



COMMONWEALTH of VIRGINIA  
*Office of the*  
SECRETARY of TRANSPORTATION

## VTrans Mid-term Needs Q&A and InteractVTrans Demo

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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

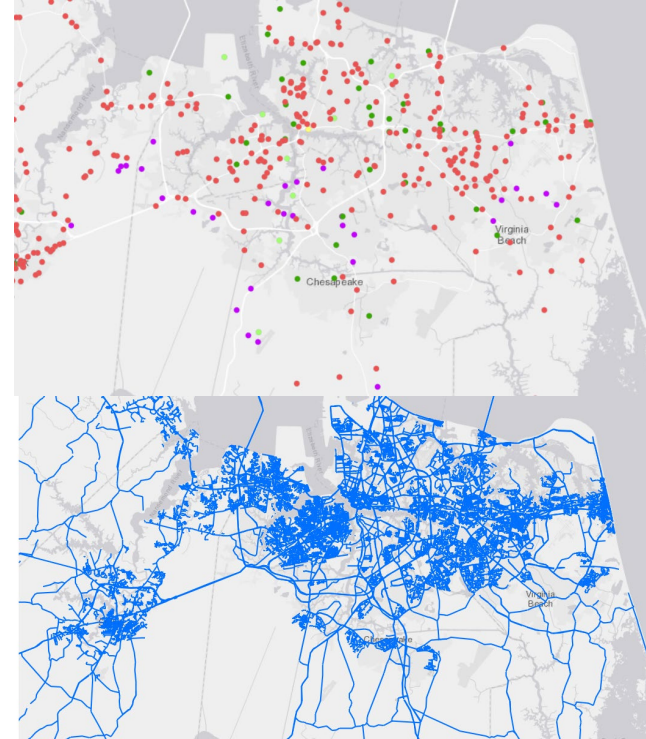
1. CTB approves Methodology and accepts 2019 VTrans Mid-Term Needs
  - Through data-driven Needs assessment over 80 million data points were processed
  - If a data point is found to be inconsistent with the Commonwealth Transportation Board (CTB) approved 2019 Mid-term Needs Identification Methodology,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

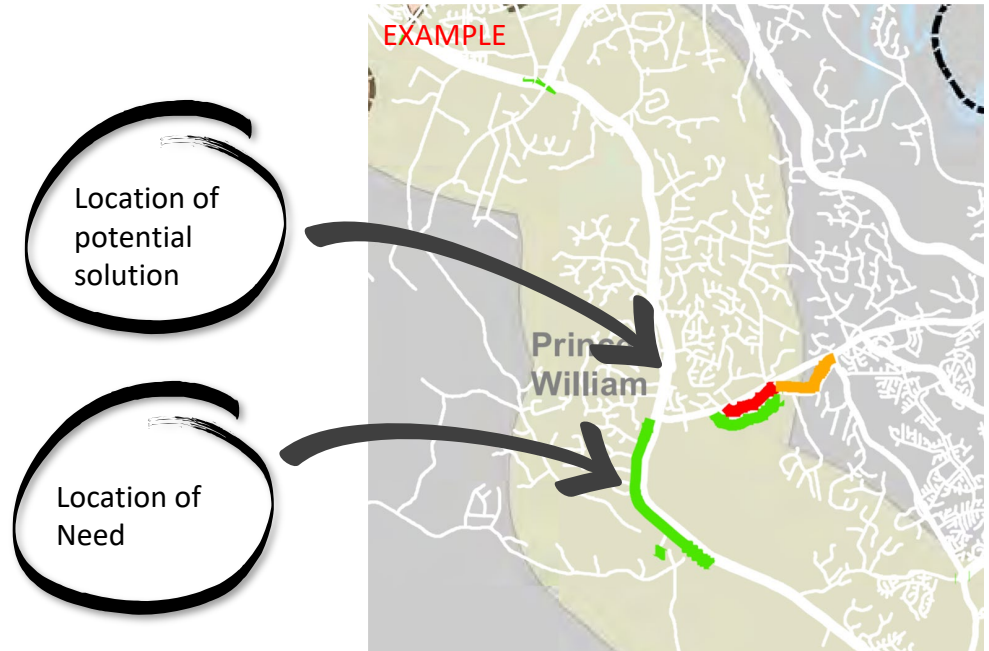
- A highway Congestion or Reliability Need may also be addressed by rail or transit



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](#))



**VTRANS** | VIRGINIA'S  
TRANSPORTATION PLAN