envision
LOUDOUN
our county • our future
Comprehensive Plan
Stakeholders Committee Meeting

March 19, 2018
Agenda

1. Welcome / Administrative Items / Information Updates
2. Meeting Objectives
3. Development Impacts and Preservation Efforts
4. Break
5. Coordination and Prioritization
6. Implementation
7. Adjourn
Meeting Objectives

1) Discuss Outstanding Topics from March 12th
2) Review Plan Structure
3) Discuss Transportation Plan Chapters
4) Gather Feedback on Recommended Policies
5) Discuss Plan Coordination, Prioritization, and Implementation
Rural Corridors

• Proposed to retain currently adopted CTP conditions, incorporating specific Board direction regarding:
  • Route 15 north of Leesburg
  • Route 7 west of the Dulles Greenway

• Board direction for no land use changes in the RPA

• Will be able to provide forecasted traffic volumes to Stakeholders Committee with travel demand model outputs
Transportation Plan Components

• Policies
  • Provide specific policy direction

• Toolkits
  • Provide best practices and guidance
  • Provide flexibility

• Maps and Street Sections
  • Provide plans for transportation network elements
  • Maps related to vehicular and bike/ped network facility locations
  • Street sections related to the design elements of each planned street (replaces Appendix 1 and Appendix 6 of the 2010 CTP)
Transportation Plan Outline

1. Introduction
2. Vision for Transportation
3. The Countywide Transportation Network
4. Built Environment & Geographic Policy Areas
5. Air Travel
6. Mitigating the Impacts of Development
7. Regional, State & Local Coordination
8. Environmental & Heritage Resources
9. Prioritization & Funding
10. Implementation
## Travel Lanes – Total Lane Miles

<table>
<thead>
<tr>
<th></th>
<th>Adopted CTP</th>
<th>Draft CTP Presented March 12&lt;sup&gt;th&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Lane Miles in Plan (2018)</td>
<td>1,703</td>
<td>1,854</td>
</tr>
<tr>
<td>• Constructed Lane Miles (2018)</td>
<td>1,300 (76%)</td>
<td>1,425 (77%)</td>
</tr>
<tr>
<td>• Unbuilt Lane Miles (2018)</td>
<td>403 (24%)</td>
<td>429 (23%)</td>
</tr>
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*125 **Constructed** Lane Miles Added to Plan

**26 Net New **Unbuilt** Lane Miles New to Plan
Development Impacts and Resource Preservation

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Land Development Review

• **Review of Land Development Applications**
  • *Legislative Applications*
    • Rezoning Applications
    • Special Exception Applications
    • Commission Permits
    • Comprehensive Plan Amendments (Board-initiated)
  • *Ministerial Applications*
    • Site Plans
    • Subdivisions
    • Dedications and Easements
Land Development Review

- DTCI Review of Land Development Applications
  - Conformance with Transportation Plan
  - Evaluation of Trip Generation
  - Mitigation of Impacts
    - Proffers
    - Conditions
    - By-Right Applications
  - Site Access, Site Circulation, and Parking Availability
  - Maintenance of Traffic Operations
    - Special Events
Environmental and Heritage Resources

• Transportation Impacts
  • Environmental Preservation
    • Air Quality
    • Water Quality
    • Noise Exposure
  • Heritage Resource Impacts
    • Scenic Byways
    • Historic Corridors
    • Historic Structures and Communities
    • Context-Sensitive Design
Transportation Plan
Development Impacts and Resource Preservation
Discussion
Plan Coordination and Prioritization

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Regional, State, and Local Coordination

• Provides Guidance for DTCI to Engaging in Organizations
  • Regional
    • National Capital Regional Transportation Planning Board (TPB)
    • Metropolitan Washington Council of Governments (MWCOG)
    • Northern Virginia Transportation Authority (NVTA)
    • Northern Virginia Transportation Commission (NVTC)
    • Metropolitan Washington Airports Authority (MWAA)
    • Washington Metropolitan Area Transit Authority (WMATA)
  • State
    • Commonwealth Transportation Board (CTB)
    • Virginia Department of Transportation (VDOT)
    • Virginia Department of Rail and Public Transportation (DRPT)
    • Route 28 Highway Transportation Improvement District Commission and Advisory Board
  • Local
    • Neighboring Counties and Towns
Potomac River Crossing Study

• **Board Direction to Staff on June 29, 2017:**
  • *Develop narrative statement in the Envision Loudoun CTP update to:*
    • Express Board’s intent and support for a future Potomac River crossing in Loudoun County, east of Goose Creek
    • Summarize transportation and economic development benefits of such a crossing
  • *Identify a series of potential corridors recommended by staff for further analysis of:*
    • Social, cultural, historical, environmental, and transportation impacts of a future crossing to better position the County for use of Federal and State funding where a formal environmental assessment document would be required to move a project forward
Potomac River Crossing Study

• Board Direction to Staff on June 29, 2017:
  • Show all identified potential corridors in the updated CTP document
  • Continue regional and multi-state coordination efforts, at the Board’s direction, that advance concept of a new crossing and monitor funding availability to plan for future implementation of the project
Prioritizing Improvements

• Guidance for Board prioritization of Projects based on:
  • Project importance (missing links, major roads, regional trails, etc.)
  • Funding sources and mechanisms
  • Plan policies

• Intended to guide capital improvement program discussions

• Not a specific list of projects
  • Too inflexible
  • Rapidly changing conditions
  • Cannot anticipate proffers
Available Funding Mechanisms

• General Obligation Bonds, Lease Financing and Revenue Bonds
• Local Tax Funding
  • $0.02 per $100 of assessed value of real estate for roads
  • Annual Fund Balance
• Proffers (Cash and In-Kind)
• State Grant / State Capital Assistance for Transit
• Gasoline Tax
Available Funding Mechanisms

• Congestion Mitigation and Air Quality (CMAQ) Funds
• Regional Surface Transportation Program (RSTP)
• Transportation Alternatives Program (TAP)
• VDOT Revenue Sharing
• HB 2313 Regional Funds
  • NVTA 70% Competitive Funds
  • NVTA 30% Formula Funds
Available Funding Mechanisms

- NVTC Transform I-66 Funds
- VDOT Smart Scale Funds (formerly HB-2)
- Secondary Road Improvement Program (SRIP)
- Public-Private Transportation Act of 1995 (PPTA)
- Other Available Funding Programs, including:
  - Federal TIGER Grants
  - FHWA Transportation Alternative Program
  - Federal TIFIA Loans
  - Virginia Transportation Infrastructure Bank Loans
Transportation Plan Coordination and Prioritization Discussion
Plan Implementation Steps

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Development of Implementation Steps

• Based on plan goals developed by Stakeholders and Board of Supervisors

• Provides for future plan amendments, supports ordinance amendments, and encourages action to achieve plan policies

• Considers opportunities for benchmarking, tracking, and ensuring efficiency

• Seeks to protect and improve quality of life
Discussion on Implementation

- Consideration of Implementation Steps Based On:
  - New policies
  - Increased County commitment to CIP transportation funding
  - Creation of actionable steps
  - Opportunities to consolidate and simplify
  - Evaluation of actions that have not been implemented
  - Removal of actions that are no longer relevant or that County has addressed
  - Revision of language to recognize ongoing County activities, incorporation a positive tone, and focus on desired outcomes
Implementation Step Guidelines

• **Implementation steps aim to:**
  - Be broad enough to provide flexibility based on studies and future conditions
  - Be direct enough to provide guidance for future Board action(s)
  - Encourage reevaluation and reconsideration of plan policies and opportunities for adoption into ordinances (where appropriate)
  - Recognize the role of the Comprehensive Plan as the guiding document for all future efforts and ordinance amendments
  - Identify long-range ambitions deriving from this plan
Transportation Plan
Implementation Discussion
Next Steps

Prepare chapters using all feedback received:
- Stakeholder Committee
- Public Outreach (Online and Meetings)
- STAC
- Return to Stakeholders Committee with completed plan

Ongoing Work:
- Completion of transportation plan draft
- Macro-level modeling of transportation impacts