

Tysons Transportation: Planning, Analysis, and Design Projects

Presented to: Transportation Committee, Fairfax County Board of Supervisors June 15, 2009

Department of Transportation



Monday, 22 June 2009



Major Considerations

- Balance between land use and transportation
- Tysons Task Force Vision document
- Multimodal, cost-effective transportation system
- Tysons Comprehensive Plan text
- Neighborhood impacts





Project Categories

- Long Term Overall Planning
- Detailed Analysis and Design
- Other Requirements



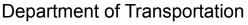


Long Term Overall Planning

- Provide estimates of future traffic volumes, levels of congestion, etc.
- Determine transportation infrastructure requirements
- Provide basis for state-required Chapter 527 report.

Projects:

- 1. Beyond 2030 Transportation Analysis
- 2. 2030 Transportation Analysis
- 3. Transportation Phasing Analysis (includes 2020 analysis)







Detailed Analysis and Design

- More detailed planning and operational analysis to further define transportation infrastructure
- Conceptual design and engineering
- Right-of-way requirements
- Costs

Projects:

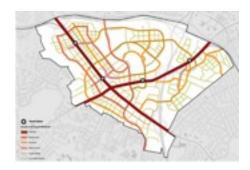
Shorter Term Transit TDP (Phase II)



Circulator (Phase III – Long Term)



Grid





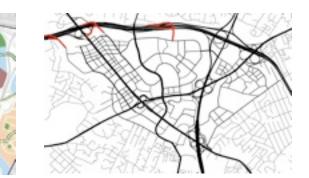


Detailed Analysis and Design (continued)

Projects (continued):

Greensboro Drive and Boone Blvd. Alignment

New DTR Ramps



Urban Street Design Standards







Other Requirements

- Transportation Management
- Neighborhood Impacts
- State requirements (Chapter 527)
- Costs

Projects:

- 1. Parking and TDM Requirements
- 2. Metrorail Access Management
- 3. Neighborhood Traffic Impact Study
- 4. Chapter 527 Submission to VDOT
- 5. Cost Analysis of Transportation Improvements to Tysons





Future Transit Service Plans for Tysons Corner

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Topics

- Improved Transit Services Within and To Tysons Corner
- Funding Options for Improved Transit Services





Improved Transit Services

- Phase I Dulles Transportation Management Program (TMP) Lunchtime Shuttle (2009 to 2013)
 - Shuttle bus service to major employment, commercial centers in Tysons Corner
 - Existing bus connections to surrounding neighborhoods and region
 - 15-minute service in each direction, 10:00-2:30 weekdays
 - No fare
 - Estimated cost \$6.1 million
 - Funding from \$25 million Dulles TMP budget, but not yet committed





Improved Transit Services (cont.)

- Phase II Tysons/Rail Connection Services (2013 to coincide with Metrorail opening)
 - New internal shuttle bus service within Tysons linking Metrorail to employment, commercial centers (several design options)
 - New feeder bus services linking surrounding neighborhoods to Metrorail and Tysons Corner
 - Existing and new bus connections to other parts of region
 - Service characteristics and funding requirements being developed as part of 10-year Transit Development Plan (TDP)
 - Funding sources not yet determined, except for \$100,000 for TDP Tysons task from Tysons Fund
 - TDP funded at \$1.815 million from NVTC, Tysons Fund, and Fund 100





Improved Transit Services (cont.)

- Phase III Long-Term Circulator Service (implementation TBD)
 - Service on dedicated right-of-way along conceptual alignments proposed by Tysons Land Use Task Force
 - Mode and other operating characteristics have not been determined
 - Required funding levels have not been determined
 - Funding sources have not been determined, except for \$500,000 from Tysons Fund to determine best routing, operations, phasing, and maintenance requirements
 - Bus connections to other parts of region beyond service area of Circulator will be maintained as required





Funding Options

- Will need to consider funding from various sources, including:
 - General Fund
 - NVTC funding
 - VDRPT grants
 - Commercial and Industrial Tax (after 2012)
 - Improvement District
 - Community Development Authority
 - Proffers/contributions by landowners
- Required funding levels are being developed
- Funding commitments need to be identified to implement all three phases of improved transit services
- All potential sources of funds will need to be considered





County of Fairfax, Virginia

Questions?

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