



County of Fairfax, Virginia

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# Discussion of Converting Roads from the Secondary System to the Primary System

## Board Transportation Committee

May 6, 2014



## Follow up from the Board Transportation Committee meeting of February 4, 2014

1. Answer question about funding advantages as a result of Braddock Road being converted to a primary road.
2. Clarify whether the designation of a primary road affect land development cases?
3. Evaluate other secondary roads suggested to be studied for conversion to the primary system.
  - Old Keene Mill Road
  - Air and Space Museum Parkway



# Funding advantages of Braddock Road being converted to a primary road.

- Primary roads are given priority over secondary roads for maintenance and construction funding.
- Primary construction funding is approved by the Commonwealth Transportation Board (CTB). Secondary construction funding is approved by the Board of Supervisors.

### Other Considerations

- On Primary roads - the Commonwealth Transportation Board CTB approves final project configuration.
- On Secondary roads – final project configuration is approved by the Board of Supervisors.



## Does the designation of a primary road affect land development cases?

- Roadway design criteria is based on roadway speeds and traffic volumes.
- Primary roads that are designated as National Highway System (NHS) routes may have different design criteria requirements than other primary or secondary routes.



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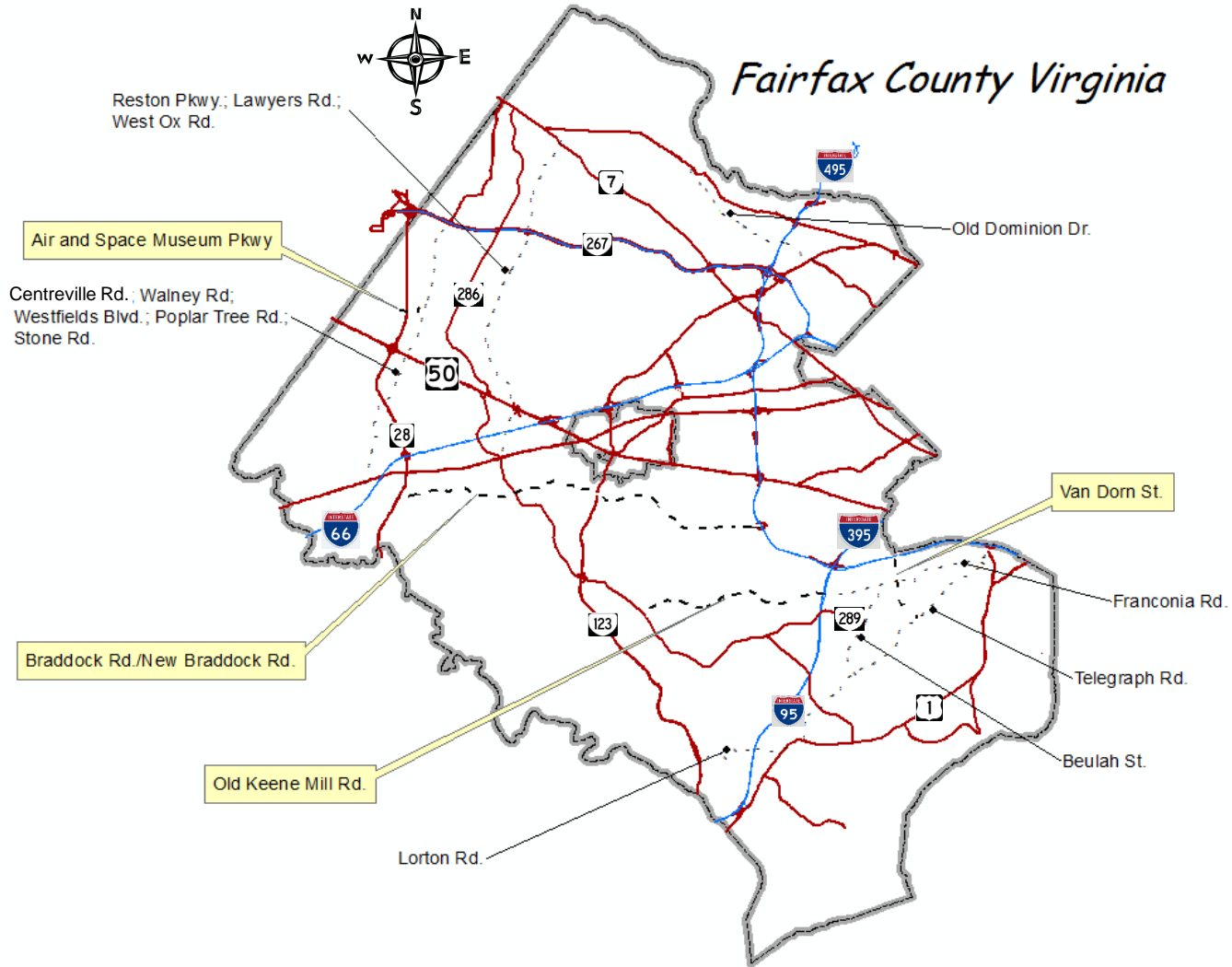
Staff was asked to evaluate Old Keene Mill Road and the Air and Space Museum Parkway for possible conversion to the primary system. Van Dorn Street was evaluated by VDOT independently.

Roadway Characteristics		VDOT's Revised Criteria CTB Approved February 2013										Meets a Majority of VDOT's Criteria
		Must Meet a Majority of the Criteria Below										
Road Name	Section	Length (mile)	Number of Lanes	Must Connect to a Primary or Interstate Highway	Serves as a link between activity centers not already linked by a Primary or Interstate	Minimum traffic of 10,000 VPD	Minimum of tractor trailer/bus volume of 200 per day	Functionally Classified as an Arterial	Designated as part of the NHS	Meets Current Standards for lane and shoulder width		
Braddock Road	Fr: I-495 To: Rte 123	5.9	4 to 6	YES	YES *	YES	YES	YES	NO	NO	YES *	
Braddock Rd./New Braddock Rd.	Fr: Rte 123 To: Rte 28	6.9	4	YES	YES	YES	YES	YES	NO	YES	YES	
Old Keene Mill Road	Fr: I-95 To: Rte 286	6.2	4 to 8	YES	NO	YES	YES	NO	NO	NO	NO	
Air and Space Museum Parkway	Fr: Entrance to Air and Space Museum To: Wall Road	1	2 to 4	YES	NO	NO	NO	NO	NO	YES	NO	
Van Dorn Street	From City Limits of Alexandria to Telegraph Road			Independently reviewed by the Virginia Department of Transportation - does meet criteria								YES

\* Braddock Road only serves as a link between Fairfax City and Centreville activity centers.



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- If the Board decides to convert roads from the Secondary to Primary system a letter to VDOT is required.
- VDOT limits the number of lane miles that can be converted to 50 miles or less statewide per year.



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# QUESTIONS / DISCUSSION