



Secondary System to Primary System Transfers

April 17, 2013

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Authority

Transfers from secondary to primary system authorized by § 33.1-34 of the Code of Virginia

- Subsection A
 - CTB approval required
 - Limited to 50 centerline miles each year
- Subsection B
 - Commissioner approval required
 - Limited to changes due to completion of maintenance or construction projects
 - No mileage limitation

Criteria Set by DPM 8 - 1 (CTB Resolution of Feb 2013)

- Must connect to primary or Interstate highway
- Must meet majority of following criteria
 - Serves as link between activity centers not already linked by primary or Interstate
 - Minimum traffic volume of 10,000 vehicles per day (VPD)
 - Minimum tractor-trailer/bus volume of 200 per day
 - Functionally classified as arterial
 - Designated as part of NHS
 - Meets current standards for lane width and shoulder width

Secondary-to-Primary System Transfers

- VDOT Business Plan (Item 4.2.2)
 - Evaluate transfer of additional selected secondary highways to Primary Highway System
 - In FY 2013, looked at National Highway System roads that are currently in the secondary system
 - Included secondary roads that were recommended for evaluation by districts

- Recent Activity
 - Transferred 48.8 miles at February 2012 meeting
 - Rte 3000 (Prince William County)
 - Rtes 7100 & 7700 (Fairfax County)
 - Transferred 7.5 miles at July 2012 meeting
 - Rte 863 (Pittsylvania County)
 - CTB revised criteria for transfer at February 2013 meeting

Highway Segments Studied

- 30 Highways Evaluated
 - In Albemarle, Chesterfield, Fairfax, Isle of Wight, James City, Prince William, Pulaski, and Stafford Counties
 - Evaluations conducted in two rounds

ROUTE	JURISDICTION	HIGHWAY NAME
631	County of Albemarle	5th Street
649	County of Albemarle	Airport Road
613	County of Fairfax	Wilson Boulevard
613	County of Fairfax	Van Dorn Street
638	County of Fairfax	Rolling Road
642	County of Fairfax	Lorton Road
644	County of Fairfax	Old Keene Mille Road
650	County of Fairfax	Gallows Road
703	County of Fairfax	Haycock Road
619	County of Prince William	Joplin Road
619	County of Prince William	Fuller Heights Road
660	County of Prince William	Piper Lane
687	County of Prince William	Dawson Beach Road
784	County of Prince William	Dale Boulevard
1306	County of Prince William	Express Drive
1779	County of Prince William	Potomac Mills Road
2000	County of Prince William	Opitz Boulevard
600	County of Pulaski	Belspring Road
623	County of Pulaski	Ammunition Plant
610	County of Stafford	Garrisonville Road
630	County of Stafford	Courthouse Road
684	County of Stafford	Staffordboro Boulevard
653	County of Chesterfield	Courthouse Road
641	County of York	Penniman Road
612	County of James City	Longhill Road
613	County of James City	News Road
614	County of James City	Greensprings Road
614	County of James City	Centerville Road
615	County of James City	Ironbound Road
669	County of Isle of Wight	Smiths Neck Road

Highway Segments Studied (cont'd)

- First round: highways that were classified as arterial and carried at least 10,000 VPD and 200 trucks/buses each day

ROUTE	JURISDICTION	HIGHWAY NAME	FROM	TO
613	Fairfax	Wilson Boulevard	Rte 7	Arlington County Limits
613	Fairfax	Van Dorn Street	Rte 611	Alexandria Corp Limits
644	Fairfax	Old Keene Mille Road	Rte 643	Rte 640
650	Fairfax	Gallows Road	Rte 29	Belleforest Drive
784	Prince William	Dale Boulevard	Rte 640	I-95
653	Chesterfield	Courthouse Road	Rte 360	Rte 60

Highway Segments Studied (cont'd)

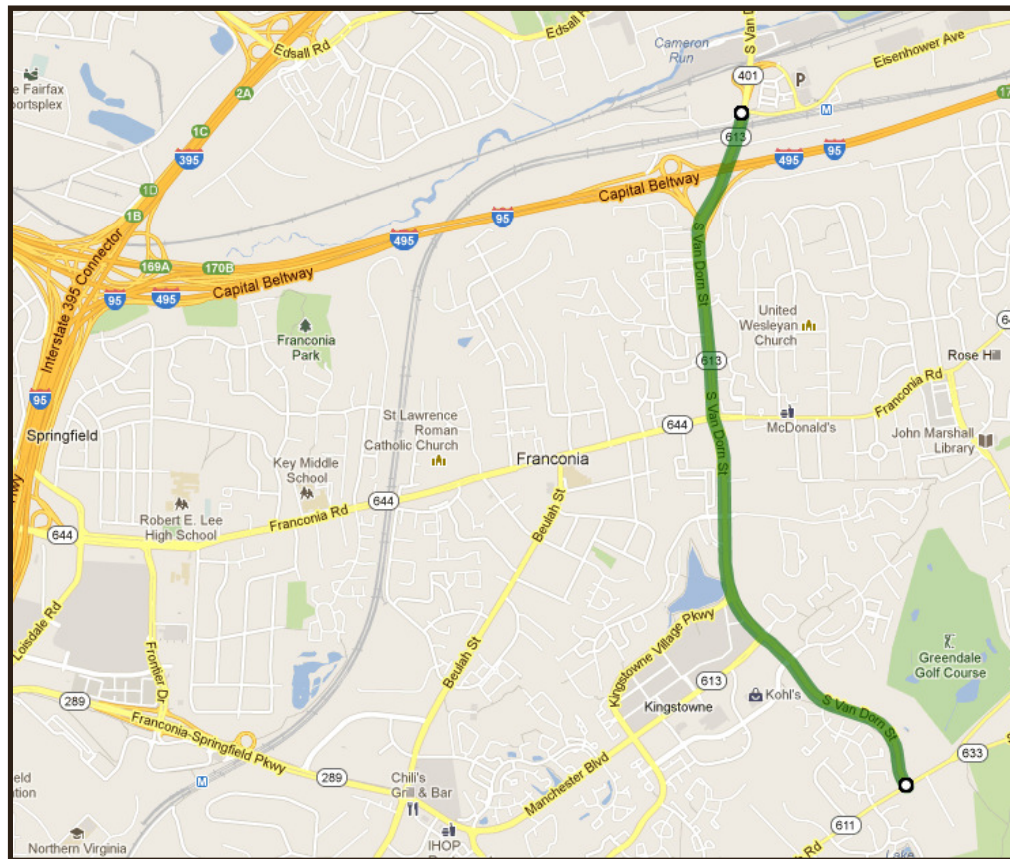
- Second round: connect activity centers, meet width standards, and overall system fit (length of potential designation, adjacent segments)

Route	Jurisdiction	Highway Name	Connects to Primary	Connects Activity Centers	10,000 VPD	Criteria			
						200 Trucks Buses	Arterial	NHS	Width Standards
613	Fairfax	Van Dorn Street	Yes	No	Yes	Yes	Yes	Yes	Yes
653	Chesterfield	Courthouse Road	Yes	No	Yes	Yes	Yes	Yes	Yes

- Both of these highways are extensions of existing primary highways so we do not end up with short segments of primary highways

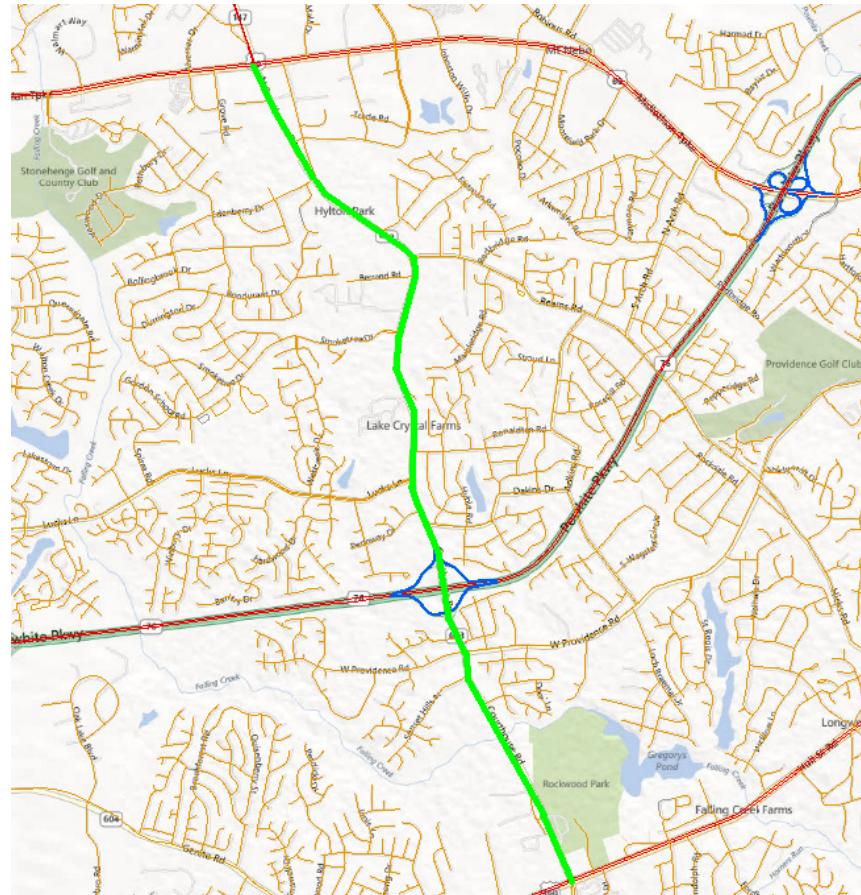
Van Dorn Street (Fairfax County) Rte 613

- Alexandria City Limits to Rte 611
 - Divided highway
 - 45 MPH
 - 42,000 VPD
 - Approximately 2.6 miles long - extension of Route 401



Courthouse Road (Chesterfield County) Rte 653

- Route 60 to Route 360
 - Divided highway
 - 45 MPH
 - 28,000 to 37,000 VPD
 - Approximately 4.8 miles long
 - An extension of Route 147



Impact of Transfer

- Construction Formula Allocations
 - Primary allocation formula: negligible
 - +10.4 lane-miles in NoVA District (~ 1560 existing lane-miles)
 - +23.5 lane-miles in Richmond District (~ 3400 existing lane-miles)
- Maintenance Condition Reporting
 - Maintenance condition reporting and targets by system
- Operations
 - Cost of revising signing (route markers, directional signing, interchange signing)
 - \$100,000 (est.)

Next Steps

- Solicit locality position on possible transfer
- Present draft resolution for transfer of secondary highway segments to Primary Highway System to CTB (depending upon locality recommendation)