COMMONWEALTH of VIRGINIA
Office of the
SECRETARY of TRANSPORTATION

VTrans Update

Virginia Statewide Bicycle and Pedestrian Advisory Committee (BPAC)

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January 29, 2019

AGENDA

- Relevant Resources
- Noteworthy Items
- Methods to access the 2019 VTrans Mid-term Needs
- Demonstration and Q&A

Relevant Resources

- Please utilize the following resources for more in-depth background information:
  - Recording: VTrans Needs Assessment Overview (Weblink)
  - Recording: Urban Development Area Needs (Weblink)
  - Overview: VTrans Mid-term Needs webpage
  - Recording: VTrans Draft Mid-term Needs and InteractVTrans Overview (Weblink)

- General VTrans Information to share with other interested stakeholders:
  - Recording: What is VTrans? (Weblink)
  - Recording: What are the VTrans Needs? (Weblink)

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

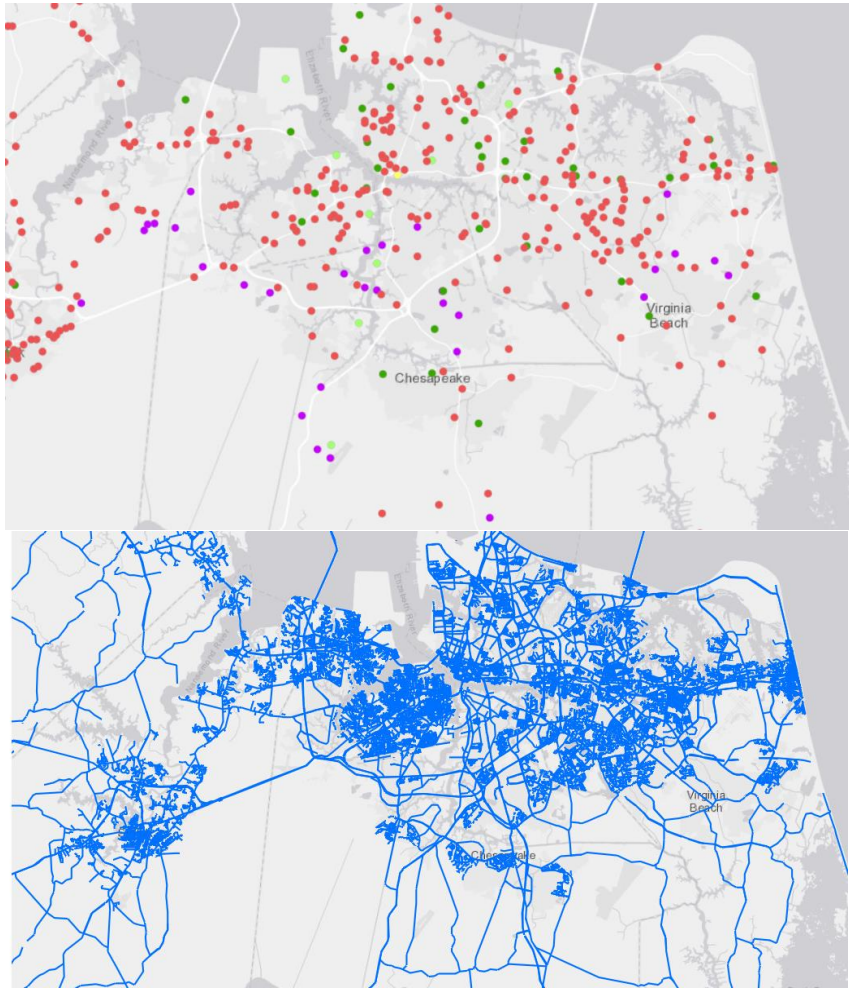
2019 Mid-Term Needs

Mid-Term Needs| Noteworthy Items

1. CTB approves Methodology and accepts 2019 VTrans Mid-Term Needs
   - Through data-driven Needs assessment over 80 million data points were processed
   - If a data point is found to be inconsistent with the Commonwealth Transportation Board (CTB) approved 2019 Mid-term Needs Identification Methodology, the approved methodology takes precedent.

MID-TERM NEEDS| NOTEWORTHY ITEMS

2. Method of Analysis and Presentation
   - Needs are more specific and assigned to:
     - **Nodes:** Intersections, Rail Stations, Activity Center Centroid, Industrial and Economic Development Area.
     - **Segments:** Congestion, Reliability, Transit Access, Non-motorized Access, etc.



Mid-Term Needs | Noteworthy Items

3. Consider taking a comprehensive view of the Mid-term Needs
   - There is one document per Construction District for Mid-term Needs. It includes Needs for CoSS, RN, UDA, and Safety
   - Mid-term Needs can be **viewed across travel markets and need types.**
     - Example: Identify segments that have both, Need for Safety Improvement AND Need for Bicycle Access
     - Example: Identify segments that have both, Need for Transit Accessibility Improvement for Equity Emphasis Areas AND Need for Sidewalks

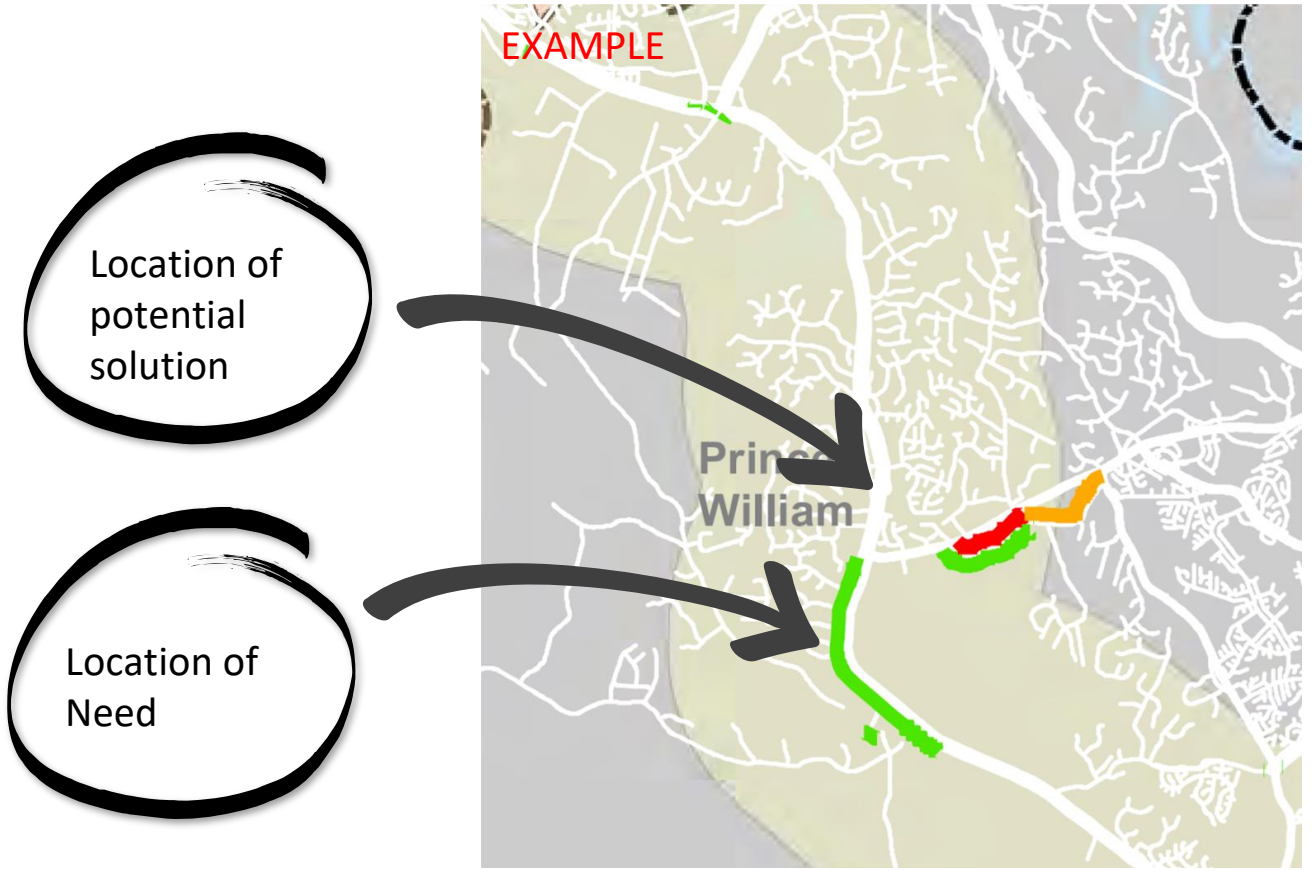
MID-TERM NEEDS| NOTEWORTHY ITEMS

4. Needs are not solutions
   - A highway Congestion or Reliability Need may also be addressed by rail or transit

Source: Potomac Local

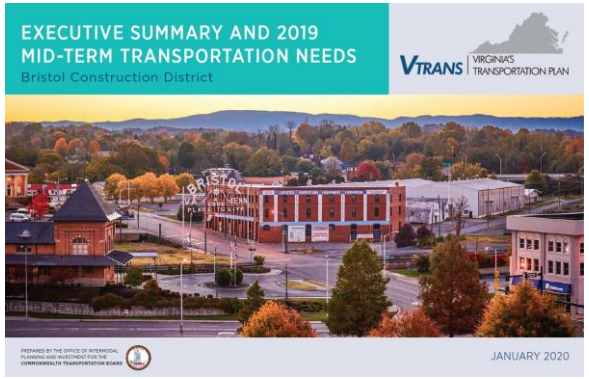
MID-TERM NEEDS | NOTEWORTHY ITEMS

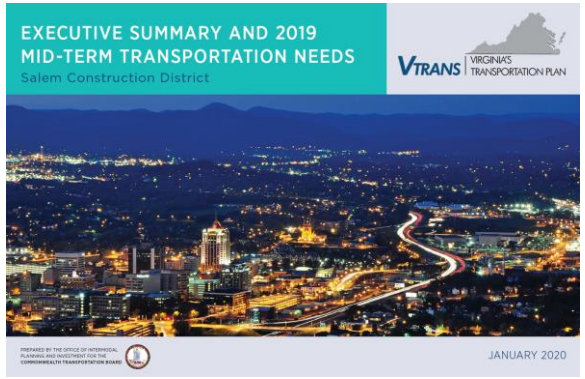
5. Location of a Need may not necessarily be same as the location of the solution
   - A solution to a Need may be elsewhere on the same facility or on a parallel facility

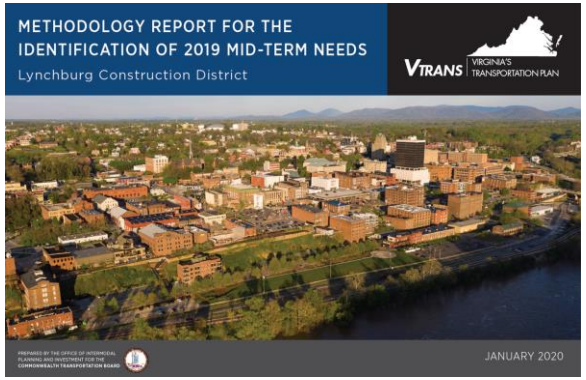


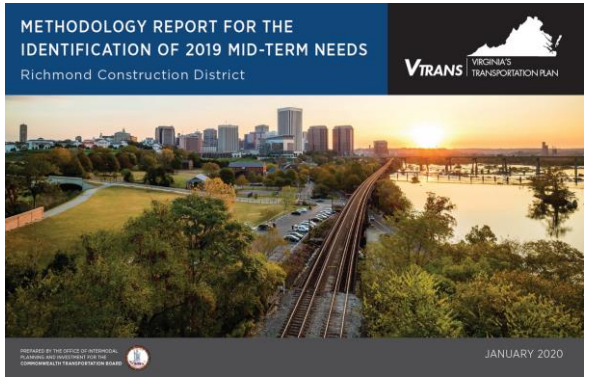
MID-TERM NEEDS | METHOD TO ACCESS NEEDS

1. Print-ready Documents
   - Executive Summary and maps showing Mid-term Needs
   - Methodology Report
   - Available by Nine (9) Construction Districts on VTrans website:
     - VTrans Mid-term Needs webpage
   - Targeted at: Users who prefer hard copies



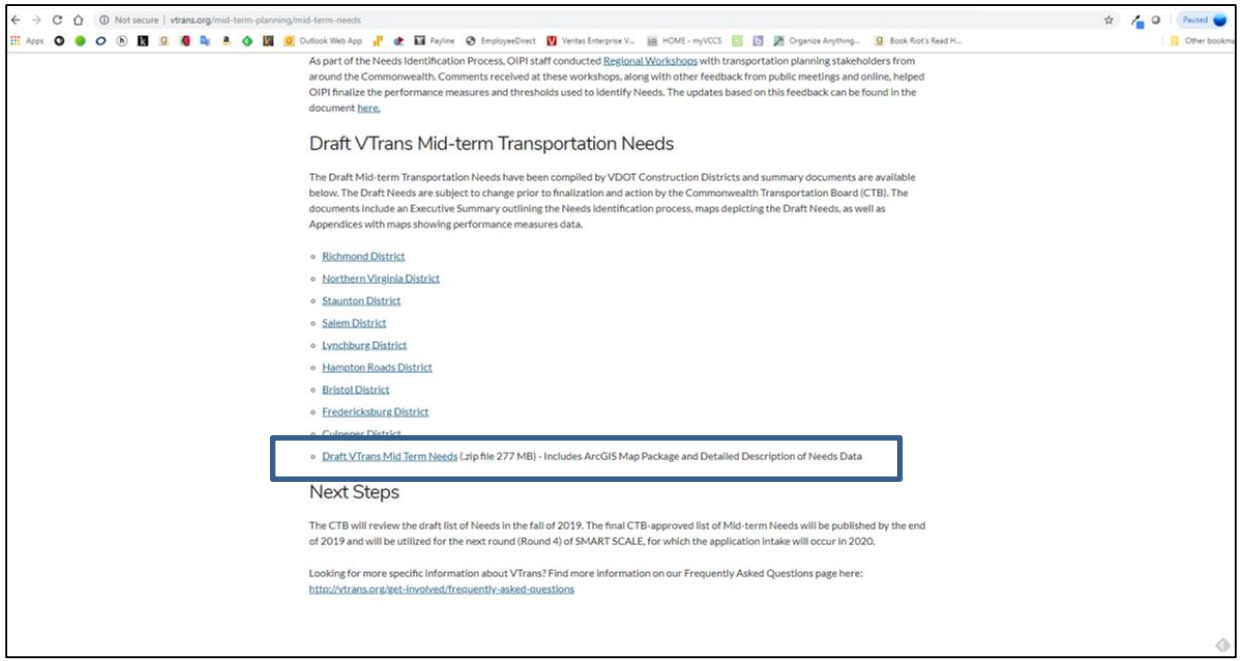






MID-TERM NEEDS | METHOD TO ACCESS NEEDS

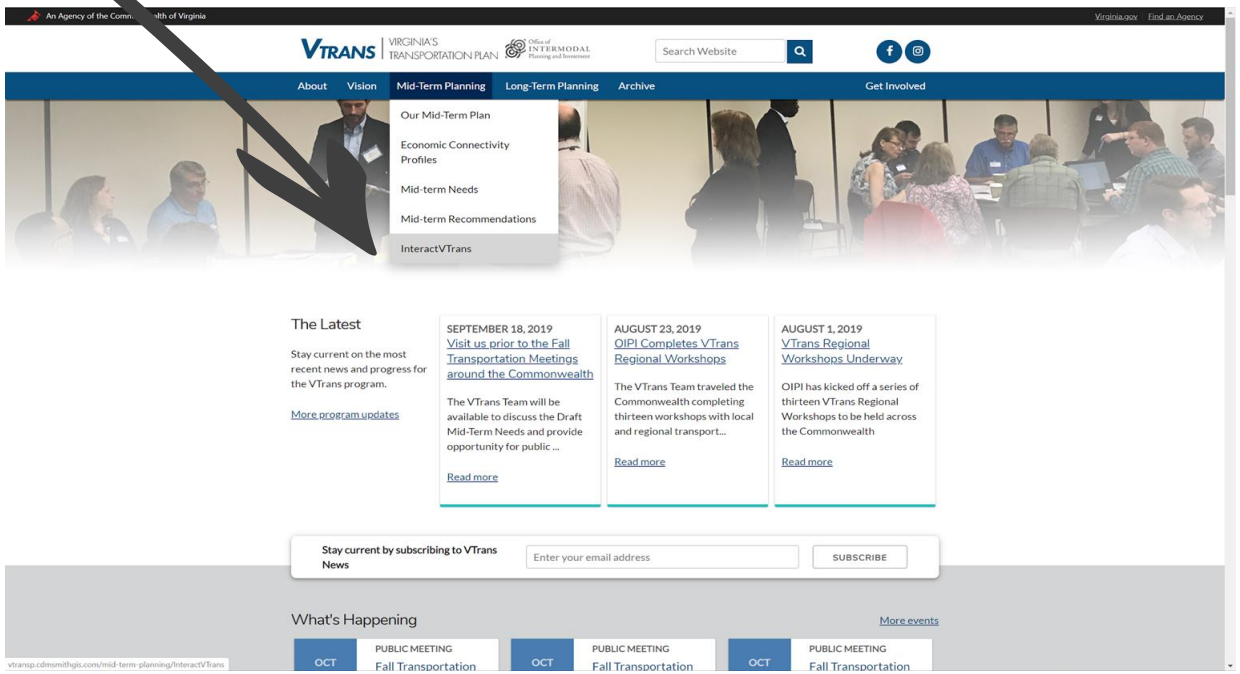
2. Database to download
   - ArcGIS Map Package, description of fields (nodes and segments), and Guide to InteractVTrans
     - ArcGIS Map Package includes all Mid-term Needs: Congestion, Reliability, Safety, UDA, IEDA, etc.
     - Available as one zip file on VTrans website:
       - VTrans Mid-term Needs webpage
   - Targeted at: Power users who have access to ArcGIS and want to build customized queries and develop maps



MID-TERM NEEDS | METHOD TO ACCESS NEEDS

3. *Interact*VTrans
   - User: Like ability to zoom in and out

InteractVTRANS | VIRGINIA'S TRANSPORTATION PLAN
at your fingertips



Mid-Term Needs | Q&A and Demonstration

*Interact*VTrans

QUESTIONS/DISCUSSION

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