Eastern Loudoun County Transportation Study

Presented to the Loudoun County Economic Development Commission

May 3, 2013
Transportation and the community:

• Transportation effects every citizen/business
• Transportation drives our:
  – Economic vitality
  – Quality of life, and
  – Creates jobs
• Paradigm shift nationally
  – Less federal government support
  – Private sector integration; and
  – State and Local government roles increasing
Background:

• BOS initiated assignment, January 3, 2012
• BOS defined the study area
• BOS directed the components of the study:
  – Identify network deficiencies
  – Missing links
  – Estimated cost to build
  – Identify development proffers and timing
  – Identify R.O.W. availability, and
  – Potential funding sources
Our approach:

• March 7, 2012 – Staff reported on the system
• 103 Road segments were identified missing/deficient
• Planning area broken into three areas:
  – PH. 1 – north of Waxpool Road
  – Ph. 2 – south of Ryan Road
  – Ph. 3 – South of Waxpool Road, north of Ryan Road
• Three primary tasks:
  – Proffer research,
  – Cost estimating, and
  – mapping
Cost Estimating:

• Pre-design methodology used; cost per linear foot
• Engineering assumed, 15% of construction
• Estimates do not include:
  – Right-of-way costs
  – Utility relocations
  – Extensive earthwork
  – Unusual environmental remediation, or
  – Refined costs on any major bridge structures needed
Phase Reports Presented:

• Staff presented the partial findings:
  – Phase 1 – November 7, 2012, 26 segments
  – Phase 2 – April 3, 2013, 37 segments

• Remaining Phase 3 segments still remaining

• Report includes:
  – Segment name
  – Segment length
  – Category of improvement needed
  – Estimated cost
  – Proffers available
www.loudoun.gov/easternloudountransportationstudy

- Available on County website
- Includes interactive map
BOS Strategic Planning Retreat:

• September 2012 BOS held strategic planning retreat
• Transportation identified as a major priority
• BOS directed staff to develop a Capital Budget to include numerous transportation projects
• Rt. 7 at Rt. 659 (Belmont Ridge Rd) interchange
• Rt. 7 at Rt. 690 interchange
• Russell Branch Parkway
• Waxpool Rd (2 projects)
• Alder School Rd
• Crosstrail Blvd
• Riverside Parkway
• Claiborne Parkway
• Tall Cedars Parkway
• Smith Switch Road
• Belmont Ridge Rd
• Belfort Park Improvements
• The Woods Rd
• Shreve Mill Rd
• Gloucester Parkway
• Mooreview Parkway
• Woodgrove High School – Fields Farm Access Rd, and
• Rt. 606
Project prioritization:

- Board of Supervisors direction
- Conformity to adopted plans
- Community support
- Congestion relief/Operational benefit
- Project costs
- Available funding
- Economic impact
- Percent of the population serving
Our Strategy Forward:

• Complete the Phase 3 portion:
• Complete the system needs assessment
• Develop a prioritization schedule
• Develop a financial model to implement the projects
• Seek out innovative solutions to streamline delivery
• Program the projects in subsequent capital budgets
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Questions
Phase 1:
Phase 2:
Phase 3: