



**Corridor Preservation**  
**Protecting Virginia's Arterial Investments**

*Update*

CTB Workshop

February 2017

# 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”

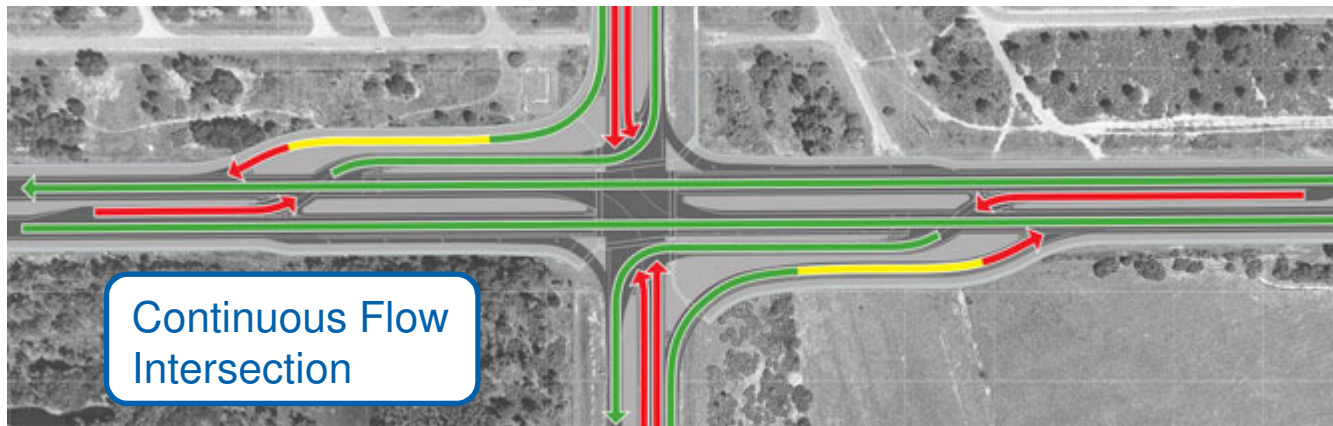
- Working with UVA Center for Risk Management of Engineering Systems on inventorying and categorizing every access point on the CoSS and NHS
- Initially focusing on pilot corridors in Lynchburg and Salem Districts
  - 460, 220, 220 Alt, 29 and 58
- Partnering with Traffic Engineering Division on referencing 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

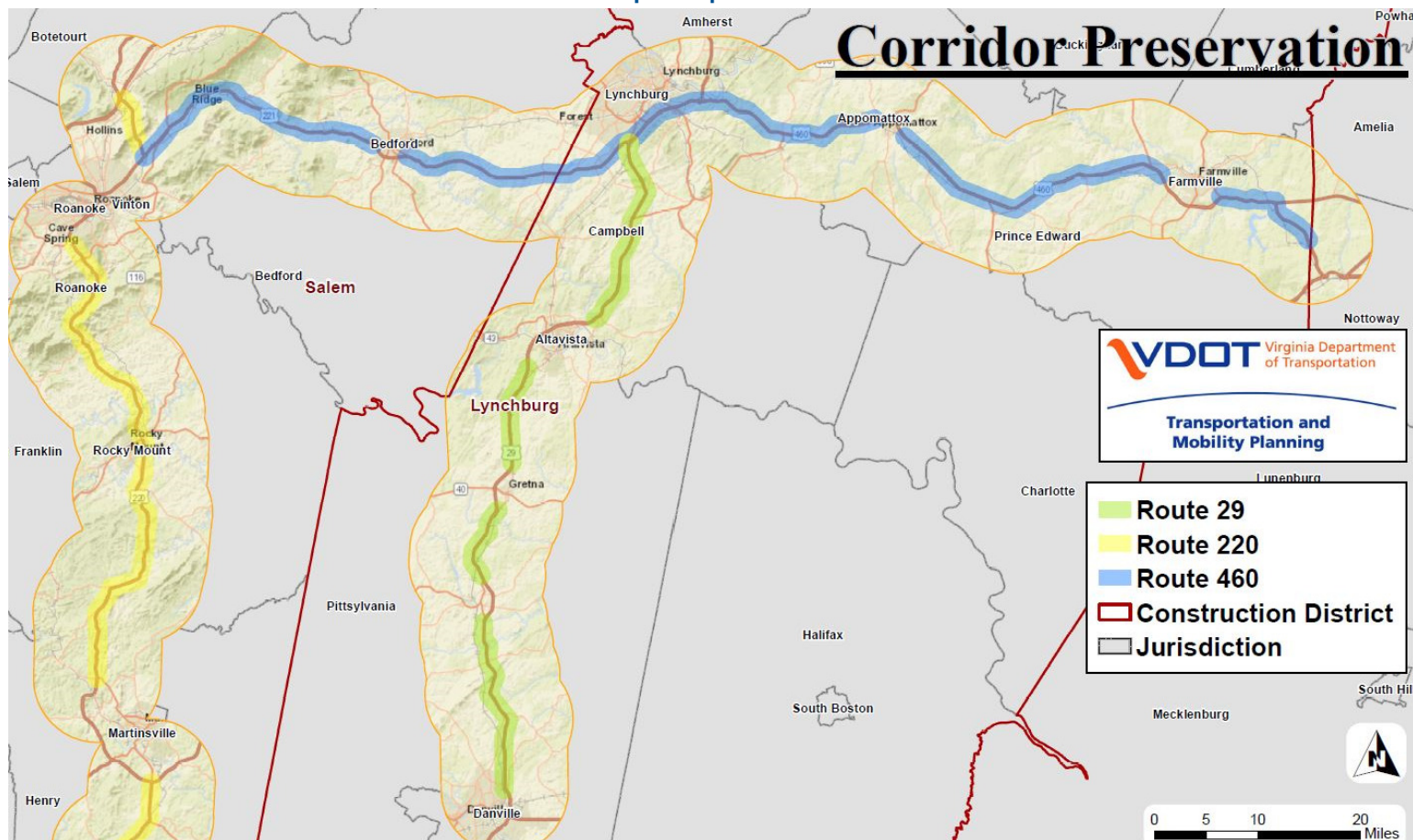
- Purpose: To establish a systematic approach for the consideration of alternative intersections/interchanges so that the best configuration is considered for each location to take into account congestion and/or safety issues.
- Conducted national “Best Practices” research
- Focus on educating VDOT staff 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)