County of Fairfax, Virginia

Tysons Transportation: Planning, Analysis, and Design Projects

Presented to:
Transportation Committee,
Fairfax County Board of Supervisors
October 20, 2009

Department of Transportation
Major Considerations

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

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
  ● 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
Questions?