Regional Workshop - Lynchburg Area
August 21, 2019

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

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

Other Selected Limited Access Facilities

Rail Network
Urban Development
Buffer around Primary COSS Facilities
Regional Network
Counties and Cities
Water

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Date: 8/13/2019

VDOT Construction Districts

Office of INTERMODAL Planning and Investment
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Regional Workshop - Lynchburg Urban Area
August 21, 2019

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

August 21, 2019

Centers and Activities

- 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

Map 1B

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Congestion Measure for Interstates and Select Limited Access Facilities: Lynchburg Urban Area

August 21, 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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Congestion Measure for Non-Limited-Access COSS and Regional Network: Lynchburg Area

August 21, 2019

minimum TTI value shown 1.5

1.5 - 2.0
2.0 - 2.5
2.5 - 3.0
Greater than 3.0

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

Other Selected Limited Access Facilities

Buffer around Primary COSS Facilities

Rail Network

Urban Development Areas

Regional Network

Counties and Cities

Water

VDOT Construction Districts

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Congestion Measure for Non-Limited-Access COSS and Regional Network: Lynchburg Urban Area

August 21, 2019

minimum TTI value shown 1.5

1.5 - 2.0
2.0 - 2.5
2.5 - 3.0
Greater than 3.0

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

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

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

August 21, 2019

Minimum 80th/50th percentile travel time equal to 1.5 or higher - Weekday

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

Annual Average Daily Traffic (AADT)

0 - 750
750 - 2,600
2,600 - 7,400
7,400 - 21,800
>21,800

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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Unreliable Delay (UD) - Number of person-hours of delay during Unreliable Conditions: Lynchburg Urban Area

August 21, 2019

Minimum 80th/50th percentile travel time equal to 1.5 or higher - Weekday

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

Annual Average Daily Traffic (AADT)

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

August 21, 2019

Unreliable Condition: Minimum 80th/90th percentile travel time equal to 1.5 or higher - Weekend
- 0 - 750
- 750 - 2,600
- 2,600 - 7,400
- 7,400 - 21,800
- Greater than 21,800

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

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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Unreliable Delay (UD) - Number of person-hours of delay during Unreliable Conditions: Lynchburg Urban Area

August 21, 2019

Minimum 80th/50th percentile travel time equal to 1.5 or higher - Weekend

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

Annual Average Daily Traffic (AADT)

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: Lynchburg Area

August 21, 2019

Minimum BTI value shown is 0.5

0.5 - 1.0
1.0 - 1.5
1.5 - 2.0
2.0 - 2.5
Greater than 2.5

Activity Centers
- Freight dependent
- Knowledge
- Local serving
- Ports
- Amtrak/Passenger Rail Stations
- Airports
- Interstates
- Intercity Highways (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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Reliability Measure for Non-Limited-Access COSS and Regional Network: Lynchburg Urban Area

Minimum BTI value shown is 0.5

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

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

VDOT Construction Districts

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Date: 8/13/2019
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 - Lynchburg Area

August 21, 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
- 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
Buffer around Primary COSS Facilities
Urban Development
Regional Network
Counties and Cities
Water

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Accessibility to Activity Centers: Regional Workshop - Lynchburg Urban Area

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
- 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
Buffer around Primary COSS Facilities
Urban Development
Regional Network
Counties and Cities
Water

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Disadvantaged Population beyond ¼ mile Access to Transit Service: Regional Workshop - Lynchburg Area

Disadvantaged block groups beyond 1/4-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

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.

VDOT Construction Districts

Date: 8/14/2019

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Disadvantaged Population beyond ¼ mile Access to Transit Service: Regional Workshop - Lynchburg Urban Area

Disadvantaged block groups beyond 1/4-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

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.

VDOT Construction Districts

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Disadvantaged Population beyond ¼ mile Access to Transit Service: Regional Workshop - Lynchburg Area

August 21, 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
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.

VDOT Construction Districts

Office of INTERMODAL Planning and Investment
VIRGINIA TRANSPORTATION PLAN

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Disadvantaged Population beyond ¼ mile Access to Transit Service: Regional Workshop - Lynchburg Urban Area

August 21, 2019

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

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.

VDOT Construction Districts

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