

COMMONWEALTH of VIRGINIA

Office of the

SECRETARY of TRANSPORTATION

VTrans Mid-term Needs Q&A and InteractVTrans Demo

OIPI Staff

February 2020













AGENDA

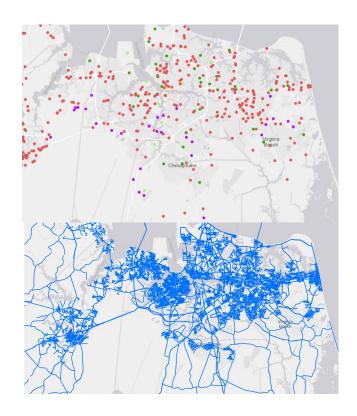
- Relevant Resources
- Noteworthy Items
- Methods to access the 2019 VTrans Mid-term Needs
- Demonstration and Q&A

- 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.



2. Method of Analysis and Presentation

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



- 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.
 - O Example: Identify segments that have both, Need for Safety Improvement AND Need for Bicycle Access
 - O Example: Identify segments that have both, Need for Transit Accessibility Improvement for Equity Emphasis Areas AND Need for Sidewalks

4. Needs are not solutions

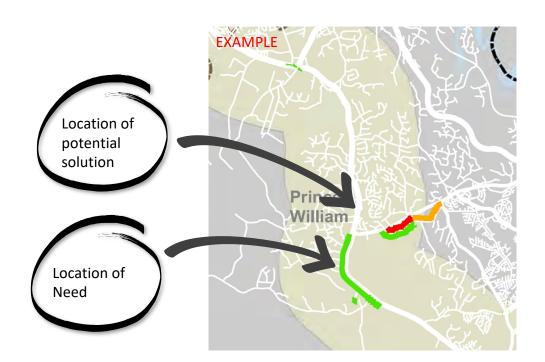
 A highway Congestion or Reliability Need may also be addressed by rail or transit



Source: Potomac

Local

- 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 | Q&A AND DEMONSTRATION



*Interact*VTrans

Needs layers & conversion for Smart Portal

Conversion to VTrans Needs for Portal.gdb

- CoSS Needs Points includes Rail, Safety ("Yes (Coss)")
- CoSS Needs Segments includes Congestion, Reliability, Capacity Preservation, TDM, Safety ("Yes (CoSS)")
- RN Needs Points includes IEDA (Yes "UDA, RN")), Transit Access
- RN Needs Segments includes Congestion, Reliability, Capacity Preservation, TDM, Transit Equity, Bicycle Access, Pedestrian Access, and UDA ("Yes (UDA, RN)"
- UDA Needs Points includes IEDA (UDA only)
- UDA Needs Segments includes UDA ("Yes (UDA only)")
- Safety Needs Points includes Safety (Yes)
- Safety Needs Segments includes Safety (Yes), and Pedestrian Safety

RELEVANT RESOURCES

- Please utilize the following resources for more in-depth background information:
 - Recording: VTrans Needs Assessment Overview (<u>Weblink</u>)
 - Recording: Urban Development Area Needs (<u>Weblink</u>)
 - Overview: VTrans Mid-term Needs webpage
 - Recording: VTrans Draft Mid-term Needs and InteractVTrans Overview (<u>Weblink</u>)
- General VTrans Information Videos to share with other interested stakeholders:
 - Recording: What is VTrans? (<u>Weblink</u>)
 - Recording: What are the VTrans Needs? (<u>Weblink</u>)



