



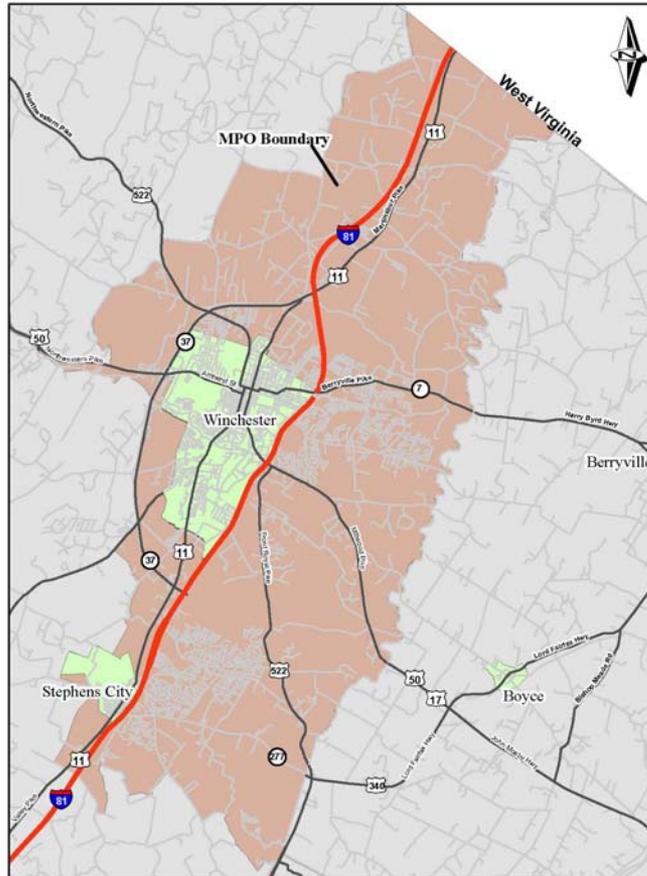
Winchester Frederick County Metropolitan Planning Organization

Presentation to the Commonwealth Transportation Board
July 14, 2010

Richard Shickle: Win-Fred MPO Chairman
Chris Price: NSVRC Executive Director

Win-Fred MPO

Winchester-Frederick County MPO Boundary



- Established in 2002
- Localities:
 - City of Winchester
 - Urbanized portions of Frederick County
 - Town of Stephens City
- Based on population density
- May change after the 2010 Census

Location

- Northernmost point in Virginia
- Situated along I-81, seven miles north of I-66 interchange
- Approximately 50 miles west of Dulles International Airport

Metro Region

The Winchester/Frederick County metropolitan area is the economic, educational, and cultural hub of the Northern Shenandoah Valley

Demographics

Population Growth and Density

Winchester/Frederick County Population (2000): 82,700

Winchester/Frederick County Population (2010): 104,000

Northern Shenandoah Valley Population (2010): 225,000

MPO area: 103 square miles (650 persons/sq. mile)

Northern Shenandoah Valley area: 1600 square miles
(140 persons/square mile)

Employment

- **Major Employers**

- Valley Health Systems
- Rubbermaid
- Shenandoah University
- O’Sullivan Films
- Shockey Brothers, Inc.
- Trex Company
- H.P. Hood, Inc.
- Lord Fairfax Community College
- Kraft Foods
- Kohl’s Distribution



Major Highways

- **Major Roadways**
 - Interstate 81
 - Route 37
 - Route 522
 - Route 7
 - Route 11

MPO Administration

- Three Committees meet monthly
 - Policy Board (governing body)
 - Technical Advisory Committee
 - Citizens Advisory Committee
- Major projects overseen by Project Steering Committee
- Administered by Northern Shenandoah Valley Regional Commission

Transportation System Management

Supply Management

- System preservation (e.g. access management)
- Safety improvements
- Alternative infrastructure (e.g. roundabouts)
- System investments (e.g. completion of Route 37)

Demand Management

- Expanded local transit options
- Long distance commuter assistance programs
- Expanded employment opportunities

Priority Projects

- **2035 Long Range Transportation Plan**
 - Currently being updated with a slated Fall 2010 adoption
- **Route 37 (Shady Elm) Phases I and II**
 - Phase II alternatives still under review
- **Route 7 Corridor Study**
 - Completed in February 2010
- **Route 11 Corridor Study**
 - Presentation of findings and recommendations recently conducted
 - Draft report to be presented in July
- **Route 522 Corridor Study (joint effort with Rural Region)**
 - Recent presentation of draft report to MPO
- **City and Countywide Transit Services Plan**
 - Completed in August 2009

2035 LRTP

- Principal planning responsibility for MPO
- Required by federal law
- Regional prioritization of transportation priorities
- Local stakeholder input
- Ensures planning and programming coordination with Commonwealth Transportation Board

Route 37/Shady Elm

- Evaluating alternatives to provide access to Shady Elm Road from Route 37
- Economic development benefits
- Transportation and land use challenges
- Need to improve accessibility, traffic flow, and safety while maintaining existing access to Route 11

Route 37/Shady Elm



Route 7

- East west arterial connecting Winchester metropolitan area to Northern Virginia
- Peak hour congestion issues
- Identified access management improvements and demand management options to preserve system capacity

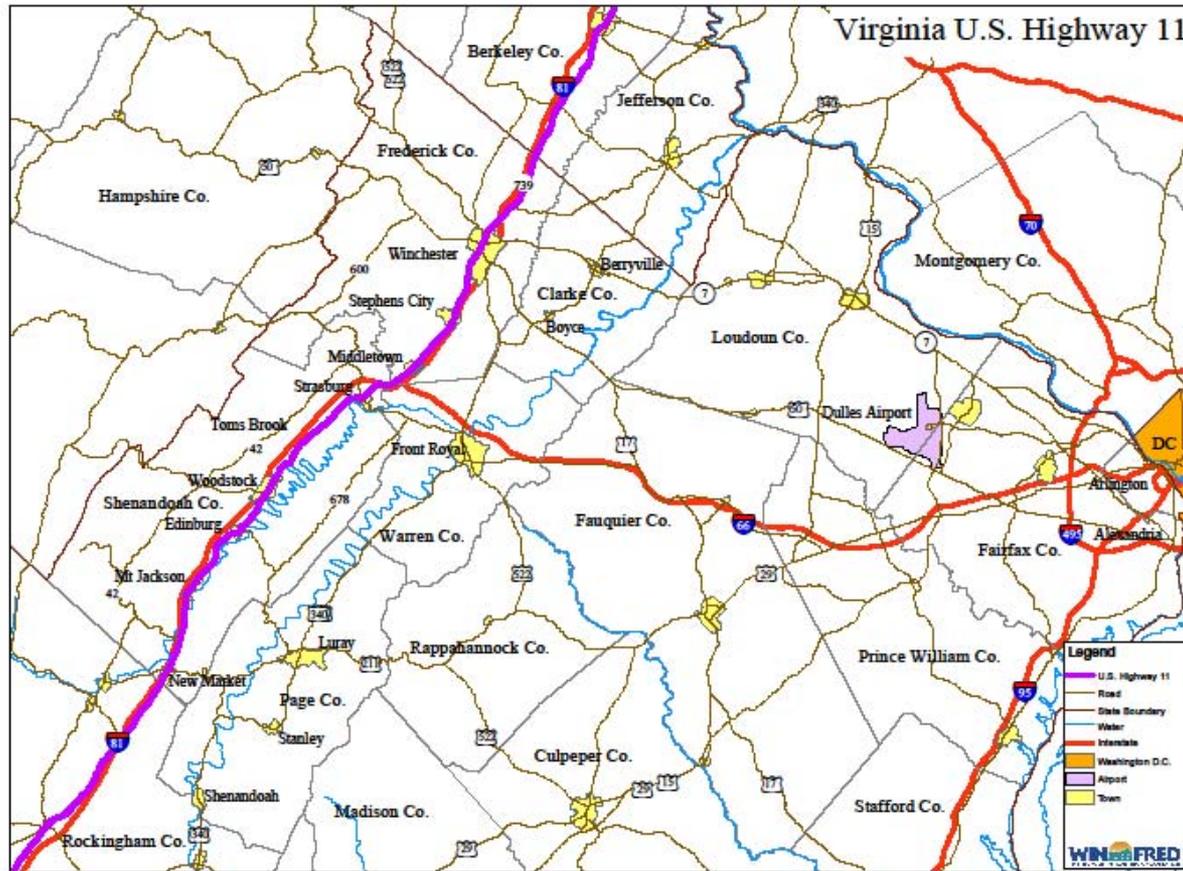
Route 7



Route 11

- Critical north-south arterial parallel to I-81
- Contains urban, suburban, and rural segments
- Peak hour congestion and safety issues
- Study conducted by VDOT TMPD
- Currently evaluating access management options
- Examining alternative solutions (e.g. roundabouts)

Route 11

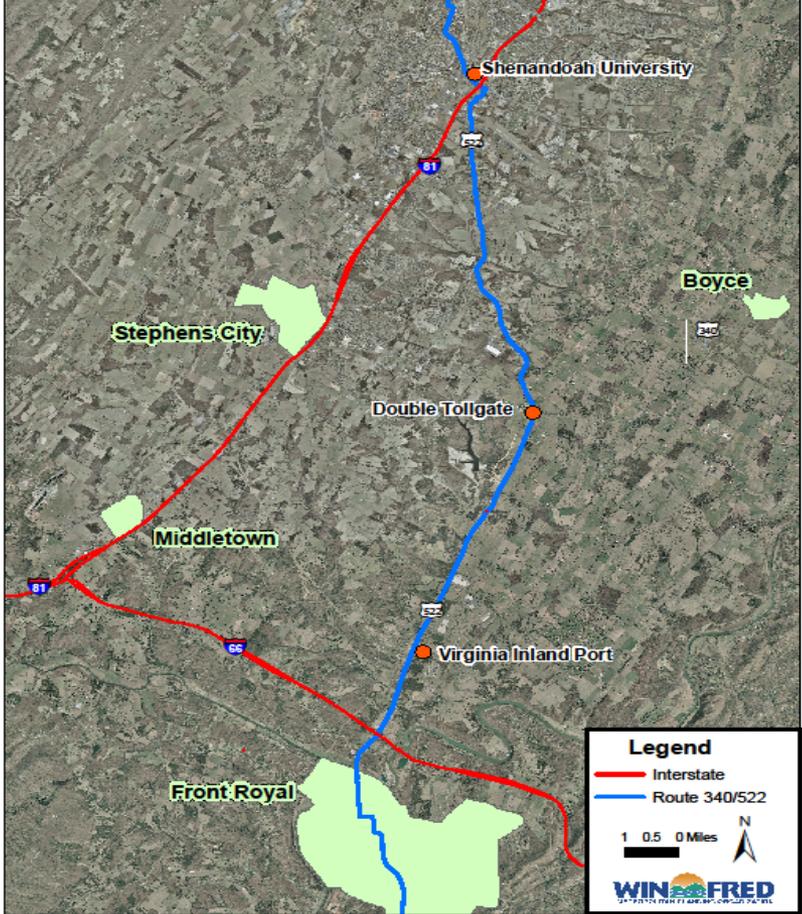


Route 522

- Major north-south arterial
- Joint study between Win-Fred MPO and NSVRC to evaluate access management and safety improvements from Winchester to Front Royal
- Corridor includes Virginia Inland Port and regional airport
- Currently seeking public input

Route 522

U.S. Highway 522 From Pleasant Valley Rd to Front Royal, Virginia



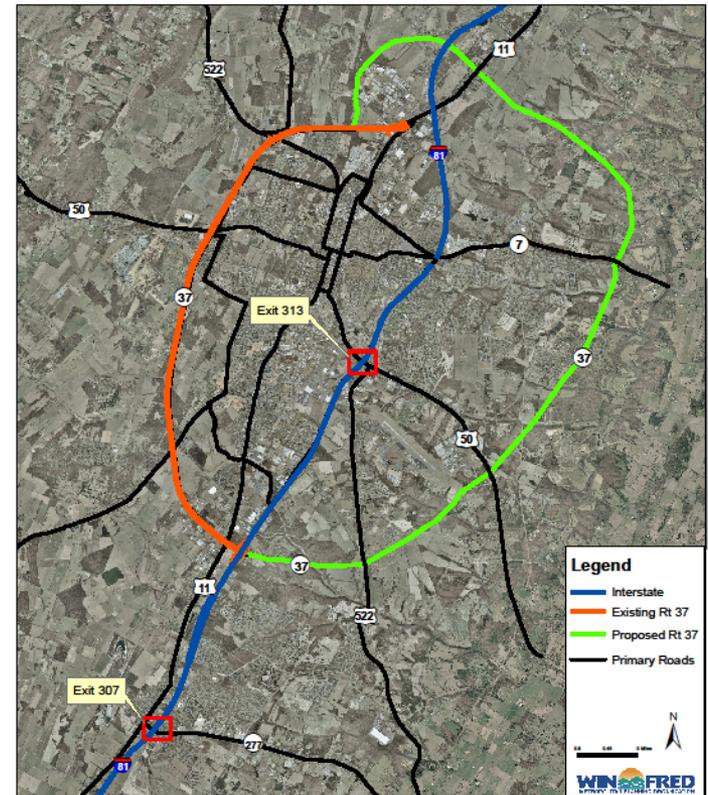
Transit Services Plan

- Expansion of Winchester Transit (WinTran) to provide fixed route service to strategic locations in Frederick County
- Expansion of demand response transit services coordinated with existing public, private, and non-profit providers
- Coordinate local and long-distance commuter infrastructure (e.g. transit service centers, park and ride lots, etc.)

System Investment Priorities

- Completion of Route 37 bypass
- Replacement of the I-81 exit 313 interchange
- Relocation of the I-81 exit 307 interchange

Major System Investment Priorities



Thank You!

Winchester Frederick County MPO

Chairman: Mr. Richard Shickle

Secretary: Mr. Christopher Price

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