



County of Fairfax, Virginia

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# Lorton Visioning Study

## *Plan Amendment 2021-IV-LP1*

### Transportation Planning

June 5, 2023

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Fairfax County Department of Transportation



- Introductions & Recap of past meetings
- Transportation Planning Overview
  - Policy Plan
  - Concept for Future Development
  - Area Plans & Maps
- Community Vision Statement Discussion
- Next steps

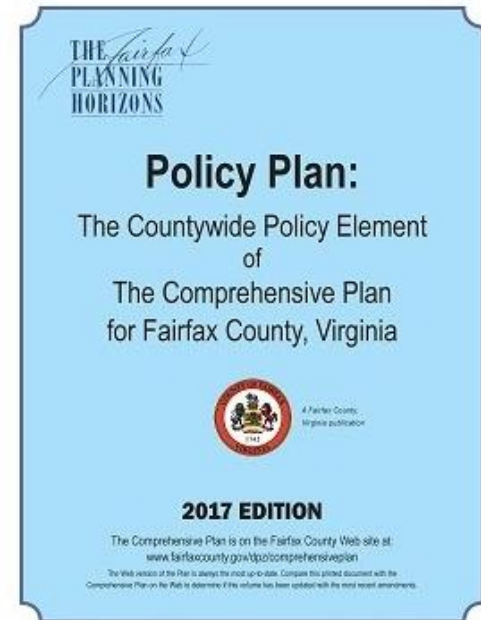


- Transportation presentations to TF
  - April 19, 2021
  - May 15, 2021
- Numerous transportation related comments generated
- FCDOT is assessing existing and future transportation conditions



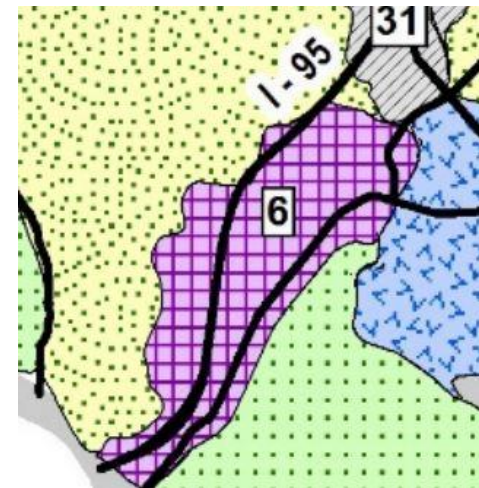


- **Element of the County's Policy Plan**
  - Countywide goal, objectives, and policies
  - Roadway system functional classifications
  - Types of transit services and facilities
  - Bicycle & trails classifications
  - Roadway ROW requirements
  - Bicycle Master Plan





- **Element of the County's Concept for Future Development**
  - Vision and direction for guiding Fairfax County's future growth and development
  - Concept Map & Land Classification System
  - Describes the desired future character for each area of the county
    - Lorton-South Route 1 Suburban Center





- Element of the County's Area plans
  - Area plans have Transportation sections with specific recommendations
  - Includes key elements for implementing the Policy Plan's goals and objectives at more detailed geographic levels

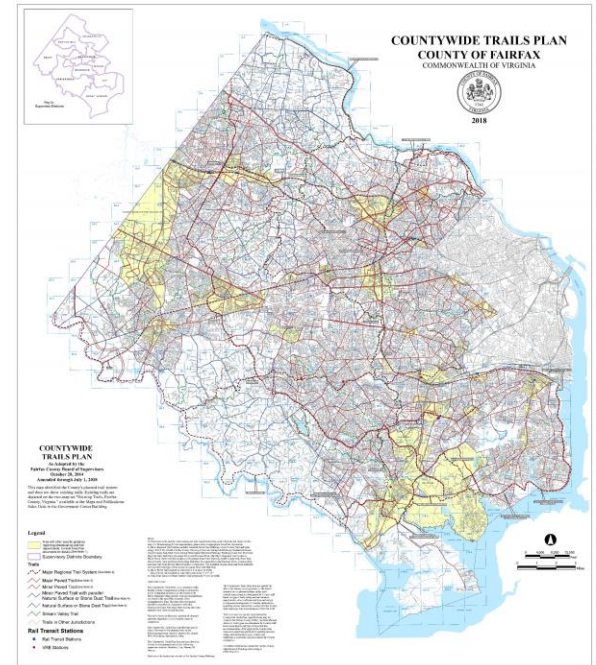
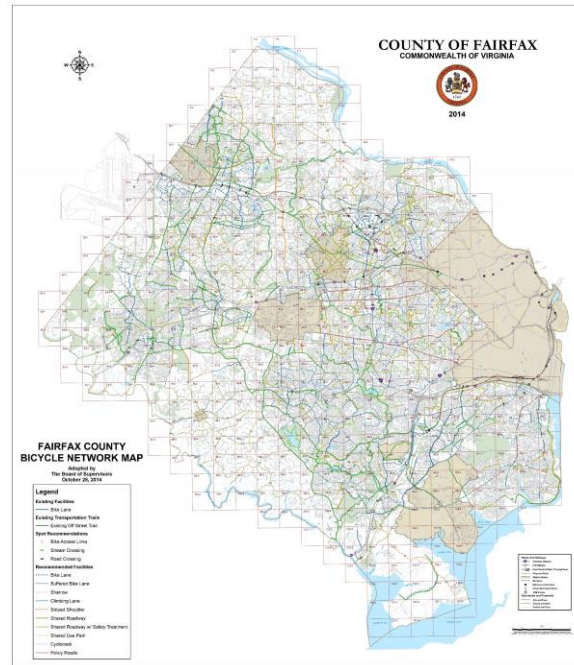
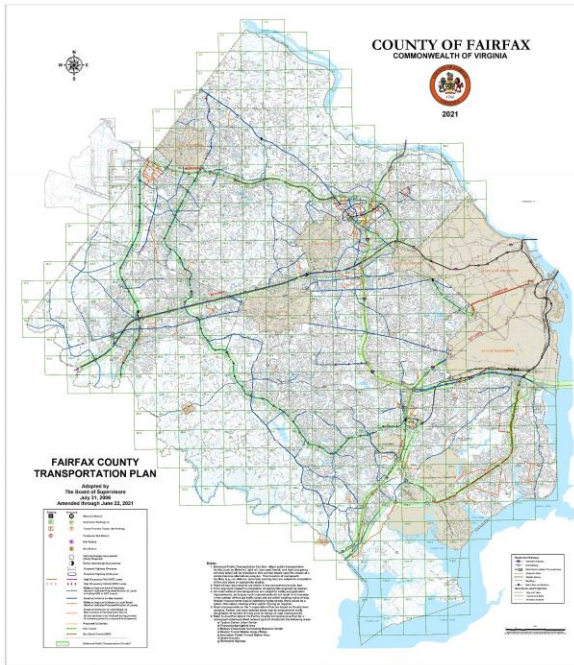






# County of Fairfax, Virginia Transportation Planning Overview

## • Transportation Maps





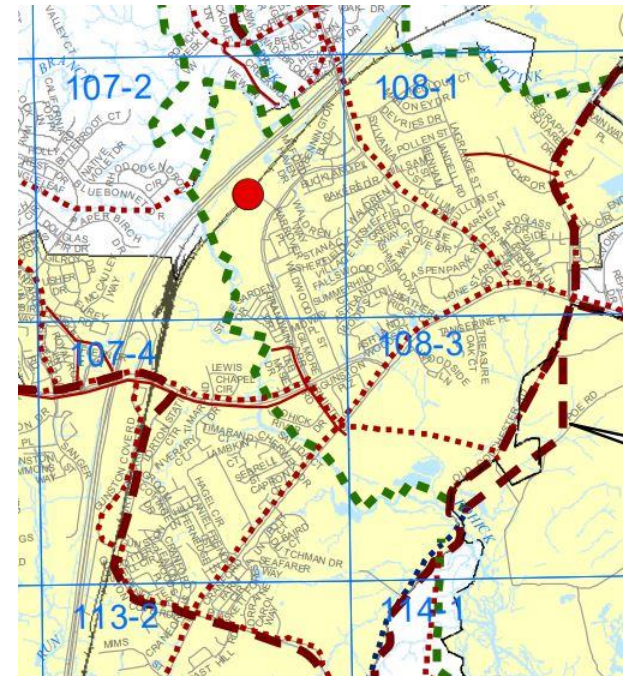
- *Utilize existing undeveloped and open space areas to create pedestrian and bicycle connections within the greater Lorton community. Low impact techniques for trail development should be utilized in environmentally sensitive areas.*







- Fairfax County is updating and combining the Bicycle Master Plan and the Countywide Trails Plan into the ActiveFairfax Transportation Plan
- Next round of public engagement is expected in Spring 2024



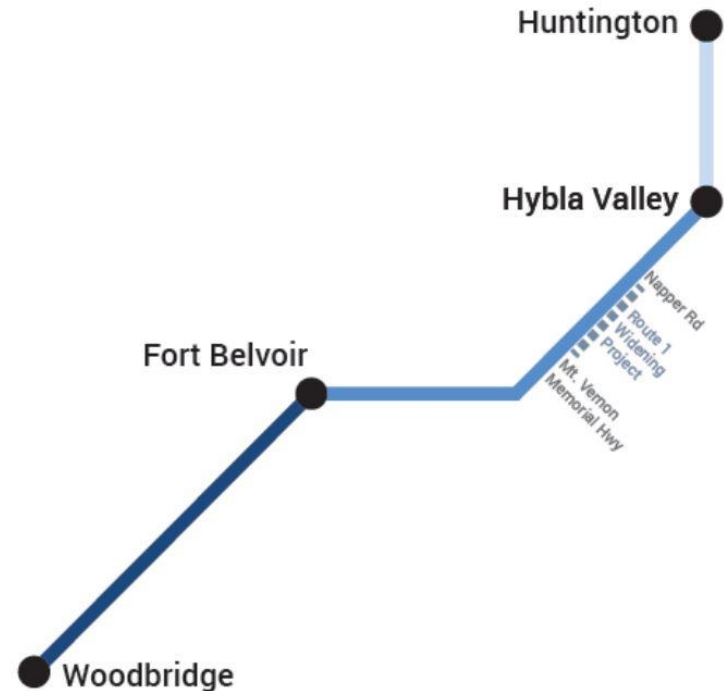


- *Identify improvements that can promote linkages between Lorton's gateways along primary roads and transportation facilities serving commuters, tourists, and other visitors.*
  - Improve existing facilities
  - Create new facilities





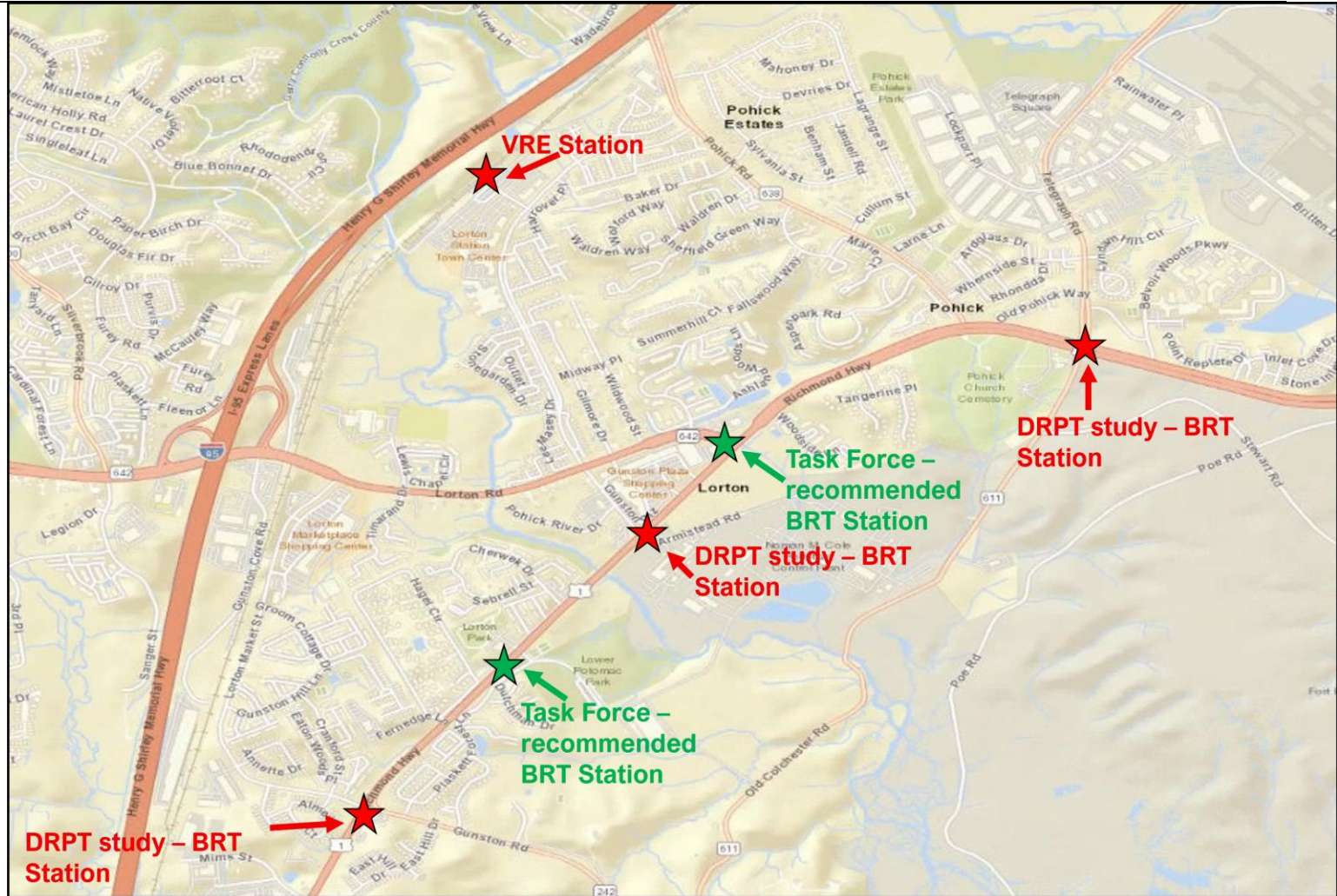
- *Identify areas where future growth can be guided at sufficient development levels to support the siting of Lorton's future Bus Rapid Transit (BRT) stations.*





- Virginia Department of Rail and Public Transportation (DRPT) recommended prioritizing segments that are most competitive for federal funding
  - Areas with higher population and employment
  - Connection to the regional transit network
    - Phase I and II would be most competitive for federal funding
    - Phase III would be less competitive for federal funding







- *Ensure the land use pattern is supported by a balanced network of well-maintained roads, pedestrian and biking facilities, and transit systems designed to accommodate safe and convenient access within Lorton.*







## Modal options considerations

- Walking – more than recreation, can reduce auto trips
- Biking – more than recreation, can reduce auto trips
- Driving – efficient and comfortable
- Transit – more than commuting, local circulation
- Emerging technologies – “the great unknown”





- *Establish Lorton Road as a local-serving boulevard through streetscape and urban design elements to improve pedestrian comfort and safety that include wider walkways and landscaped medians, improved wayfinding signage and lighting, public art, and street trees that encourages the development of the core as a well-connected destination, rather than a pass-through.*



- Expected roadway function of Lorton Road
  - carry an even mix of local and through traffic
  - link collectors with principal (major) arterials
  - perform a significant function in the transportation network
  - closely approach principal arterial in terms of traffic characteristics and role in the network





- Continue Transportation Assessment
- Report to Task Force
  - Existing conditions assessment
  - Future baseline conditions assessment
  - Future conditions assessment with proposed new land uses
  - Potential mitigations and improvements



# Thank You

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