



Update on Route 1 Efforts

Transportation Advisory Committee

October 20, 2015

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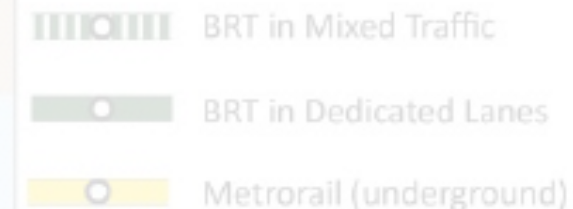
- 16- mile section of Route 1
- Extends from I-95/I-495 Beltway area, through Fairfax County, to Route 123 at Woodbridge in Prince William County





Multiple Projects

- Route 1 Widening (VDOT)
 - Telegraph Rd. to Route 235 - BRAC project – Under Construction
 - Route 235 to Napper Road – Next project
 - Environmental Analysis
 - Design
- Comprehensive Plan Update (Fairfax County)
- Planning for BRT (Fairfax County)
 - Program Management Consultant
 - Environmental Analysis





CURRENT CONDITION

- 4 LANES IN SOUTHERN SECTION
- 4 LANES IN MIDDLE SECTION
- 6 LANES IN NORTHERN SECTION
- DISCONTINUOUS SIDEWALKS

DESIRED CONDITION

- 6 LANES (3 NB; 3 SB)
- BRT IN MEDIAN
- CONTINUOUS PED/BIKE FACILITY





Widening – Fort Belvoir Section



- BRAC Project
- 3.7 Miles
- \$180 million
- Completion Summer 2016
- Includes Median for BRT



County of Fairfax, Virginia





County of Fairfax, Virginia

Route 1 Improvements at Fort Belvoir
Project VA-OEA-US 1(1)
FHWA Monthly Status Report 01October 15

Picture of the Month

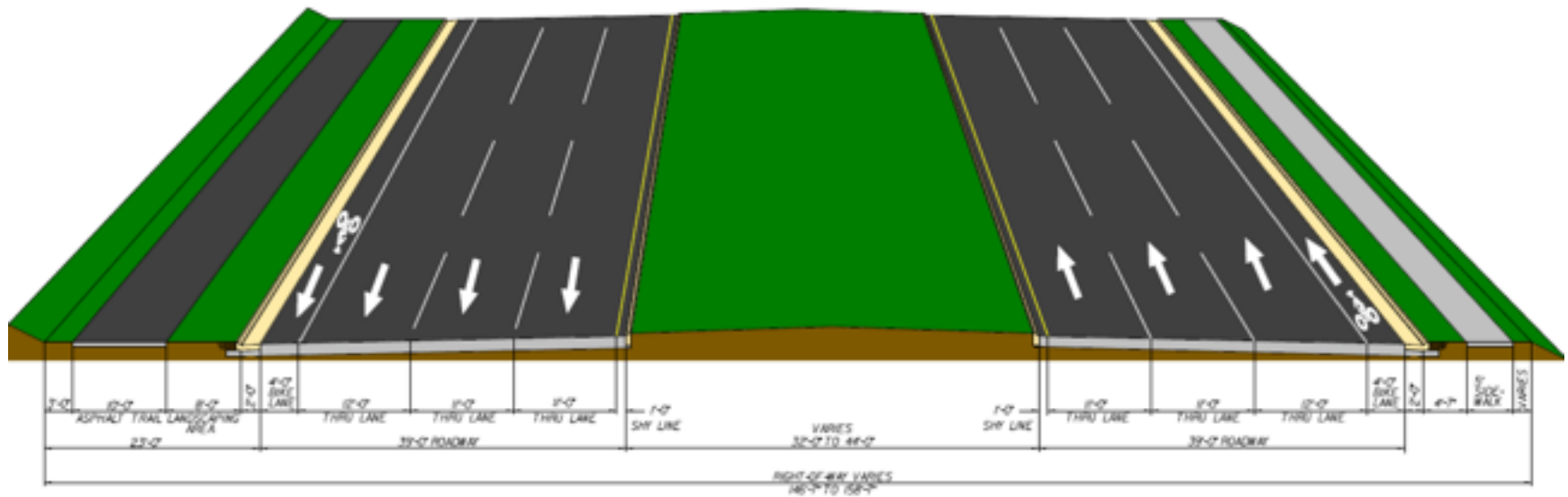


New US Route 1 at Woodlawn (Looking North)





Route 1 – Fort Belvoir Cross Section





Route 1 Widening – Route 235 to Napper

- Addresses a bottleneck (future) between the 6-lane section in the northern portion of the corridor, the 4-lane section in the middle portion of the corridor and 6-lane Fort Belvoir section currently under construction
- Preserves right-of-way for future median running BRT
- VDOT is lead agency – in collaboration with County
 - Environmental Analysis – Starting early 2016
 - Preliminary Design – Starting early 2016
 - Significant Right-of-Way Challenges Anticipated



Comprehensive Plan

Key Issues:

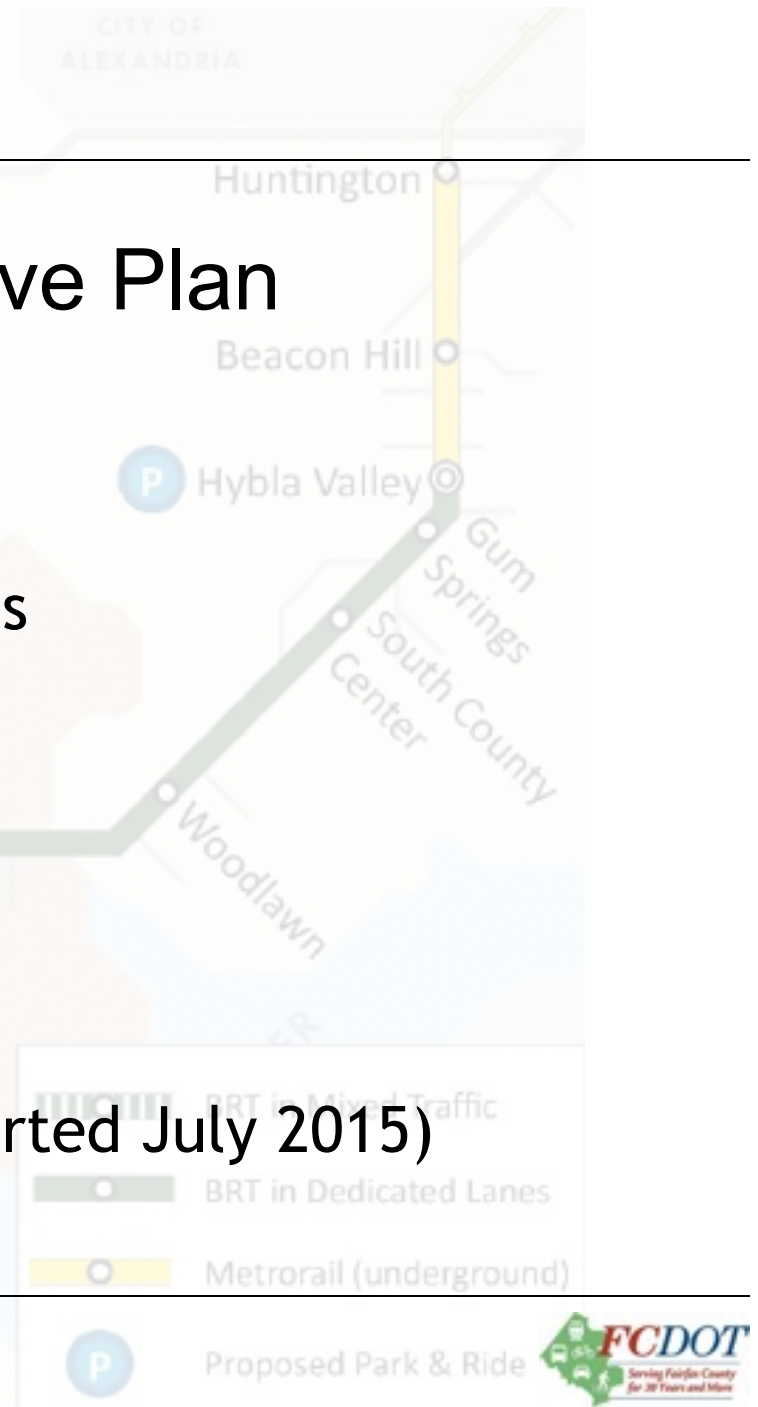
- Metrorail/BRT Policy guidance
- Land use levels at stations
- Refining Location of BRT Stations
- Station Templates
- Cross Section/ROW Impacts

Process:

- Advisory Group
- Public Outreach

Timeline:

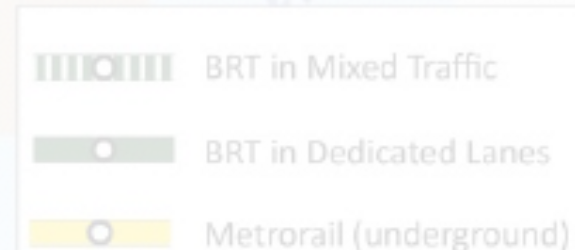
- 4 Year Timeline Anticipated (Started July 2015)





Comprehensive Plan Update

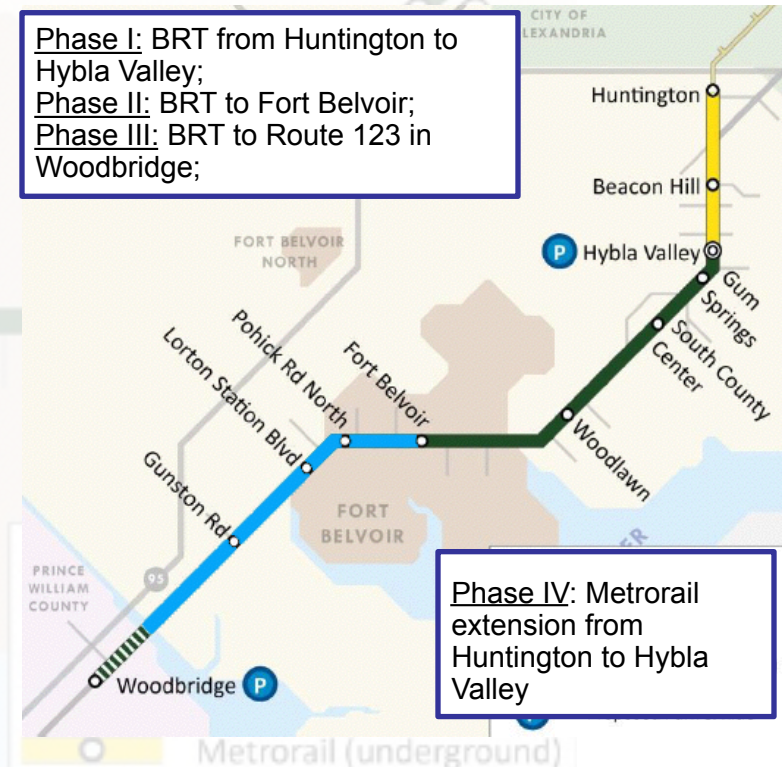
- Refine BRT stop locations
- Refine Land-use, infrastructure, design, etc.
- Transportation assessment and modeling
 - Will identify additional roadway connections and station area street grids
- Develop complete street cross-sections and corridor design standards
 - Will address all transportation modes including walking, biking, taking transit and driving.





Comprehensive Plan Update

- Incorporate Route 1 Multimodal Alternatives Analysis recommendations
- DRPT recommendations include:
 - Median running Bus Rapid Transit (BRT) from Huntington along North Kings Highway and Richmond Highway/Route 1 to the Fairfax County boundary;
 - Route 1 roadway widening from 4 to 6 lanes and additional roadways, where necessary;
 - Continuous pedestrian and bicycle facilities along corridor; and,
 - Future Metrorail extension from Huntington to Hybla Valley.





Comprehensive Plan Update

- Public Outreach
 - EMBARK Advisory Group
 - SFDC and other stakeholders
 - Advisory role to provide feedback on
 - Study direction
 - Community Outreach
 - Station locations
 - Urban Design
 - Series of open houses for public input
 - Online Input Opportunity



Phasing and Implementation Approach

Phase I:
Huntington to
Hybla Valley
(\$306 M)

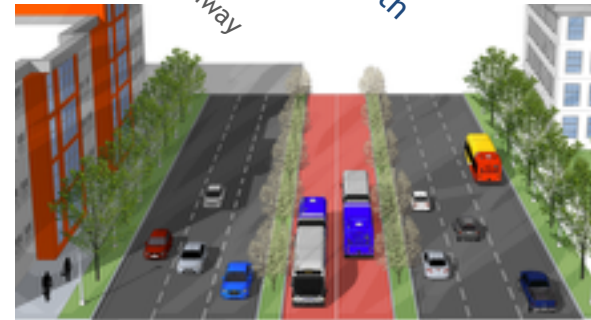
3.1 mi

Huntington
Hybla Valley

Fort
Belvoir

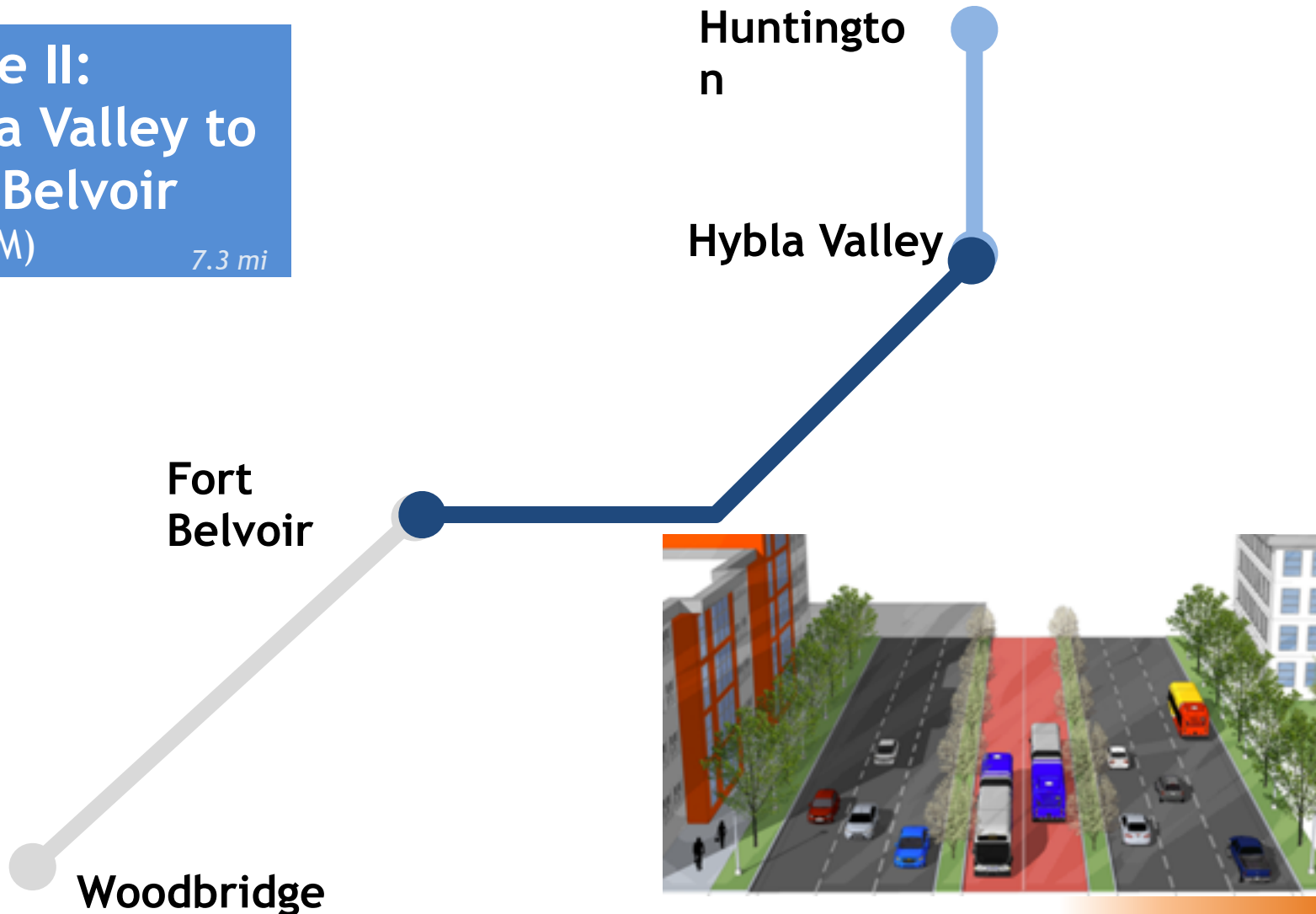
Woodbridge

Napper Rd
Route 1 Widening
(four to six lanes, with
reserved median)
Mount Vernon
Memorial Highway



Phasing and Implementation Approach

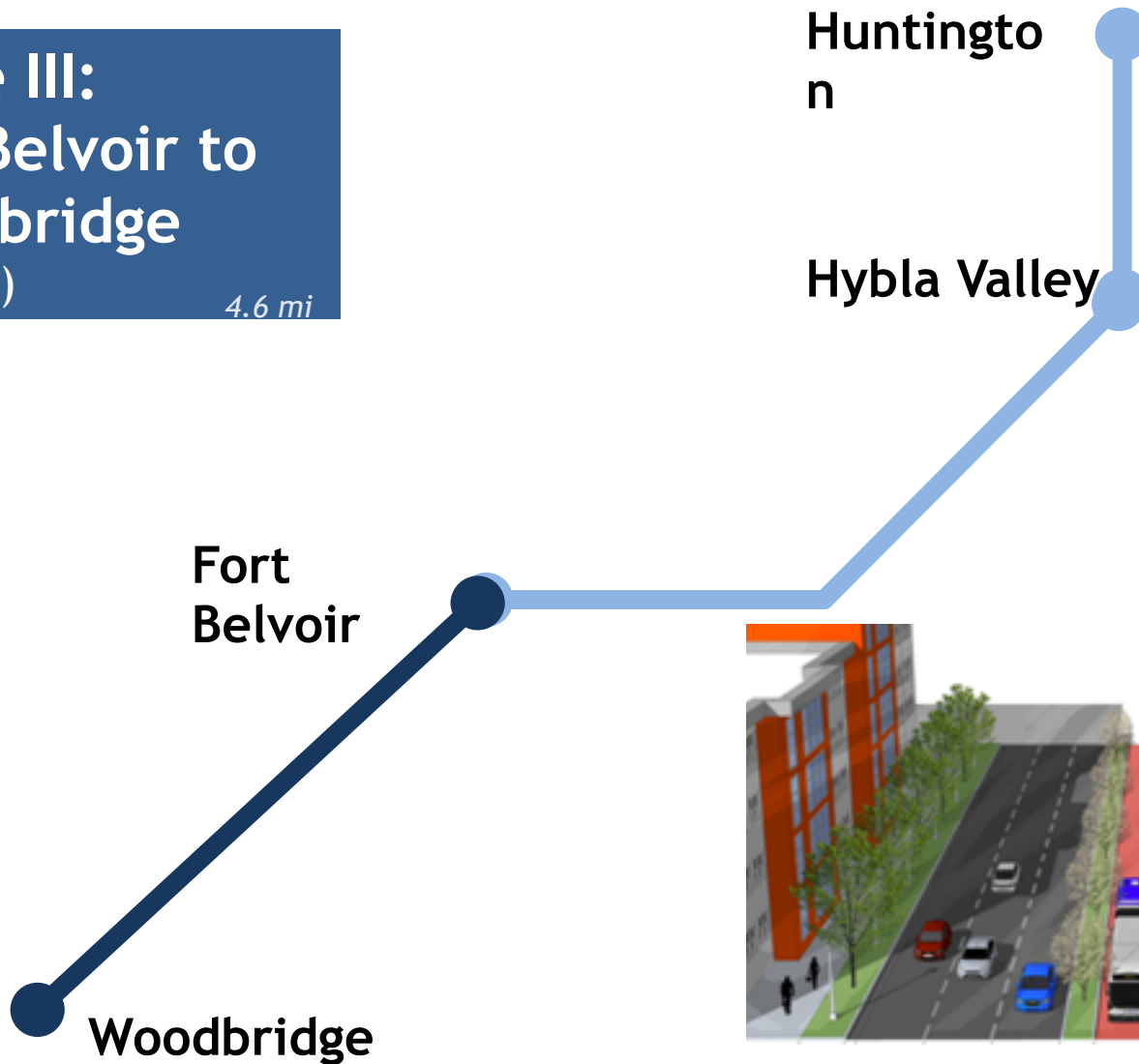
**Phase II:
Hybla Valley to
Fort Belvoir**
(\$224 M) *7.3 mi*



Phasing and Implementation Approach

**Phase III:
Fort Belvoir to
Woodbridge**
(\$472 M)

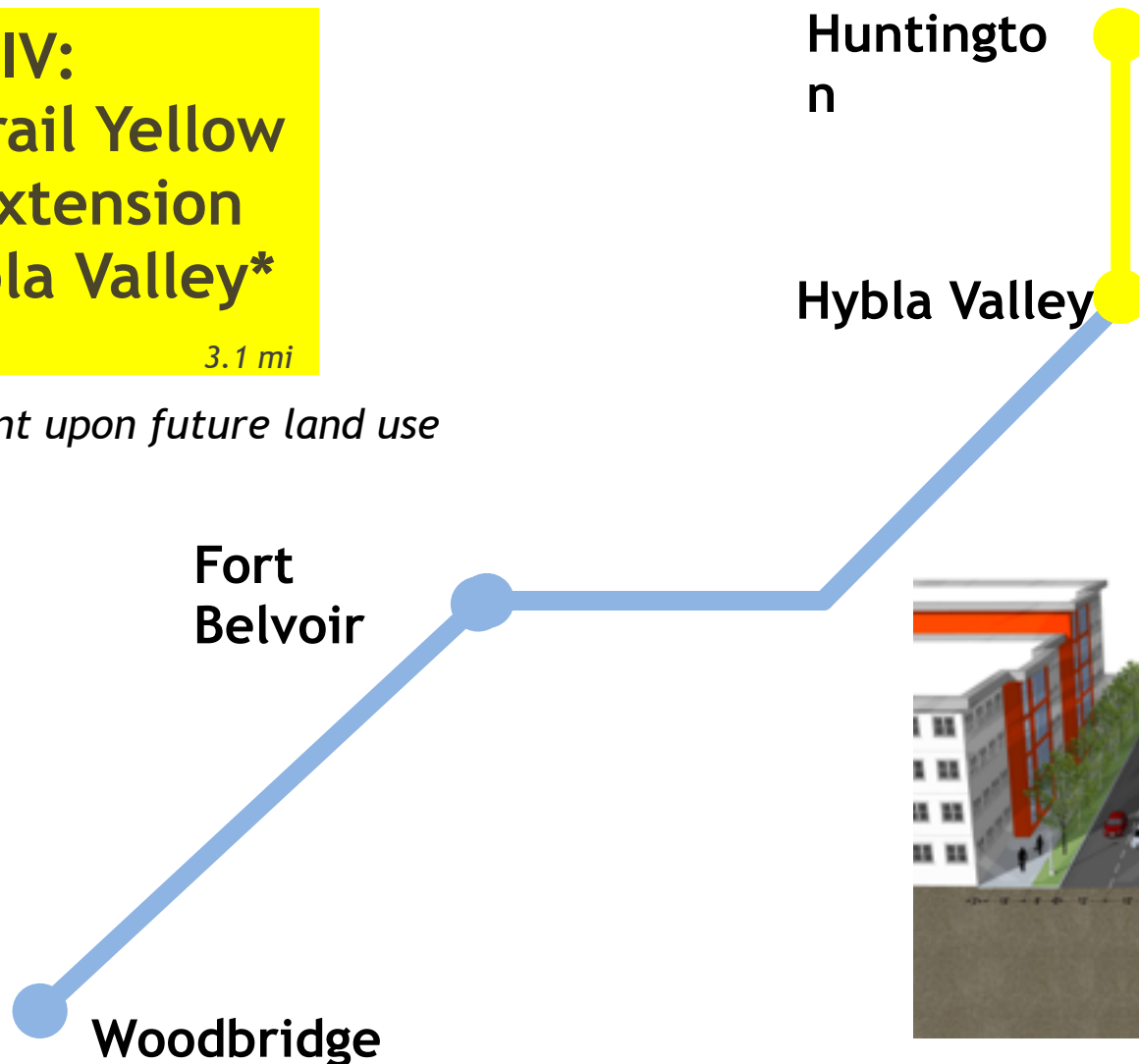
4.6 mi



Phasing and Implementation Approach

**Phase IV:
Metrorail Yellow
Line Extension
to Hybla Valley***
(\$1.46 B) 3.1 mi

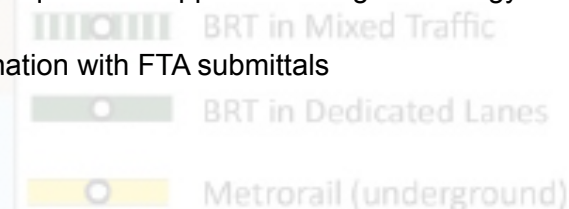
**Contingent upon future land use*





Planning for BRT

- Program Management Consultant (PMC).
 - Intended to guide the County through multiple phases of planning and implementation work associated with BRT on the Route 1 corridor. General tasks include the following:
 - Program Implementation Plan and Timeline
 - Develop Best Practice Policy Guidance Document
 - Develop Design Criteria
 - Aid with Quality Assurance/Quality Control Procedures and Oversight
 - Assistance RFQ development and scope preparation for Environmental, Final Design and Construction
 - Initial Environmental Review and Recommendation of level NEPA Documents
 - Right of Way Acquisition Assistance (Appraisals/Fee)
 - Develop Project Risk Management Areas
 - Project Delivery Strategy and Contracting Plan
 - Public Outreach Plan
 - 3rd Party Coordination
 - Identify Range of Vehicle, System Infrastructure and Vehicle Acquisition Support including technology
 - Federal Transit Administration Coordination/Submissions
 - Financial Analysis including Grant writing support and coordination with FTA submittals





County of Fairfax, Virginia

