



Criteria for Secondary to Primary System Transfers

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Impetus

- 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)
- VDOT Business Plan (Item 4.2.2)
 - Evaluate transfer of additional selected secondary highways to Primary Highway System
- Authorized under **§ 33.1-34 of the Code of Virginia**
 - CTB approval required (for non-project transfers)
 - Limited to 50 miles per (fiscal) year

Current Criteria

Current Criteria Set by DPM 8 - 1 (CTB Resolution of Dec 1998)

- In order for VDOT to present consideration of transfer to CTB, the highway must meet a majority of following criteria
 - Serves as link between interstate or intrastate highways
 - Serves site of historic or scenic interest
 - Connects county seats
 - Minimum traffic volume of 2,000 vehicles per day
 - Minimum of 7% out-of-state vehicles
 - Minimum of 20% light and medium duty trucks
 - Minimum of 2% tractor-trailers and buses
 - Minimum of 20% trips with length 25+ miles
 - Minimum of 5% trips with length 100+ miles

Reconsideration of Criteria

- Currently there are 9 Criteria (same as 1973 Criteria)
 - Except traffic volume (increased from 750 to 2,000 VPD in 1998)
- Cost
 - License plate study can cost over \$40,000 (for out-of-state %)
 - Origin-Destination study can cost over \$100,000 (for trip length)
- Consistency of Data
 - Light and medium duty truck % (differences in VDOT and locality counts)
- Relevance of Data
 - Freight movement better counted by tractor-trailer use
 - Functional classification covers issues of trip length, purpose, access
- No Individual Criterion is a Requirement
 - All are part of “must meet majority of” test

Study Results (Current Criteria)

Current Criteria	Information
Link Between Highways	Not a requirement so allows disjointed network
Sites of Historic/Scenic Interest	May leave out other tourist destinations
Connects County Seats	Leaves out other major activity centers
2,000 VPD or Greater	VPD chosen in 1998; significant traffic growth
7% or More Out of State	Data expensive to gather; relevance to primary
20% or More Light/Medium Trucks	Consistency of information; relevance to primary
2% or More Tractor-Trailers/Buses	Penalizes commuter routes
20% or More Trips of 25+ Miles	Data expensive to gather
5% or More Trips of 100+ Miles	Data expensive to gather

Recommended Changes to Criteria

- Eliminate
 - Light and medium duty truck percentage
 - Percentage of trip lengths
 - Percentage of out-of-state vehicles
- Modify
 - Increase minimum traffic volume
 - Tractor-trailer/bus percentage to a volume
 - Provides service to activity centers (not only historical and scenic sites and county seats)
- Add
 - Require system continuity
 - Functionally classification as a factor
 - NHS designation

Study Results (Proposed Criteria)

Criteria	Reasons
Required connection to primary or Interstate highway	Maintain system continuity
Connects activity centers not already connected	Cities, towns, UDAs, major commercial centers, airports, military bases, tourist sites
10,000 VPD or greater	840 segments eligible
200 or more tractor-trailers/buses per day	340 segments eligible
Functionally classified as arterial	Consistent with other states
Designated as NHS facility	National importance, federal oversight
Meets current design standards (lane width and shoulders)	Expectations of traveling public

Must meet a majority of these



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