



COMMONWEALTH of VIRGINIA
Office of the
SECRETARY of TRANSPORTATION

VTrans Mid-term Needs Q&A and InteractVTrans Demo

OIPI Staff

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AGENDA

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

MID-TERM NEEDS| NOTEWORTHY ITEMS

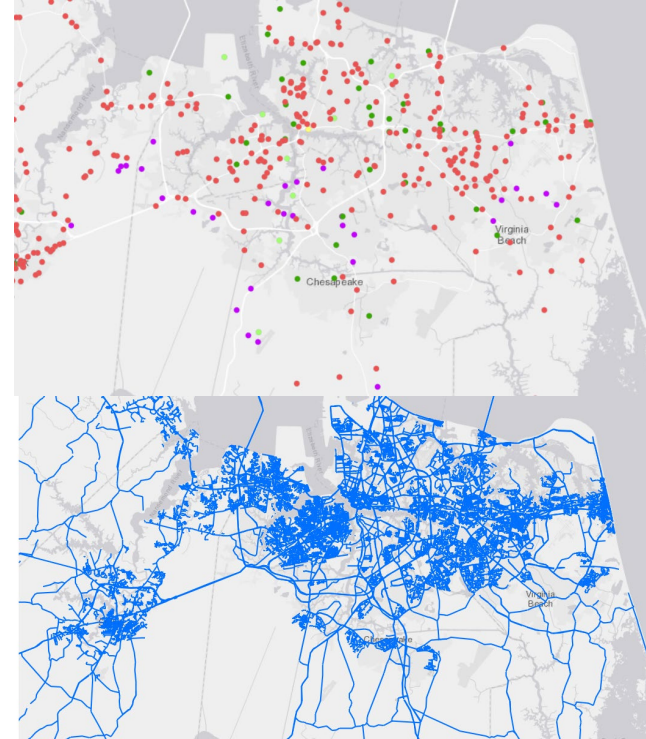
1. CTB approves Methodology and accepts 2019 VTrans Mid-Term Needs
 - Through data-driven Needs assessment over 80 million data points were processed
 - If a data point is found to be inconsistent with the Commonwealth Transportation Board (CTB) approved 2019 Mid-term Needs Identification Methodology,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

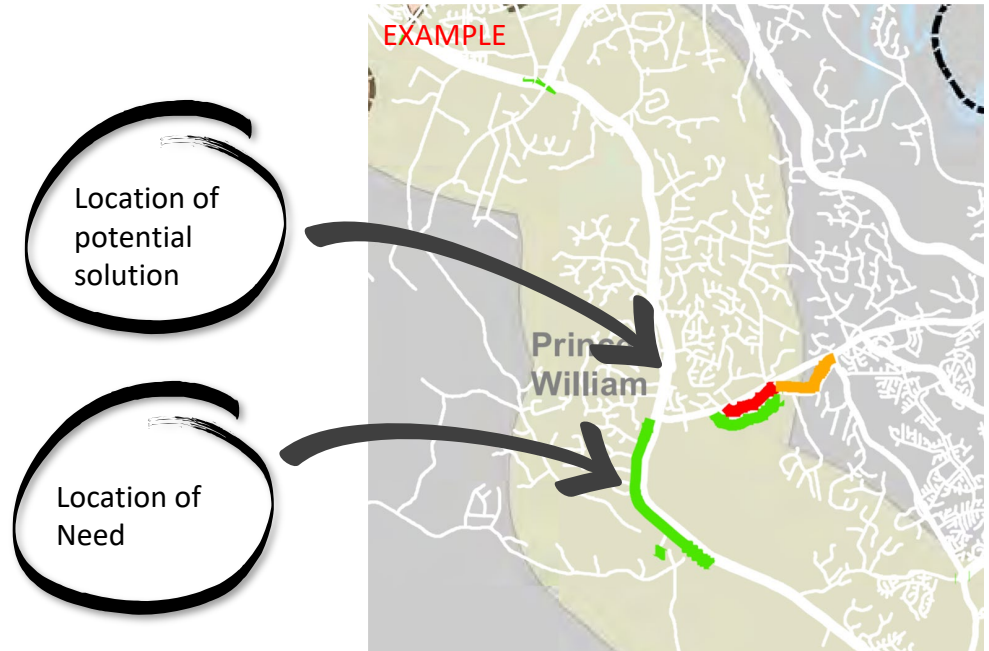
- A highway Congestion or Reliability Need may also be addressed by rail or transit



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 | Q&A AND DEMONSTRATION



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 ([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 Videos to share with other interested stakeholders:
 - Recording: What is VTrans? ([Weblink](#))
 - Recording: What are the VTrans Needs? ([Weblink](#))



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