This depiction of measures and data shown on this map are intended to be used as an aid in discussing Mid-term Needs. This depiction of measures and data do not represent Mid-Term Needs. They are one of several inputs used in the determination of Needs and are not the sole determinant.
Congestion Measure for Interstates and Select Limited Access Facilities: WinFred Area

August 8, 2019

Percent Person of Miles Travel In Excessively Congested Conditions, (PECC), Weekday, 60% of Posted Speed Limit

- 0% - 10%
- 10% - 15%
- 15% - 20%
- 20% - 25%
- Greater than 25%
- No Data

Activity Centers
- Freight dependent
- Knowledge
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports

Annual Average Daily Traffic (AADT)
- 0
- 1 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000

Rail Network

Other Selected Limited Access Facilities

Buffer around Primary COSS Facilities

Urban Development Areas

Regional Network

Counties and Cities

Water

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Congestion Measure for Interstates and Select Limited Access Facilities: WinFred Area

August 8, 2019

Percent Person of Miles Travel In Excessively Congested Conditions, (PECC), Weekday, 75% of Posted Speed Limit

- 0% - 10%
- 10% - 15%
- 15% - 20%
- 20% - 25%
- Greater than 25%
- No Data

Activity Centers
- Freight dependent
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports
- Interstates

Annual Average Daily Traffic (AADT)
- 0
- 1 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000

Rail Network
- Other Selected Limited Access Facilities
- Buffer around Primary COSS Facilities
- Urban Development
- Regional Network
- Counties and Cities
- Water

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Date: 8/13/2019

DRAFT
Congestion Measure for Interstates and Select Limited Access Facilities: WinFred Area

August 8, 2019
Percent Person of Miles Travel In Excessively Congested Conditions, (PECC), Weekday, 90% of Posted Speed Limit

- 0% - 10%
- 10% - 15%
- 15% - 20%
- 20% - 25%
- Greater than 25%
- No Data

Activity Centers
- Freight dependent
- Knowledge
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports

Interstates

Annual Average Daily Traffic (AADT)

- 0
- 1 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000

Rail Network

Other Selected Limited Access Facilities

Buffer around Primary COSS Facilities

Urban Development

Regional Network

Counties and Cities

Water

VEOT Construction Districts

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Date: 8/13/2019

DRAFT
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Unreliable Delay (UD) - Number of person-hours of delay during Unreliable Conditions: WinFred Area

August 8, 2019
Minimum 80th/80th percentile travel time equal to 1.5 or higher - Weekday
0 - 750
750 - 2,600
2,600 - 7,400
7,400 - 21,800
>21,800

Activity Centers
- Freight dependent
- Knowledge
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports
- - - Interstates

Annual Average Daily Traffic (AADT)
0
1 - 10,000
10,000 - 25,000
25,000 - 50,000
50,000 - 75,000
Greater than 75,000

Rail Network
Other Selected Limited Access Facilities
Buffer around Primary COSS Facilities
Urban Development Areas
Regional Network
Counties and Cities
Water

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Reliability Measure for Non-Limited-Access COSS and Regional Network: WinFred Area

Activity Centers
- Freight dependent
- Knowledge
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports
- Interstates

Annual Average Daily Traffic (AADT)
- 0
- 1 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000

Rail Network
- Other Selected Limited Access Facilities
- Buffer around Primary COSS Facilities
- Urban Development
- Counties and Cities
- Water

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Amtrak On Time Rail Performance Averages 2018

Amtrak Station (Average On-Time Performance)
- 0% - 39%
- 40% - 49%
- 50% - 59%
- 60% - 69%
- 70% - 79%
- 80% - 85%

Amtrak Routes
Regional Networks

0 15 30 60 90 120
Miles
Average on-time performance has declined since FY 2013 by 7 percentage points to 89%.
The 15-year average on-time performance for VRE is also 89%.
FY 2018 on-time performance exceeds the average in nine of the past 15 years.
VRE’s on-time performance goal is 90%.
(Source: VRE on time performance “key metrics” for February 2018)
Accessibility to Activity Centers: Regional Workshop - WinFred Area

August 8, 2019

Transit Access Deficit to Local-Serving and Knowledge-Based Activity Center for Workers
Deficit levels, (high, medium, low) are relative to each region

- High
- Medium
- Low
- Freight-Dependent Activity Center

Transit Routes
- Ports
- Amtrak/Passenger Rail Stations
- Airports
- Interstates

Annual Average Daily Traffic (AADT)
- 0
- 1 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000

Rail Network
- Buffer around Primary COSS Facilities

Urban Development
- Regional Network
- Counties and Cities
- Water

VDOT Construction Districts

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Date: 8/13/2019
Disadvantaged Population beyond ¼ mile Access to Transit Service: Regional Workshop - WinFred Area
August 8, 2019

Disadvantaged block groups beyond ¼-mile access to fixed-route transit service and local rail or BRT service, 80% Threshold
- Disadvantaged and Not Viable for fixed route service, local rail, or BRT
- Disadvantaged and Viable for fixed route service, local rail, or BRT
- Transit Routes

Activity Centers
- Freight dependent
- Knowledge
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports
- Interstates
- Local Roads

Annual Average Daily Traffic (AADT)
- 0
- 1 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000

Rail Network
- Regional Network
- Counties and Cities
- Water

Disadvantaged population access to transit accounts for existing transit service where the data is available.

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Date: 8/14/2019

VDOT Construction Districts
Office of Intermodal Planning and Investment
Disadvantaged Population beyond ¼ mile Access to Transit Service: Regional Workshop - WinFred Area

August 8, 2019

Disadvantaged block groups beyond ¼ mile access to fixed-route transit service and local rail or BRT service, 90% Threshold

- Disadvantaged and Not Viable for fixed route service, local rail, or BRT
- Disadvantaged and Viable for fixed route service, local rail, or BRT

Activity Centers
- Freight dependent
- Knowledge
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports
- Interstates
- Local Roads

Annual Average Daily Traffic (AADT)
- 0
- 1 - 10,000
- 10,000 - 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000

Rail Network

Regional Network

Counties and Cities

Water

Disadvantaged population access to transit accounts for existing transit service where the data is available.

Date: 8/14/2019

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