



County of Fairfax, Virginia

Tysons Transportation: Planning, Analysis, and Design Projects

Presented to:

Transportation Committee,
Fairfax County Board of Supervisors
October 20, 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



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Project Categories

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



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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)



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Detailed Analysis and Design

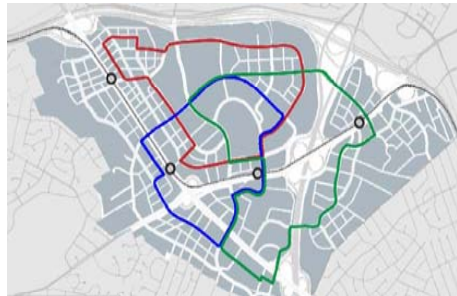
- More detailed planning and operational analysis to further define transportation infrastructure
- Conceptual design and engineering
- Right-of-way requirements
- Costs

Projects:

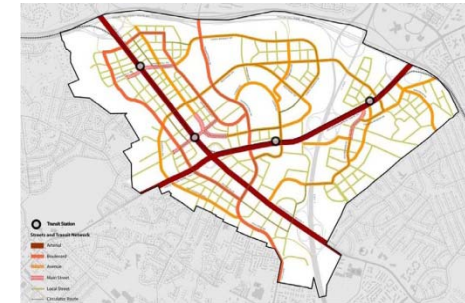
Shorter Term Transit
TDP (Phase II)



Circulator (Phase III –
Long Term)



Grid





Detailed Analysis and Design (continued)

Projects (continued):

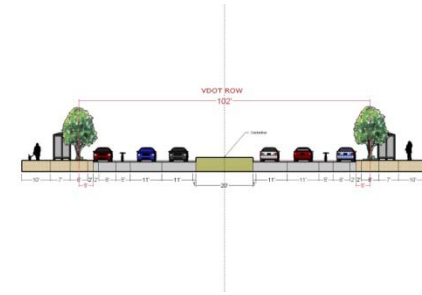
Greensboro Drive and
Boone Blvd. Alignment



New DTR Ramps



Urban Street
Design Standards





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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



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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



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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
 - 10-minute service in each direction, 10:00-2:30 weekdays
 - No fare
 - Estimated cost \$6.1 million
 - Funding from \$25 million Dulles TMP budget



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)



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



Funding Options

- Will need to consider funding from various sources, including:
 - General Fund
 - NVTC funding
 - VDRPT grants
 - Commercial and Industrial Tax
 - 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



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Questions?