



County of Fairfax, Virginia

Transportation in the Commonwealth: A Local Perspective

Virginia Association of Counties

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Supervisor Jeff McKay

Chairman, Fairfax County Board of Supervisors Transportation and Legislative Committees



- Countywide Dialogue on Transportation
- NVTAR Regional Efforts
- Transit in Fairfax County





Fairfax County Countywide Dialogue on Transportation: Project Selection





Background

February 2012 – Staff presented transportation funding needs to the Board and discussed possible sources of revenue.

Spring – Summer 2012 – Staff and the Transportation Advisory Commission developed and the Board of Supervisors approved a public outreach strategy.

Fall 2012 – the “*Countywide Dialogue on Transportation*” was conducted; numerous public meetings and a web survey were conducted to discuss potential new funding sources for transportation.

Winter/Spring 2013 – The Virginia General Assembly met and considered a variety of transportation funding strategies/bills, and adopted a transportation funding plan that included regional funding for Northern Virginia.



Purpose

- Evaluate unfunded projects based on several selection criteria, including public input
- Utilize all available revenue sources to meet the needs of these projects
- Assist the Board of Supervisors in selecting transportation priorities through FY 2020





Funding Outlook

- Staff has considered all available revenue sources for FY2014-FY2020.
- Revenues committed to projects in the Board's Four-Year Plan (FY2013-FY2016) have been excluded from discussion.
- A significant amount of funding comes from local and regional revenues. However, estimated increases in state funding for transportation projects in Fairfax County, due to the enactment of HB 2313, have also been included.
- Total estimated funding available through FY2020 is \$1.2 billion.
- The Board of Supervisors does not directly allocate all of these funds. However, this effort is intended to identify the Board's priorities to NVTa , CTB and others.



Update on Fairfax County Transportation Funding Deficit

Revised Estimate of Deficit

- \$3.00 billion deficit (10-year period) - February 2012
 - \$0.40 billion in assumed revenues from Tysons Funding Plan
 - \$1.16 billion in new regional funding from Transportation Bill
 - \$0.55 billion in new state funding from Transportation Bill
 - \$0.10 billion in assumed state Revenue Sharing funds
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\$0.79 billion deficit (10-year period)

\$79 million per year still needed.

NOTE: Need to maintain flexibility to include new projects.



PROJECTS





County Projects Needed

- The County has identified additional capital and operating projects necessary to provide a safe and efficient transportation network.
 - These projects are in addition to projects that are already funded and in progress.
 - These projects provide for new capacity. They do not address ongoing maintenance needs, because road maintenance is primarily a state responsibility, and most sources available to the County preclude maintenance.
 - The state will receive additional funding for maintenance from HB 2313.
 - This effort is only considering the next six years.
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Major Emphasis Areas

- Tysons Related Projects
- Base Realignment and Closure (BRAC) Improvements
- Transit service expansions for Dulles Rail, South County, and I-66 Corridor.
- Comprehensive Plan Improvements
 - Interchanges
 - Road Improvements
- Spot Improvements





Major Emphasis Areas (continued)



- Transit operating and capital (Countywide)
- Improvements in and Around Major Activity Centers
- Bicycle and Pedestrian Facilities





Criteria for Future Project Selection (Not in Priority Order)

- Congestion Reduction*
- Economically Disadvantaged Populations
- Mode Balance
- Safety
- Travel Time Savings*
- Community Input
- School and Park Access
- Regional Consideration (included in NVTa TransAction 2040)
- Countywide Balance
- Disabled/Elderly Populations
- Economic Development (support for revitalization areas and major Activity Centers)
- Healthy Communities Initiative
- Air Quality*

Staff will continue to evaluate criteria for project selection in addition to Cost/Benefit Analysis.

*Included in the Cost Benefit Analysis



Cost Benefit Analysis

What is the Cost Benefit Analysis (CBA)?

- A systematic process for calculating and comparing benefits and costs of a project.

Why use a CBA?

- Tool to help determine if a project is a sound investment.
- Helps provide a basis for comparing projects within categories.
- County's method streamlines project data collection process.
- ***Only one criteria of many for project selection.***



Cost Benefit Analysis (continued)

Some benefits incorporated in the CBA:

Highway and Transit

- Travel time savings
- Vehicle operating cost savings
- Congestion Reduction
- Collective emissions reductions

Bicycle and Pedestrian

- Qualitative evaluation of several factors
 - Employment and household density
 - Transit Proximity
 - Connectivity, etc.

NOTE: CBAs are not comparable across categories.



Community Feedback

- The County developed a list of 216 projects of various modes and is now seeking community feedback On the proposed list through:
 - Four county-wide public meetings
 - Presentations by request at civic groups, community meetings
 - Online survey
 - Submit comments by email
 - Social voting in IdeaScale





Information Available Online

Web Page - <http://www.fairfaxcounty.gov/fcdot/cdot/>

- Overview & background
- Links to projects, presentation, documents

Social Media

- Facebook page, Twitter
 - Links to web, YouTube
- Social voting via IdeaScale



*QR code will direct you
to outreach Web page.*

Additional Outreach Opportunities

- Presentations by Request
 - Channel 16/YouTube video
 - Ads on buses with QR codes for more information
 - Gas Station TV ads
 - “Ask Fairfax” chat
 - 11/12 from 11am to 12pm
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Schedule/Next Steps

- 10/16/13 – 11/15/13 Outreach Takes Place
- 11/2013 – Individual Meetings with Board Members
- 11/19/2013 - Return to Transportation Advisory Committee with results of public outreach.
- 12/4/13 – Distribute Summary of Recommendations to Board
- 12/10/13 – Board Review & Discussion of Project List
- January 2014 – Board adopts Priority Project List
- Spring 2014 – Staff returns to the Board with a proposed funding plan (cash-flow) for the priority projects.



Project Implementation

The Department is evaluating areas to improve and streamline project delivery. Examples include:

- Improve project scoping.
- Implement design/build model.
- Reduce/Streamline VDOT review process.
- Coordination between external agencies and other County Departments.
- Evaluate other structural changes to the Department.
- Improving cost estimates through the CBA process.
- Improve estimation of project schedules.

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NVTA Regional Efforts





NVTA Actions

- NVTA established five working groups (Financial, Legal, Project Implementation, Public Outreach and Organizational) to assist it in implementing HB 2313 and in its organization functions.
 - NVTA solicited projects from its member jurisdictions and agencies and evaluated the projects using a multi-tiered process.
 - NVTA held two public meetings on projects -- on June 20 and July 24.
 - At its July 24, 2013, meeting, the NVTA took several actions, including:
 - Approving the FY 2014 project selection process
 - Approving the FY2014 program, which includes a Bond List and a Pay-As-You-Go Project List
 - Hiring an Interim Executive Director
 - Authorizing the initiation of a bond validation proceeding to test the validity of the bonds, processes, and authorizing statutes.
 - The Court has since validated the Authority's actions and no notice of appeal filed within the deadline.
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Fiscal Year 2014 Program

- 25 Pay-As-You-Go Projects totaling \$116,058,00
 - 59% Roadway and 41% Transit
- 15 Bond Funded Projects totaling \$153,300,000
 - 59% Transit and 41% Roadway
- Projects include:
 - VRE Lorton Station Second Platform
 - Innovation Center Metrorail Station
 - VRE Rolling Stock
 - Traction Power Upgrades on the Metrorail Orange Line in Virginia
 - Route 28 Widening projects in Fairfax, Loudoun, and Prince William Counties
- Full list can be found at: <http://thenovaauthority.org/>





Project Selection Beyond FY 14

- VDOT project evaluation and rating is based on congestion relief and emergency evacuation.
- NVTa to consider ways to develop a Six-Year Program.
- NVTa to consider an initial bond issuance.
- Significant coordination with state agencies and local governments will be required to ensure that projects are funded from the optimal source.
- Many projects may be funded from multiple sources.
- Joint public hearings with the Commonwealth Transportation Board have been suggested.



Transit in Fairfax County





Major Fairfax Connector Projects

2011-2012: Ft. Belvoir Base Realignment and Closure (BRAC) Service Changes

- The majority of South County Connector Routes were modified in September 2011 to support BRAC efforts
 - New connections provided to Ft. Belvoir main post (in 2011) and Ft. Belvoir North Area (in 2012)
 - New connections to/from Lorton VRE Station
 - Faster connections to/from the Franconia-Springfield Metro Station
 - Schedules were modified in 2012 to improve rail connectivity
 - New service funded with Local Commercial and Industrial Property (C&I) Revenues
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Major Fairfax Connector Projects

2013: Tysons Express Routes

- Three new Connector routes began operating in early CY2013
 - Route 493: Lorton-Tysons
 - Route 494: Springfield – Tysons
 - Route 495: Burke – Tysons
- Funded with C&I Revenues
- Provide service to the new Saratoga P&R (Route 493)
- Routes will be modified to provide service to the Tysons Silver Line stations in 2014



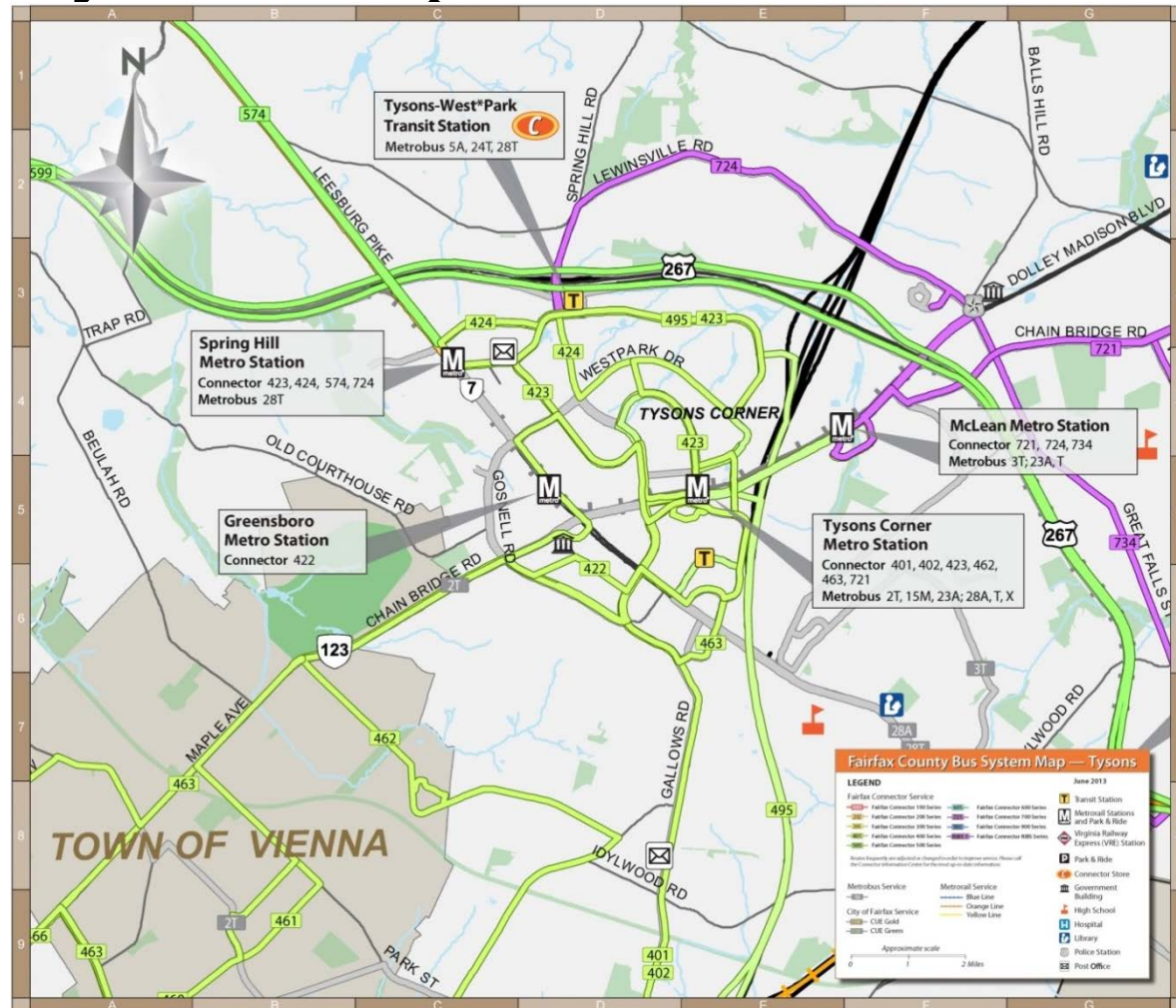
Major Fairfax Connector Projects

2014: Silver Line Bus Service Plan

- Majority of the Connector routes in the Dulles Corridor, Vienna and Tysons are changing to support the new Silver Line
 - 16 new bus routes
 - 28 modified bus routes
 - Approximately 50% of all Connector bus service is changing
- New routes funded with C&I Revenues, HB2313
- Provide service to the new Silver Line Stations in Reston and Tysons
- For more information: www.fairfaxconnector.com



Tysons System Map





Questions?

