Corridor Preservation Ongoing Efforts

Formalized Technical Work Group

- District Representatives
  - Area Land Use Engineer
  - Transportation Land Use Director
  - Location & Design (PE Manager)
  - District Planner
  - District Traffic Engineer
- Central Office
  - Transportation and Mobility Planning Division (TMPD)
  - Office of Land Use
  - Location & Design (L&D)
  - Traffic Engineering Division (TED)

Formalized Executive Steering Committee

- Two District Administrators – Lynchburg and Salem
- Division Administrators from TMPD, Office of Land Use, L&D, TED
Corridor Preservation Ongoing Efforts

Strengthening Policies and Procedures

- VDOT has initiated a review of current policies and procedures for design and/or permit approval as they relate to traffic signals and access points:
  - Access Management Regulations - subject to Administrative Process Act (APA) procedures
    - Access management/signal spacing exceptions
  - VDOT design spacing standards
  - Roles and Responsibilities
  - Alternative intersection design policy and guidance
  - VDOT’s role in project development on Urban extension projects

- Review process is focused on enhancements to current policies to encourage innovative strategies to preserve capacity and safety
- Findings and recommendations from policy review will be summarized for presentation to Board this spring
Corridor Preservation Ongoing Efforts

Inventory access points on “State Arterial Network”

- Working with UVA Center for Risk Management of Engineering Systems on inventorying and categorizing every access point on the CoSS and NHS
- Initially focusing on pilot corridors in Lynchburg and Salem Districts
  - 460, 220, 220 Alt, 29 and 58
- Partnering with Traffic Engineering Division on referencing the new statewide signal inventory
  - Provides catalog of signalized intersections
  - Contains detailed signal information
- Evaluating systems to keep inventory updated
Corridor Preservation Ongoing Efforts

Partnering with Alternative Intersection Advocacy Committee

• Purpose: To establish a systematic approach for the consideration of alternative intersections/interchanges so that the best configuration is considered for each location to take into account congestion and/or safety issues.

• Conducted national “Best Practices” research
• Focus on educating VDOT staff and localities
• Developing information to assist with public outreach
• Currently developing the “Alternative Intersection Evaluation Tool”
  • Tool will evaluate multiple intersection configurations quickly
• Working to keep an updated inventory on constructed alternative intersections
Corridor Preservation Ongoing Efforts

Kicked Off Pilot Arterial Management Plan Studies

- Estimated completion: Spring 2018
- Recommendations to be developed prior to SMART SCALE Round 3
Corridor Preservation Ongoing Efforts

Goals for Pilot Arterial Management Plan Studies

• Develop plans that are adopted by localities
  • Arterial Management Plans supersede design standards in Road Design Manual
  • Optimize access spacing beyond minimum access management standards
• Identify potential crossovers to (i) close or (ii) make directional, with no thru movements
• Reduce signalization
  • Develop policies to reduce new signalization
  • Consider alternatives to signalization (e.g. unsignalized RCUT)
  • Consider alternative intersection treatments to reduce signal phases when signalization is required
  • Develop methodology for removal of existing signals that are no longer warranted
• Develop “Best Practices” for studies before expanding program statewide
Next Steps

• **Ongoing Technical Work Group activities**
  • Reviewing policies and procedures
  • Reviewing current design standards
  • Recommending changes to policies, procedures and design standards

• **Ongoing Executive Steering Committee activities**
  • Coordinating corridor preservation efforts with the Commissioner and Chief Engineer
  • Reviewing policy change recommendations
  • Providing oversight on Arterial Management Plan pilot efforts

• **Other Ongoing Efforts**
  • Conducting Inventory of access points (pilot)
  • Continued coordination with the Alternative Intersection Advocacy Committee
    • Ongoing development of “Alternative Intersection Evaluation Tool”
  • Conducting Arterial Management Plans
    • Pilot - 460, 220, 220 Alt, 29 (Lynchburg and Salem Districts)
    • Others - Route 3 (Culpeper), 301/207 (Fredericksburg), Route 58 (Hampton Roads)