

COMMONWEALTH of VIRGINIA

Office of the

SECRETARY of TRANSPORTATION

**VTRANS UPDATE** 

**OIPI-VDOT-DRPT-MPO QUARTERLY COORDINATION MEETING** 













# PURPOSE AND AGENDA

#### Method to Prioritize VTrans Mid-term Needs

- Context and Overview
- Noteworthy Points
- Process
- Example





VTrans Identifies Needs for Two Planning Horizons

|                     | Mid-Term Needs   | Long-Term Needs  |
|---------------------|--|--|
| Planning Horizon    | • 7 - 10 years   | • 10 – 25 years  |
| Purpose             | <ul> <li>Screen SMART SCALE applications</li> <li>Prioritize VDOT Revenue Sharing applications</li> <li>Forms the basis of VTrans Multimodal Project<br/>Study Pipeline</li> </ul> | <ul> <li>Inform policy to prepare for gradual and systematic change</li> </ul> |
| <b>Board Action</b> | Adopted in January 2020  | Scheduled for fall of 2021   |



Focus of Today's Presentation



Ongoing, Please refer to the presentation at the <u>June MPO</u>
Quarterly Meeting

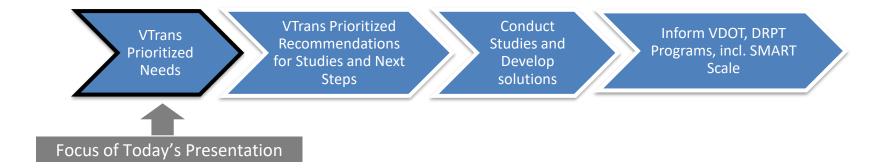


# VTrans Multimodal Project Study Pipeline

January 2020: Direction to prioritize the VTrans 2019 Mid-term Needs

May 2020: Presentation: Approach for the Project Study Pipeline (Below)

July 2020: Presentation: Approach for the Prioritization of the VTrans Mid-term Needs





# Significance of the Prioritized VTrans Mid-term Needs

- If approved and directed by the CTB, the Prioritized Needs may guide VDOT and DRPT planning and project development decisions
- The Prioritized Needs may also get utilized for other planning and programming purposes



- Outreach and Engagement: 13 presentations and information sharing sessions between August 6 and September 24
  - Bristol MPO
  - Kingsport MTPO
  - New River Valley MPO TAC
  - Danville MPO
  - WinFred MPO TAC
  - Hampton Roads TPO TTAC
  - Harrisonburg-Rockingham MPO
  - Tri-Cities MPO TAC
  - Fredericksburg Area MPO TAC
  - Roanoke Valley TPO TAC
  - Charlottesville-Albermarle MPO TAC
  - Central Virginia MPO TAC
  - Staunton-Augusta Waynesboro MPO TAC
  - NVTA RJACC



- Presentations at the MPO Quarterly Meeting
  - March 2020
  - June 2020
  - September 2020 (today)



### METHOD TO PRIORITIZE MID-TERM NEEDS | PROCESS

#### STEP 1

Define Geographical Levels of Prioritization

#### **Establish criteria for aggregating VTrans Need Categories:**

- Statewide Priorities: Needs within the Corridors of Statewide Significance (CoSS) and Safety Travel Markets
- District Priorities: Needs within the Regional Networks (RN), Safety, and UDA (IEDA Access) Travel Markets

# Prioritized

#### Very high

- High Medium
- Low

Needs

#### STEP 2

**Prioritize within Needs Categories** 

#### Establish priorities within each VTrans Need Category by utilizing the following criteria:

- · Severity of the Need
- Magnitude (e.g. number of users, vehicles, etc.)

#### STEP 3

Weigh and **Aggregate Needs** across Needs **Categories** 

Identify Statewide and District Priority locations by applying weights to **VTrans Need categories** 

# STEP 4

**Adjust Priorities** for Influencing **Factors** 

### Prioritized locations:

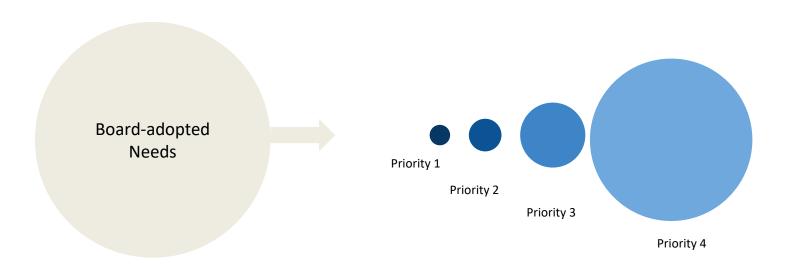
- Statewide Priority 1 - 4
- District Priority Location 1 - 4

#### Adjust the Statewide and District Priority locations by considering the following influencing factors

- Co-located bridge and pavement repair, rehabilitation, or replacement needs
- Exposure to Sea-level Rise, Storm Surge and Inland/Riverine Flooding



- What the Prioritization Does
  - Allows one to focus on a manageable and methodically-selected subsection of the whole
  - Prioritizes competing demands





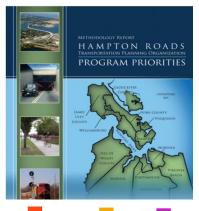
### 2. Overall Approach

- Incorporates items gathered during the Lessons Learned Exercise completed after the completion of VTrans 2040
- A data-driven method to ensure a transparent, quantifiable, and replicable processes





- 3. Process allows for Continuous Improvement
  - Reliance on VTrans Model for Identification and Prioritization of Midterm Needs
  - Products (manuals, design standards) and Processes require continuous improvements to stay relevant
  - It becomes progressively easier to learn and modify logic



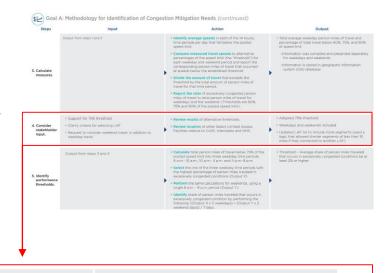








- Systematic and Transparent Method to Incorporate Feedback
  - Gathering feedback and modifying methods is part of planning and methodology
    - O Example: Step # 4: Consider Stakeholder Input on Page 22 of the Richmond Needs Methodology Report.
    - O Please also refer to the <u>changes</u> based on the feedback received during the workshops.



 Consider stakehlolder input. Support for 75% threshold

. Clarify criteria for selecting LAF

- Request to consider weekend travel, in addition to weekday travel
- Review results of alternative thresholds.
- Review location of other Select Limited Access Facilities relative to CoSS, Interstates and NHS.
- Adopted 75% threshold
- Weekdays and weekends included
- Updated LAF list to include more segments (used a logic that allowed shorter segments of less than 10 miles if they connected to another LAF)



### METHOD TO PRIORITIZE MID-TERM NEEDS I PROCESS

#### STEP 1

Define Geographical Levels of Prioritization

#### **Establish criteria for aggregating VTrans Need Categories:**

- Statewide Priorities: Needs within the Corridors of Statewide Significance (CoSS) and Safety Travel Markets
- District Priorities: Needs within the Regional Networks (RN), Safety, and UDA (IEDA Access) Travel Markets

#### Prioritized Needs

- Very high
- High
- Medium
- Low

#### STEP 2

**Prioritize within Needs Categories** 

#### Establish priorities within each VTrans Need Category by utilizing the following criteria:

- · Severity of the Need
- Magnitude (e.g. number of users, vehicles, etc.)

#### STEP 3

Prioritized

locations:

Priority 1 - 4

District Priority

Location 1 - 4

Statewide

Weigh and **Aggregate Needs** across Needs **Categories** 

Identify Statewide and District Priority locations by applying weights to **VTrans Need categories** 

# STEP 4

**Adjust Priorities** for Influencing **Factors** 

#### Adjust the Statewide and District Priority locations by considering the following influencing factors

- Co-located bridge and pavement repair, rehabilitation, or replacement needs
- Exposure to Sea-level Rise, Storm Surge and Inland/Riverine Flooding



# METHOD TO PRIORITIZE NEEDS | STEP 1

| Levels of Prioritization              | Statewide Priority Locations   | District Priority Locations  |  |  |  |  |
|---------------------------------------|--|--|--|--|--|--|
| Aggregation Level                     | Statewide  | VDOT Construction District    Northern   Winging   Wingi |  |  |  |  |
| Applicable VTrans Travel<br>Market(s) | <ul> <li>Corridors of Statewide Significance (CoSS)</li> <li>Safety Needs along CoSS</li> </ul>  | <ul> <li>Regional Networks (RN)</li> <li>Safety</li> <li>Urban Development Area (UDA) Need - Access to Industrial and Economic Development Areas (IEDA)</li> </ul>   |  |  |  |  |
| Applicable Need<br>Categories         | <ol> <li>Congestion Mitigation (CoSS)</li> <li>Improved Reliability (CoSS)</li> <li>Rail on Time Performance (CoSS)</li> <li>Capacity Preservation (CoSS)</li> <li>TDM (CoSS)</li> <li>Safety (Segments and Intersections) along CoSS</li> </ol> | <ol> <li>Congestion Mitigation (RN)</li> <li>Improved Reliability (RN)</li> <li>Transit Access to EEAs (RN)</li> <li>Transit Access to ACs (RN)</li> <li>Bicycle Access to ACs (RN)</li> <li>Pedestrian Access to ACs (RN)</li> <li>Capacity Preservation (RN)</li> <li>Safety (Segments and Intersections)</li> <li>Safety (Pedestrian Safety)</li> <li>TDM (RN)</li> <li>Access to IEDA (UDA)</li> </ol>   |  |  |  |  |



| Road Name        | Length (Mile) |
|------------------|---------------|
|                  |               |
|                  |               |
| Hummingbird Dr   | 1             |
| Cardinal St      | 2             |
| Robin Blvd       | 2             |
| Cardinal St      | 7             |
| Robin Blvd       | 5             |
| Hummingbird Dr   | 3             |
| Hawk Ave         | 9             |
| Robin Blvd       | 5             |
| Robin Blvd       | 2             |
| Cardinal St      | 7             |
| Swan St          | 2             |
| Cardinal St      | 6             |
| Woodpecker Dr    | 8             |
| Hummingbird Dr   | 1             |
| Bird St          | 4             |
| Duck Blvd        | 3             |
| Geese Ave        | 9             |
| Swan St          | 6             |
| Fly Square       | 7             |
| Swan St          | 3             |
| Cardinal St      | 8             |
| Total Mileage to | 100           |

Total 100 Miles of

Corridors of Statewide

Significance



|                  |               |                        |                         |                              | STEP 1                               |                 |     |
|------------------|---------------|------------------------|-------------------------|------------------------------|--------------------------------------|-----------------|-----|
| Road Name        | Length (Mile) | Congestion<br>Priority | Reliability<br>Priority | Rail Reliability<br>Priority | Capacity<br>Preservation<br>Priority | TDM<br>Priority | Sat |
| Hummingbird Dr   | 1             |                        |                         |                              |                                      |                 |     |
| Cardinal St      | 2             |                        |                         |                              |                                      |                 |     |
| Robin Blvd       | 2             |                        |                         |                              |                                      |                 |     |
| Cardinal St      | 7             |                        |                         |                              |                                      |                 |     |
| Robin Blvd       | 5             |                        |                         |                              |                                      |                 |     |
| Hummingbird Dr   | 3             |                        |                         |                              |                                      |                 |     |
| Hawk Ave         | 9             |                        |                         |                              |                                      |                 |     |
| Robin Blvd       | 5             |                        |                         |                              |                                      |                 |     |
| Robin Blvd       | 2             |                        |                         |                              |                                      |                 |     |
| Cardinal St      | 7             |                        |                         |                              |                                      |                 |     |
| Swan St          | 2             |                        |                         |                              |                                      |                 |     |
| Cardinal St      | 6             |                        |                         |                              |                                      |                 |     |
| Woodpecker Dr    | 8             |                        |                         |                              |                                      |                 |     |
| Hummingbird Dr   | 1             |                        |                         |                              |                                      |                 |     |
| Bird St          | 4             |                        |                         |                              |                                      |                 |     |
| Duck Blvd        | 3             |                        |                         |                              |                                      |                 |     |
| Geese Ave        | 9             |                        |                         |                              |                                      |                 |     |
| Swan St          | 6             |                        |                         |                              |                                      |                 |     |
| Fly Square       | 7             |                        |                         |                              |                                      |                 |     |
| Swan St          | 3             |                        |                         |                              |                                      |                 |     |
| Cardinal St      | 8             |                        |                         |                              |                                      |                 |     |
| Total Mileage to | 100           |                        |                         |                              |                                      |                 |     |
|                  |               |                        |                         |                              |                                      |                 |     |

**STEP 1: Utilize CoSS and Safety Need Categories** for Statewide Prioritization



|                |               |                        |                         | S                            | STEP 2                               |                 |                 |
|----------------|---------------|------------------------|-------------------------|------------------------------|--------------------------------------|-----------------|-----------------|
| Road Name      | Length (Mile) | Congestion<br>Priority | Reliability<br>Priority | Rail Reliability<br>Priority | Capacity<br>Preservation<br>Priority | TDM<br>Priority | Safety Priority |
| Hummingbird Dr | 1             | 5                      | 3                       | 4                            | 4                                    | 7               | 6               |
| Cardinal St    | 2             | 7                      | 1                       | 4                            |                                      | 5               | 4               |
| Robin Blvd     | 2             |                        | 1                       | 3                            | 3                                    | 3               | 7               |
| Cardinal St    | 7             | 6                      |                         | 2                            | 6                                    | 6               | 1               |
| Robin Blvd     | 5             |                        | 7                       |                              | 6                                    | 6               | 1               |
| Hummingbird Dr | 3             | 5                      |                         |                              | 7                                    | 2               |                 |
| Hawk Ave       | 9             |                        | 7                       |                              | 3                                    |                 | 2               |
| Robin Blvd     | 5             | 7                      | 1                       | 2                            |                                      | 7               |                 |
| Robin Blvd     | 2             | 6                      |                         | 7                            | 1                                    |                 | 1               |
| Cardinal St    | 7             |                        | 3                       | 2                            | 4                                    |                 | 2               |
| Swan St        | 2             |                        |                         |                              | 4                                    | 1               | 4               |
| Cardinal St    | 6             | 6                      | 2                       | 2                            | 1                                    |                 |                 |
| Woodpecker Dr  | 8             | 6                      |                         |                              | 3                                    | 1               |                 |
| Hummingbird Dr | 1             | 7                      |                         |                              |                                      | 2               |                 |
| Bird St        | 4             |                        |                         |                              | 4                                    | 1               | 4               |
| Duck Blvd      | 3             | 6                      | 2                       | 2                            | 1                                    |                 |                 |
| Geese Ave      | 9             | 6                      |                         |                              | 3                                    | 1               |                 |
| Swan St        | 6             | 7                      |                         |                              |                                      | 2               |                 |
| Fly Square     | 7             |                        |                         |                              |                                      |                 |                 |
| Swan St        | 3             |                        |                         |                              | 3                                    |                 | 4               |
| Cardinal St    | 8             | 5                      | 1                       | 1                            | 2                                    |                 |                 |

Total Mileage to 100

**STEP 2:** For each need category: **Severity x Magnitude** = Score

#### Score Use to Establish Priorities Within Each Category

- Top 0 5% of the total mileage = 7 or Very High
- 5-15% of the total mileage = 5, 6 or High
- 15 25% of the total mileage = 3, 4 or Medium
- Bottom 25 100% of the total mileage = 1, 2 or Low



|                  |               |                        |                         |                              | STEP 2                               |                 |                 | STEP 3           |
|------------------|---------------|------------------------|-------------------------|------------------------------|--------------------------------------|-----------------|-----------------|------------------|
| Road Name        | Length (Mile) | Congestion<br>Priority | Reliability<br>Priority | Rail Reliability<br>Priority | Capacity<br>Preservation<br>Priority | TDM<br>Priority | Safety Priority | Cumulative Score |
| Hummingbird Dr   | 1             | 5                      | 3                       | 4                            | 4                                    | 7               | 6               | 4.9              |
| Cardinal St      | 2             | 7                      | 1                       | 4                            |                                      | 5               | 4               | 3.5              |
| Robin Blvd       | 2             |                        | 1                       | 3                            | 3                                    | 3               | 7               | 3.2              |
| Cardinal St      | 7             | 6                      |                         | 2                            | 6                                    | 6               | 1               | 3.1              |
| Robin Blvd       | 5             |                        | 7                       |                              | 6                                    | 6               | 1               | 3.2              |
| Hummingbird Dr   | 3             | 5                      |                         |                              | 7                                    | 2               |                 | 2.3              |
| Hawk Ave         | 9             |                        | 7                       |                              | 3                                    |                 | 2               | 2.5              |
| Robin Blvd       | 5             | 7                      | 1                       | 2                            |                                      | 7               |                 | 2.4              |
| Robin Blvd       | 2             | 6                      |                         | 7                            | 1                                    |                 | 1               | 2.0              |
| Cardinal St      | 7             |                        | 3                       | 2                            | 4                                    |                 | 2               | 1.9              |
| Swan St          | 2             |                        |                         |                              | 4                                    | 1               | 4               | 1.9              |
| Cardinal St      | 6             | 6                      | 2                       | 2                            | 1                                    |                 |                 | 1.9              |
| Woodpecker Dr    | 8             | 6                      |                         |                              | 3                                    | 1               |                 | 1.8              |
| Hummingbird Dr   | 1             | 7                      |                         |                              |                                      | 2               |                 | 1.6              |
| Bird St          | 4             |                        |                         |                              | 4                                    | 1               | 4               | 1.9              |
| Duck Blvd        | 3             | 6                      | 2                       | 2                            | 1                                    |                 |                 | 1.9              |
| Geese Ave        | 9             | 6                      |                         |                              | 3                                    | 1               |                 | 1.8              |
| Swan St          | 6             | 7                      |                         |                              |                                      | 2               |                 | 1.6              |
| Fly Square       | 7             |                        |                         |                              |                                      |                 |                 |                  |
| Swan St          | 3             |                        |                         |                              | 3                                    |                 | 4               | 1.7              |
| Cardinal St      | 8             | 5                      | 1                       | 1                            | 2                                    |                 |                 | 1.6              |
| Total Mileage to | 100           | +                      | +                       | <b>\</b>                     | +                                    | <b>+</b>        | +               | <b>1</b>         |
|                  |               | x 25%                  | x 15% □                 | x 10%                        | x 15% {                              | × 10%           | × 25% =         | Score            |

STEP 3: Apply weighing to calculate cumulative scores.



|                  |               |                        |                         | 9                            | TEP 2                                |                 |                 | STEP 3              |               |             | STEP              | 4                             |      |   |
|------------------|---------------|------------------------|-------------------------|------------------------------|--------------------------------------|-----------------|-----------------|---------------------|---------------|-------------|-------------------|-------------------------------|------|---|
| Road Name        | Length (Mile) | Congestion<br>Priority | Reliability<br>Priority | Rail Reliability<br>Priority | Capacity<br>Preservation<br>Priority | TDM<br>Priority | Safety Priority | Cumulative Score    | Pavement Need | Bridge Need | Sea Level<br>Rise | Storm Surge                   |      | Adjusted Scor<br>Commonweal<br>Priority |
| Hummingbird Dr   | 1             | 5                      | 3                       | 4                            | 4                                    | 7               | 6               | 4.9                 |               |             |                   |                               |      | 4.9                                     |
| Cardinal St      | 2             | 7                      | 1                       | 4                            |                                      | 5               | 4               | 3.5                 | 0.12          | 0.12        |                   |                               | 0.07 | 3.8                                     |
| Robin Blvd       | 2             |                        | 1                       | 3                            | 3                                    | 3               | 7               | 3.2                 |               |             |                   | 0.06                          |      | 3.3                                     |
| Cardinal St      | 7             | 6                      |                         | 2                            | 6                                    | 6               | 1               | 3.1                 |               |             |                   |                               | 0.16 | 3.3                                     |
| Robin Blvd       | 5             |                        | 7                       |                              | 6                                    | 6               | 1               | 3.2                 |               |             |                   |                               |      | 3.2                                     |
| Hummingbird Dr   | 3             | 5                      |                         |                              | 7                                    | 2               |                 | 2.3                 | 0.05          | 0.08        |                   |                               | 0.11 | 2.5                                     |
| Hawk Ave         | 9             |                        | 7                       |                              | 3                                    |                 | 2               | 2.5                 |               |             |                   |                               |      | 2.5                                     |
| Robin Blvd       | 5             | 7                      | 1                       | 2                            |                                      | 7               |                 | 2.4                 |               |             |                   |                               |      | 2.4                                     |
| Robin Blvd       | 2             | 6                      |                         | 7                            | 1                                    |                 | 1               | 2.0                 |               |             |                   |                               |      | 2.0                                     |
| Cardinal St      | 7             |                        | 3                       | 2                            | 4                                    |                 | 2               | 1.9                 | 0.04          | 0.02        |                   |                               |      | 2.0                                     |
| Swan St          | 2             |                        |                         |                              | 4                                    | 1               | 4               | 1.9                 |               | 0.04        |                   |                               |      | 1.9                                     |
| Cardinal St      | 6             | 6                      | 2                       | 2                            | 1                                    |                 |                 | 1.9                 |               |             |                   |                               | 0.05 | 1.9                                     |
| Woodpecker Dr    | 8             | 6                      |                         |                              | 3                                    | 1               |                 | 1.8                 | 0.06          | 0.09        |                   |                               |      | 1.9                                     |
| Hummingbird Dr   | 1             | 7                      |                         |                              |                                      | 2               |                 | 1.6                 | 0.06          |             |                   |                               |      | 1.7                                     |
| Bird St          | 4             |                        |                         |                              | 4                                    | 1               | 4               | 1.9                 |               | 0.04        |                   |                               |      | 1.9                                     |
| Duck Blvd        | 3             | 6                      | 2                       | 2                            | 1                                    |                 |                 | 1.9                 |               |             |                   |                               | 0.05 | 1.9                                     |
| Geese Ave        | 9             | 6                      |                         |                              | 3                                    | 1               |                 | 1.8                 | 0.06          | 0.09        |                   |                               |      | 1.9                                     |
| Swan St          | 6             | 7                      |                         |                              |                                      | 2               |                 | 1.6                 | 0.06          |             |                   |                               |      | 1.7                                     |
| Fly Square       | 7             |                        |                         |                              |                                      |                 |                 |                     |               |             |                   |                               |      |   |
| Swan St          | 3             |                        |                         |                              | 3                                    |                 | 4               | 1.7                 |               |             |                   |                               |      | 1.7                                     |
| Cardinal St      | 8             | 5                      | 1                       | 1                            | 2                                    |                 |                 | 1.6                 |               |             |                   |                               |      | 1.6                                     |
| Total Mileage to | 100           |                        |                         |                              |                                      |                 |                 |                     | +             | +           |                   | Υ                             |      | <b>→</b>                                |
|                  |               |                        |                         |                              |                                      |                 |                 | Cumulative<br>Score | Up to 5%      | Up to 5%    | Up<br>hig         | to 5%: Based<br>hest exposure |      | Adjusted<br>Score                       |

 $\textbf{STEP 4:} \ \textbf{If Congestion or Reliability Needs are present, adjust \textbf{\textit{Cumulative Scores} for:} \\$ 

- Pavement Needs: Add up to 5% of the cumulative score from Step 3
- Bridge Needs: Add up to 5% of the cumulative score from Step 3
- Exposure to Sea-level Rise, Storm Surge, or Flooding: Add up to 5% of the cumulative score from Step 3



|                |               |            |             | 4                | STEP 2       |          |                 | STEP 3                  |               |             | STEP -    | 4           |        |                  | Commonwealth              |
|----------------|---------------|------------|-------------|------------------|--------------|----------|-----------------|-------------------------|---------------|-------------|-----------|-------------|--------|------------------|---------------------------|
| Road Name      | Length (Mile) | Congestion | Reliability | Rail Reliability | Capacity     | TDM      | Safety Priority | <b>Cumulative Score</b> | Pavement Need | Bridge Need | Sea Level | Storm Surge | Inland | Adjusted Score - | <b>Priority Locations</b> |
|                |               | Priority   | Priority    | Priority         | Preservation | Priority |                 |                         |               |             |           |             |        | Commonwealth     |                           |
|                |               |            |             |                  | Priority     |          |                 |                         |               |             |           |             |        | Priority         |                           |
| Hummingbird Dr |               | 5          |             |                  |              |          |                 | 4.9                     |               |             |           |             |        | 4.9              | Priority 1                |
| Cardinal St    | 2             | 7          | 1           | 4                |              | 5        | 4               | 3.5                     | 0.12          | 0.12        |           |             | 0.07   | 3.8              | Priority 2                |
| Robin Blvd     | 2             |            | 1           | 3                | 3            | 3        | 7               | 3.2                     |               |             |           | 0.06        |        | 3.3              | Priority 2                |
| Cardinal St    | 7             | 6          |             | 2                | 6            | 6        | 1               | 3.1                     |               |             |           |             | 0.16   | 3.3              | Priority 3                |
| Robin Blvd     | 5             |            | 7           |                  | 6            | 6        | 1               | 3.2                     |               |             |           |             |        | 3.2              | Priority 3                |
| Hummingbird Dr | 3             | 5          |             |                  | 7            | 2        |                 | 2.3                     | 0.05          | 0.08        |           |             | 0.11   | 2.5              | Priority 3                |
| Hawk Ave       | 9             |            | 7           |                  | 3            |          | 2               | 2.5                     |               |             |           |             |        | 2.5              | Priority 4                |
| Robin Blvd     | 5             | 7          | 1           | 2                |              | 7        |                 | 2.4                     |               |             |           |             |        | 2.4              | Priority 4                |
| Robin Blvd     | 2             | 6          |             | 7                | 1            |          | 1               | 2.0                     |               |             |           |             |        | 2.0              | Priority 4                |
| Cardinal St    | 7             |            | 3           | 2                | 4            |          | 2               | 1.9                     | 0.04          | 0.02        |           |             |        | 2.0              | Priority 4                |
| Swan St        | 2             |            |             |                  | 4            | 1        | 4               | 1.9                     |               | 0.04        |           |             |        | 1.9              | Priority 4                |
| Cardinal St    | 6             | 6          | 2           | 2                | 1            |          |                 | 1.9                     |               |             |           |             | 0.05   | 1.9              | Priority 4                |
| Woodpecker Dr  | 8             | 6          |             |                  | 3            | 1        |                 | 1.8                     | 0.06          | 0.09        |           |             |        | 1.9              | Priority 4                |
| Hummingbird Dr | 1             | 7          |             |                  |              | 2        |                 | 1.6                     | 0.06          |             |           |             |        | 1.7              | Priority 4                |
| Bird St        | 4             |            |             |                  | 4            | 1        | 4               | 1.9                     |               | 0.04        |           |             |        | 1.9              | Priority 4                |
| Duck Blvd      | 3             | 6          | 2           | 2                | 1            |          |                 | 1.9                     |               |             |           |             | 0.05   | 1.9              | Priority 4                |
| Geese Ave      | 9             | 6          |             |                  | 3            | 1        |                 | 1.8                     | 0.06          | 0.09        |           |             |        | 1.9              | Priority 4                |
| Swan St        | 6             | 7          |             |                  |              | 2        |                 | 1.6                     | 0.06          |             |           |             |        | 1.7              | Priority 4                |
| Fly Square     | 7             |            |             |                  |              |          |                 |                         |               |             |           |             |        |                  | Priority 4                |
| Swan St        | 3             |            |             |                  | 3            |          | 4               | 1.7                     |               |             |           |             |        | 1.7              | Priority 4                |
| Cardinal St    | 8             | 5          | 1           | 1                | 2            |          |                 | 1.6                     |               |             |           |             |        | 1.6              | Priority 4                |

Total Mileage to

100

Using the Adjusted Score, Assign Priority to a Segment/Location

- Priority 1: Top 0 1% of the total mileage
  - Priority 2: 2 5% of the total mileage
  - Priority 3: 5 15% of the total mileage
- Priority 4: Bottom 15 100% of the total mileage

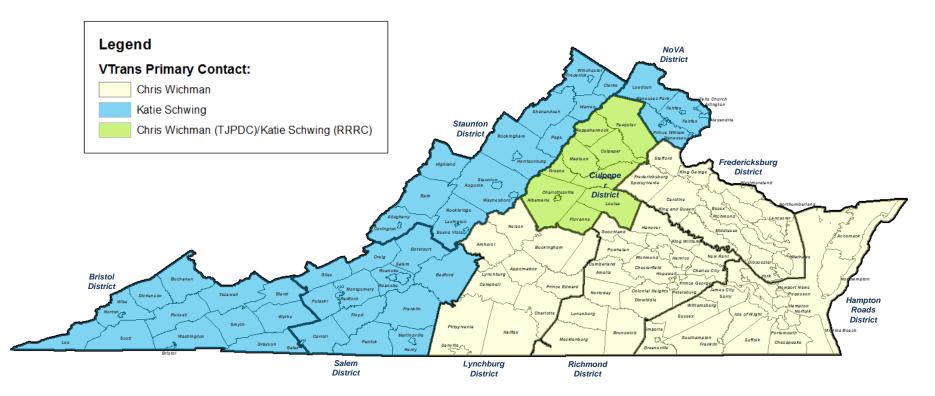


# METHOD TO PRIORITIZE MID-TERM NEEDS I NEXT STEPS

| May         | Briefings  |             |
|-------------|--|-------------|
|             | Gather initial feedback and ensure consistency with the Board's priorities |             |
|             |  |             |
| July        | CTB Workshop   |             |
| ,           | Present initial approach and gather feedback                               |             |
|             |  |             |
| luly - Sept | Evaluate   |             |
|             | Develop initial results  |             |
|             |  | We are here |
| Oct         | October CTB Workshop   |             |
|             | Present initial results  |             |
|             |  |             |
| Oct         | VTrans Workshops   |             |
|             | Gather feedback on the initial results                                     |             |
|             |  |             |
| Nov         | Incorporate Feedback   |             |
|             | Make additional revisions, if needed                                       |             |
|             |  |             |
| December    | December CTB Workshop  |             |
|             | Present Draft Policy, 30-day Review Period                                 | D. d.       |
|             |  | Develop     |
| anuary 2021 | Request Board Action   | Solutions   |

### **VTRANS DESIGNATED POINTS OF CONTACT**

Please direct any inquiries from local and regional entities to Chris and Katie per the assignments below.





# **QUESTIONS/COMMENTS**

# Please share questions or concerns with the VTrans Team

| Name                 | Phone        | Email                                  |
|----------------------|--------------|--|
| Jitender Ramchandani | 804.786.0868 | Jitender.Ramchandani@oipi.Virginia.gov |
| Katie Schwing        | 804.786.2362 | Kathryn.Schwing@oipi.Virginia.gov      |
| Chris Wichman        | 804.786.2366 | Chris.Wichman@oipi.Virginia.gov        |





# Questions / Comments?

