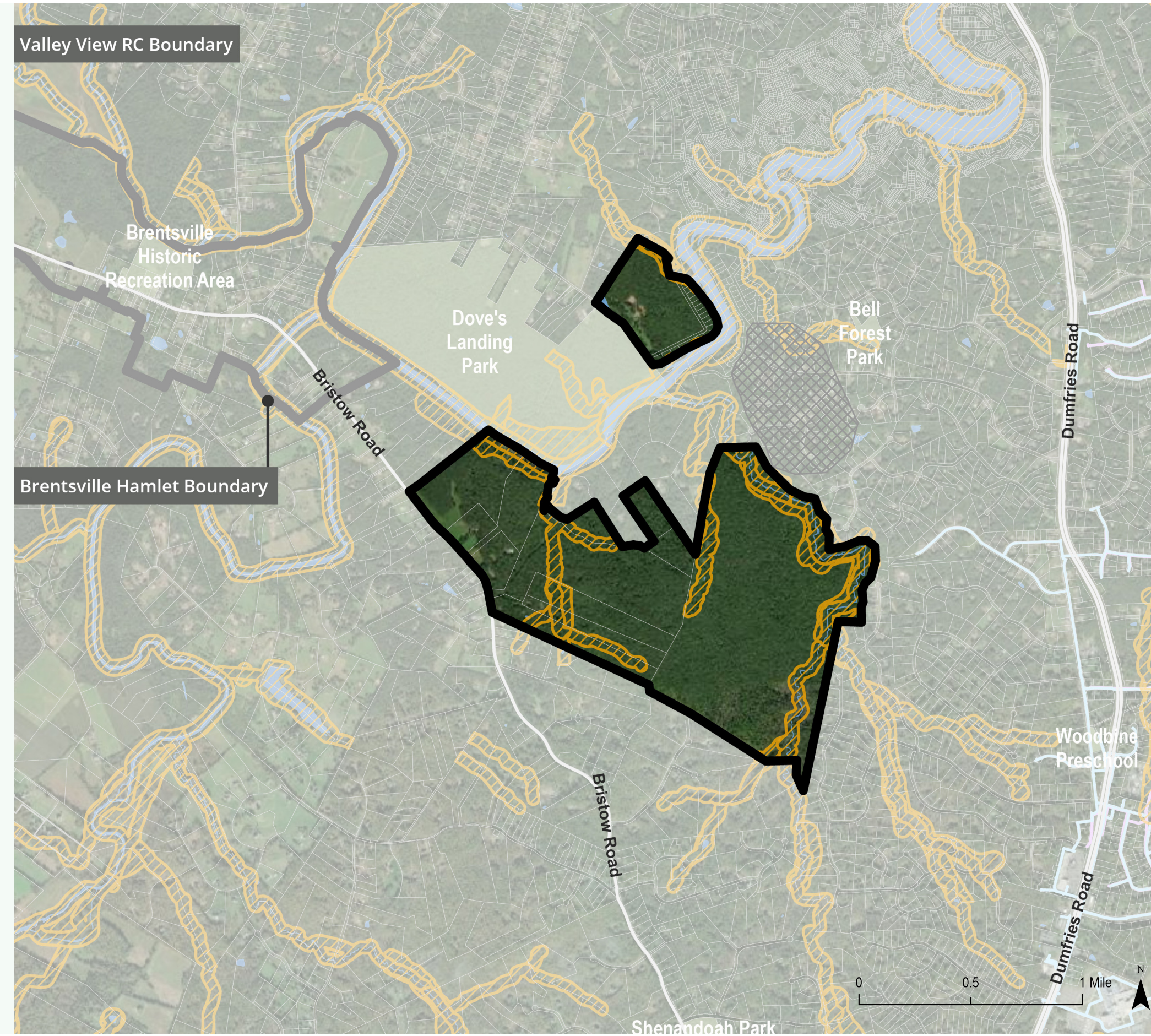
- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- PRINCE WILLIAM COUNTY BOUNDARY
- HISTORIC SENSITIVITY AREAS
- PARCELS
- RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



DOVE'S LANDING

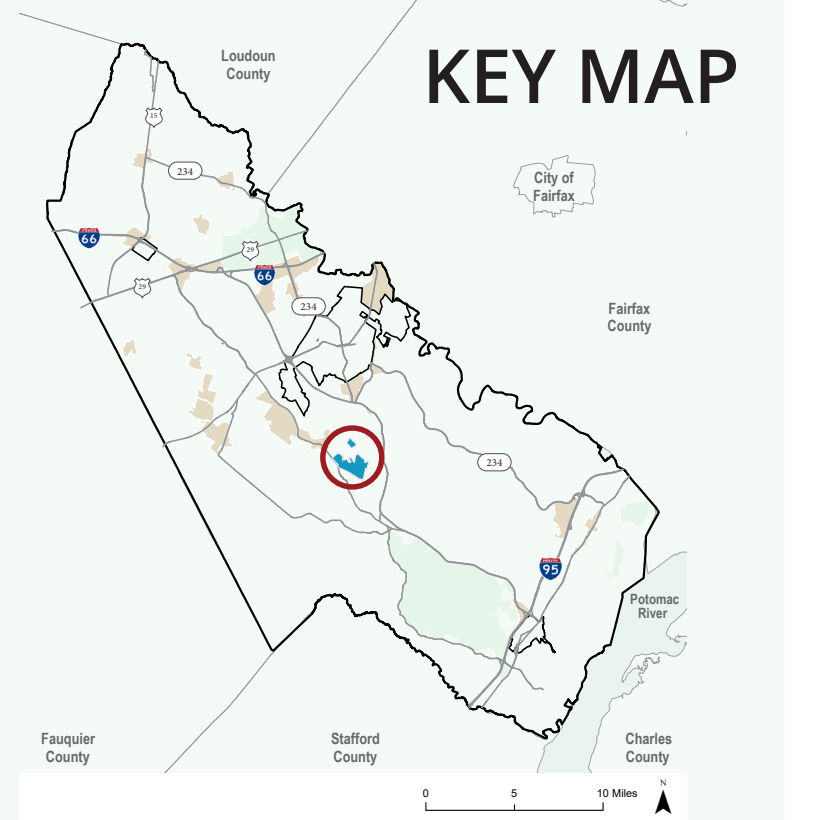
GENERAL CONSIDERATIONS

- Area abuts existing water infrastructure to the east
- Area abuts rural area boundary
- Area surrounded by existing residential development
- Located adjacent to Dove's Landing Park and other recreational amenities
- Opportunity to pair residential cluster development in select areas with conservation of natural resources and open space



LEGEND

- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- HISTORIC SENSITIVITY AREAS
- PARCELS
- RESOURCE PROTECTION AREAS
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- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



KETTLE RUN

GENERAL CONSIDERATIONS

- Located near existing sewer infrastructure along Kettle Run Road
- Abuts both Nokesville Village and Braemar-Patriot HS residential cluster
- Proximity to schools and other community facilities in surrounding area



LEGEND

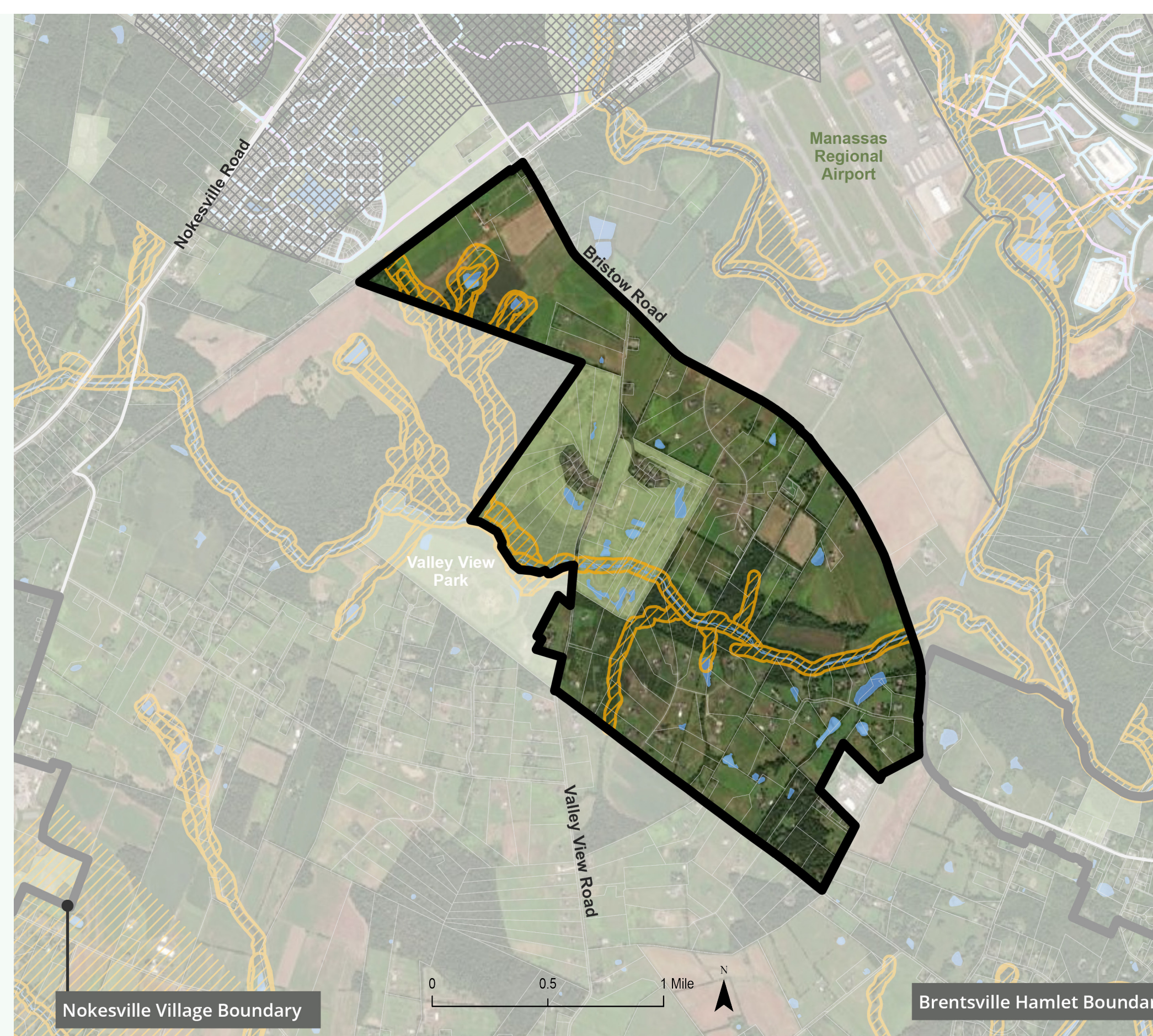
- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- PRINCE WILLIAM COUNTY BOUNDARY
- PARCELS
- RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS



VALLEY VIEW RESIDENTIAL CLUSTER

GENERAL CONSIDERATIONS

- Located adjacent to existing water and sewer infrastructure
- Proximity to Manassas Regional Airport and existing commercial and residential development in Bristow area
- Located near Nokesville Village and abuts Brentsville Hamlet



LEGEND

- STUDY AREA BOUNDARY
- MAJOR ROADWAYS
- PRINCE WILLIAM COUNTY BOUNDARY
- PARCELS
- RESOURCE PROTECTION AREAS
- PWCSA WATER LINES
- PWCSA SEWER LINES
- HYDROLOGICAL FEATURES
- PARKS

