**Regional Workshop - Richmond Area Central** August 14, 2019 [33] **Activity Centers** Freight dependent 522 Knowledge 250 Local serving **301** Amtrak/Passenger Rail Stations 360 Airports Interstates 1 - 10,000 10,000 - 25,000 25,000 - 50,000 Boulevard/Scotts 50,000 - 75,000 Greater than 75,000 Other Selected Limited Access Facilities 360 ----- Rail Network Sandsto (RIC 1 95 **Urban Development Buffer around Primary COSS** Facilities Henrico Regional Network Counties and Cities **360** Water DSCR Swift Creek **VDOT Construction Districts** Chesterfield 360 Hopewell Office of **INTERMODAL** Planning and Investment VTRANS | VIRGINIA'S TRANSPORTATION PLAN 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.

**DRAFT** 

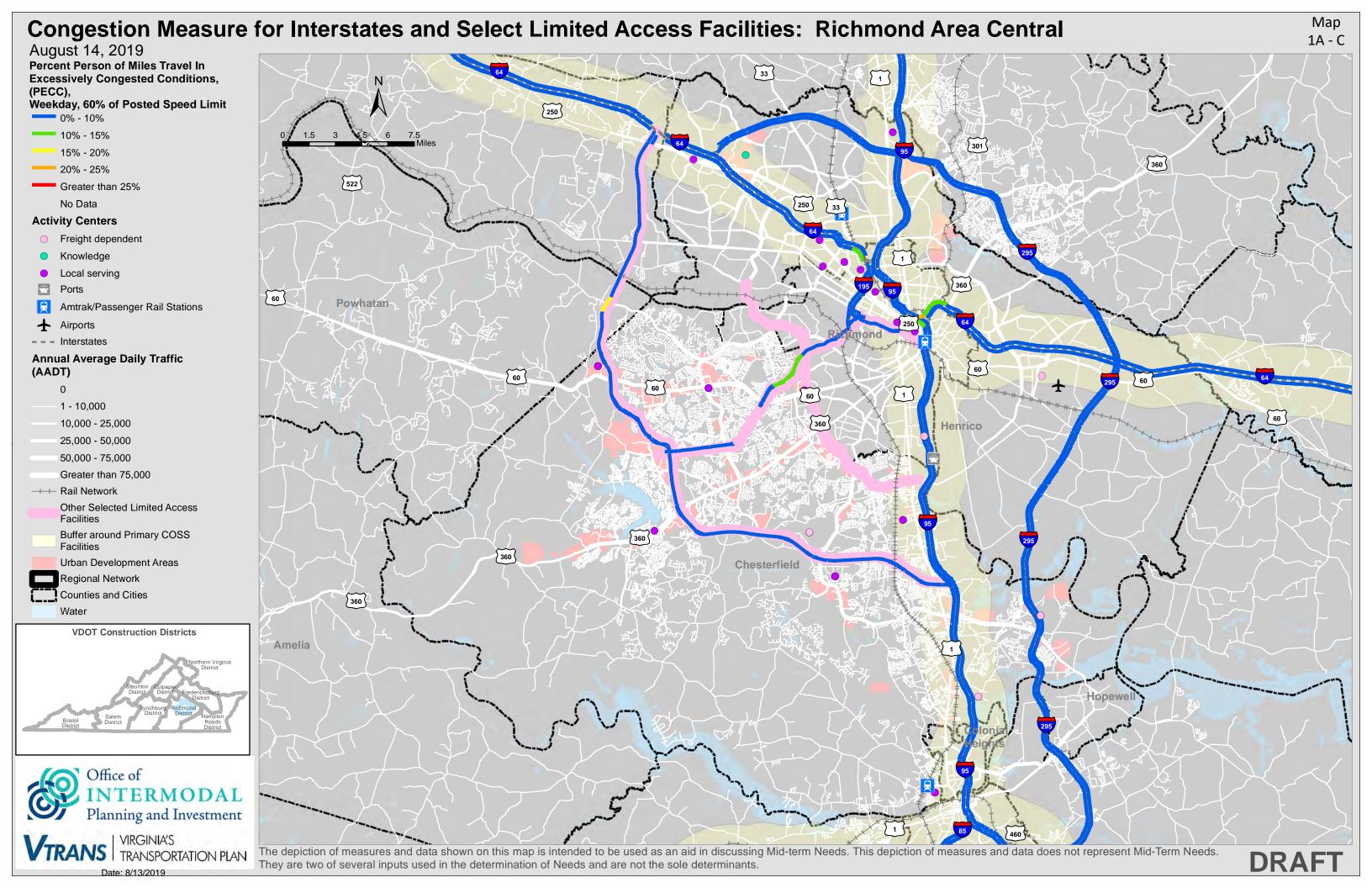
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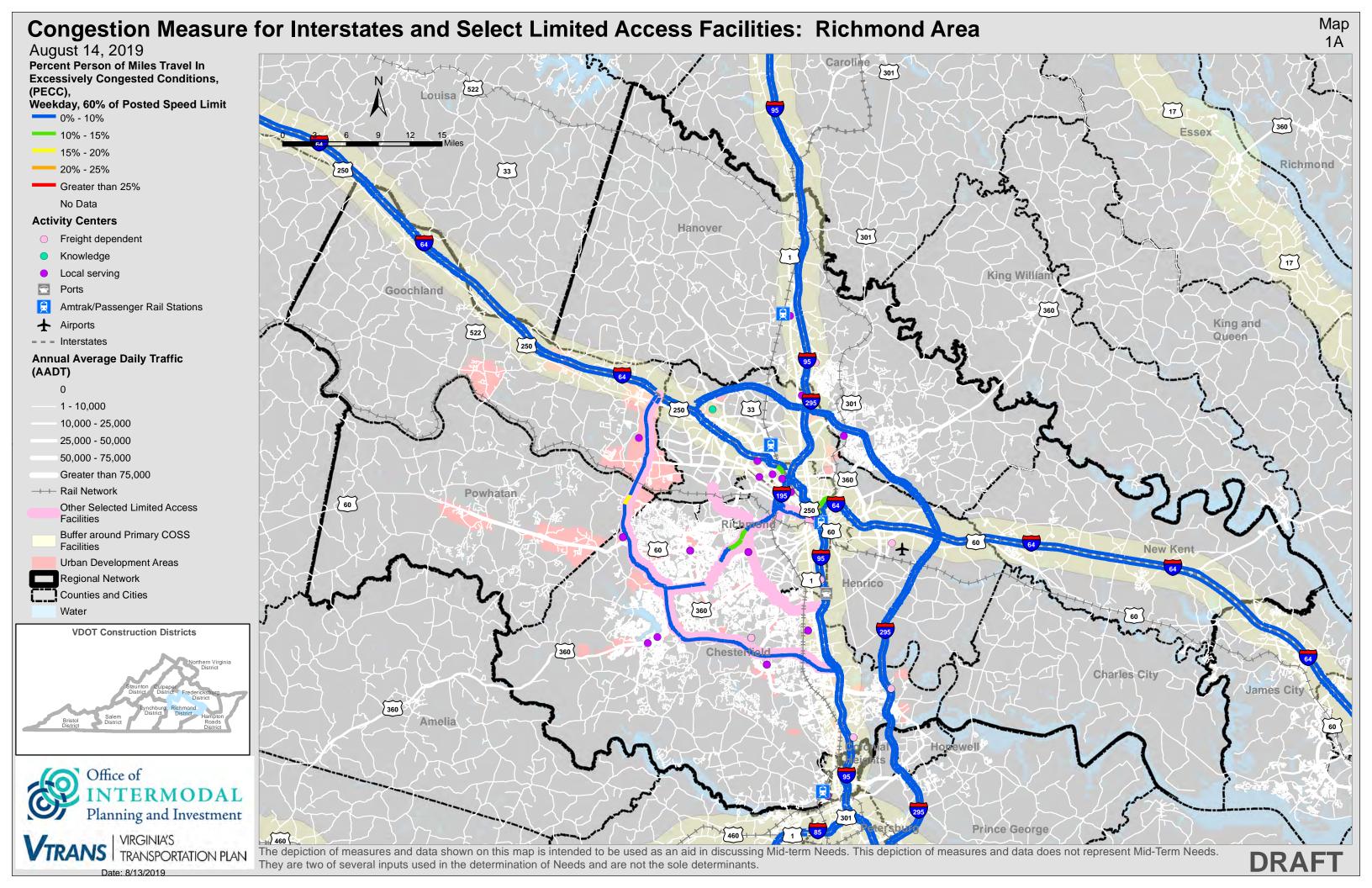
**Regional Workshop - Richmond Area** August 14, 2019 Westmoreland **Activity Centers** 301 Freight dependent 522 Knowledge Local serving Caroline Amtrak/Passenger Rail Stations 33 Essex Airports Interstates Richmond 1 - 10,000 Hanover 10,000 - 25,000 [17] 25,000 - 50,000 50,000 - 75,000 Goochland Greater than 75,000 33 King and Other Selected Limited Access Facilities Queen ----- Rail Network **Urban Development Buffer around Primary COSS** Facilities 250 Regional Network Counties and Cities Water Powhatan Watkins Westchester Richmon Chippeenham **VDOT Construction Districts** 360 Airport and Swift Creek DSCR 360 Chesterfield <u>360</u> James Ci **Prince George** Office of INTERMODAL Planning and Investment Nottoway Surry 460 VTRANS | VIRGINIA'S TRANSPORTATION PLAN 301 Dinwiddie 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.

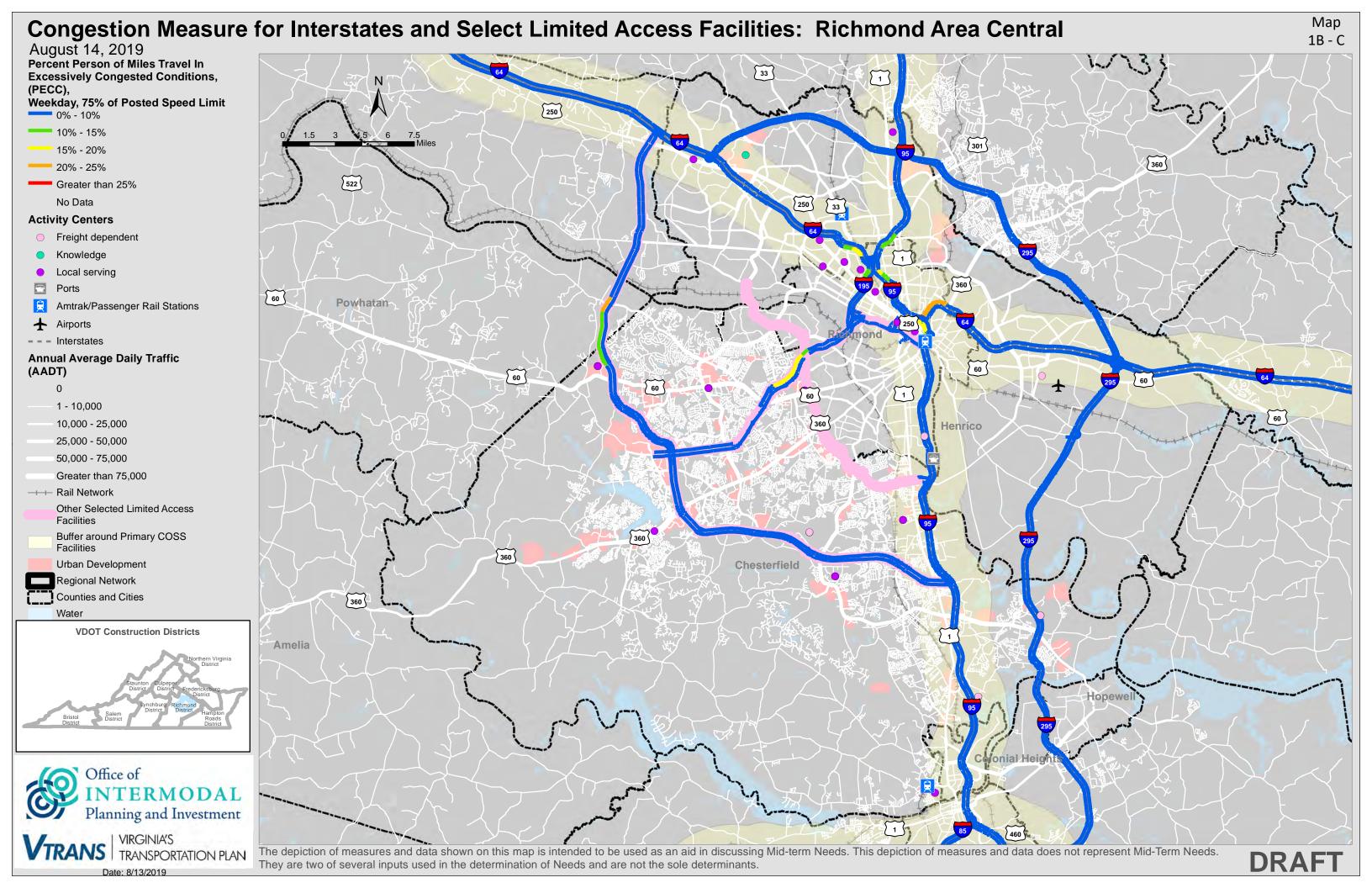
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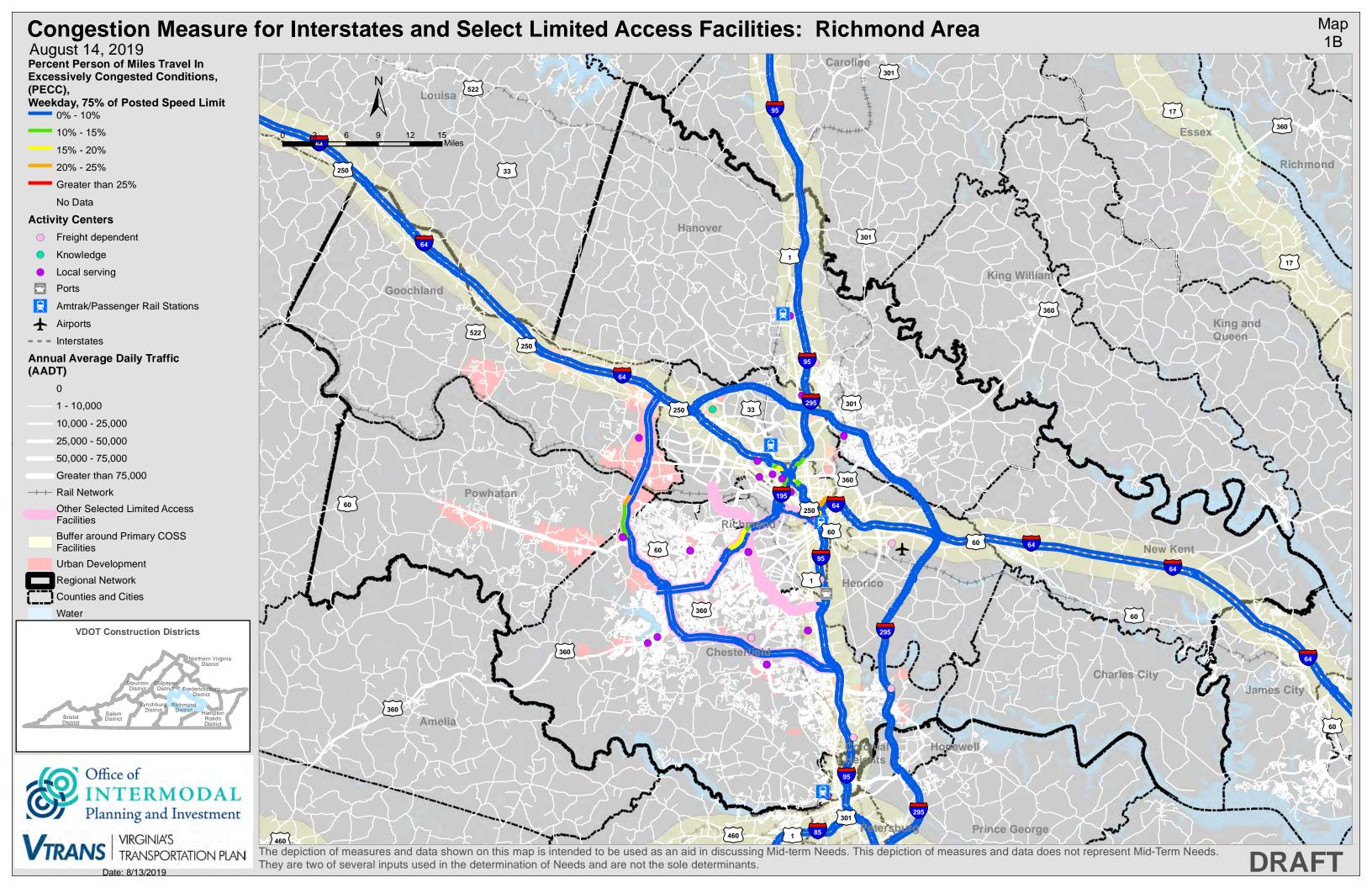
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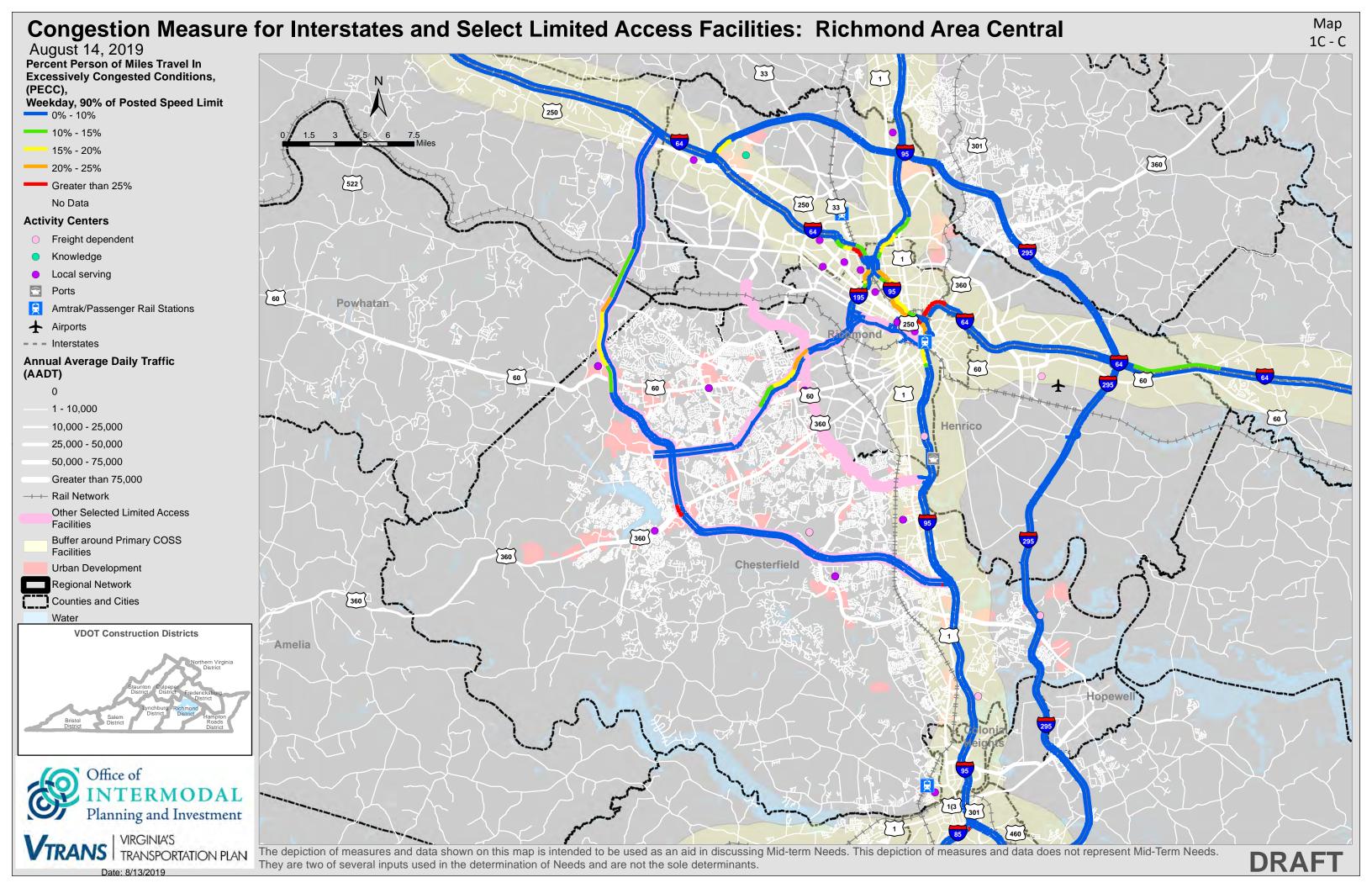
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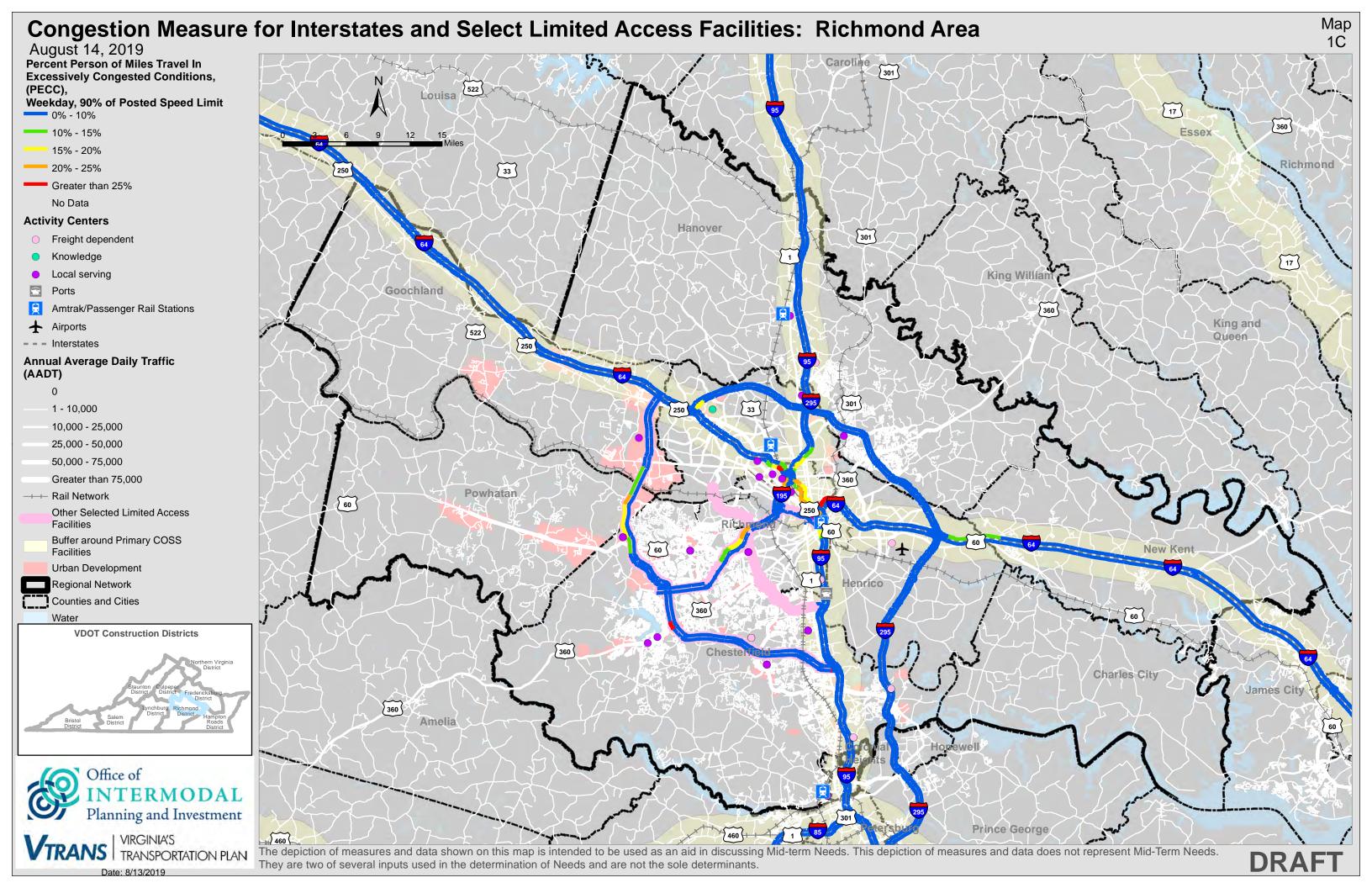


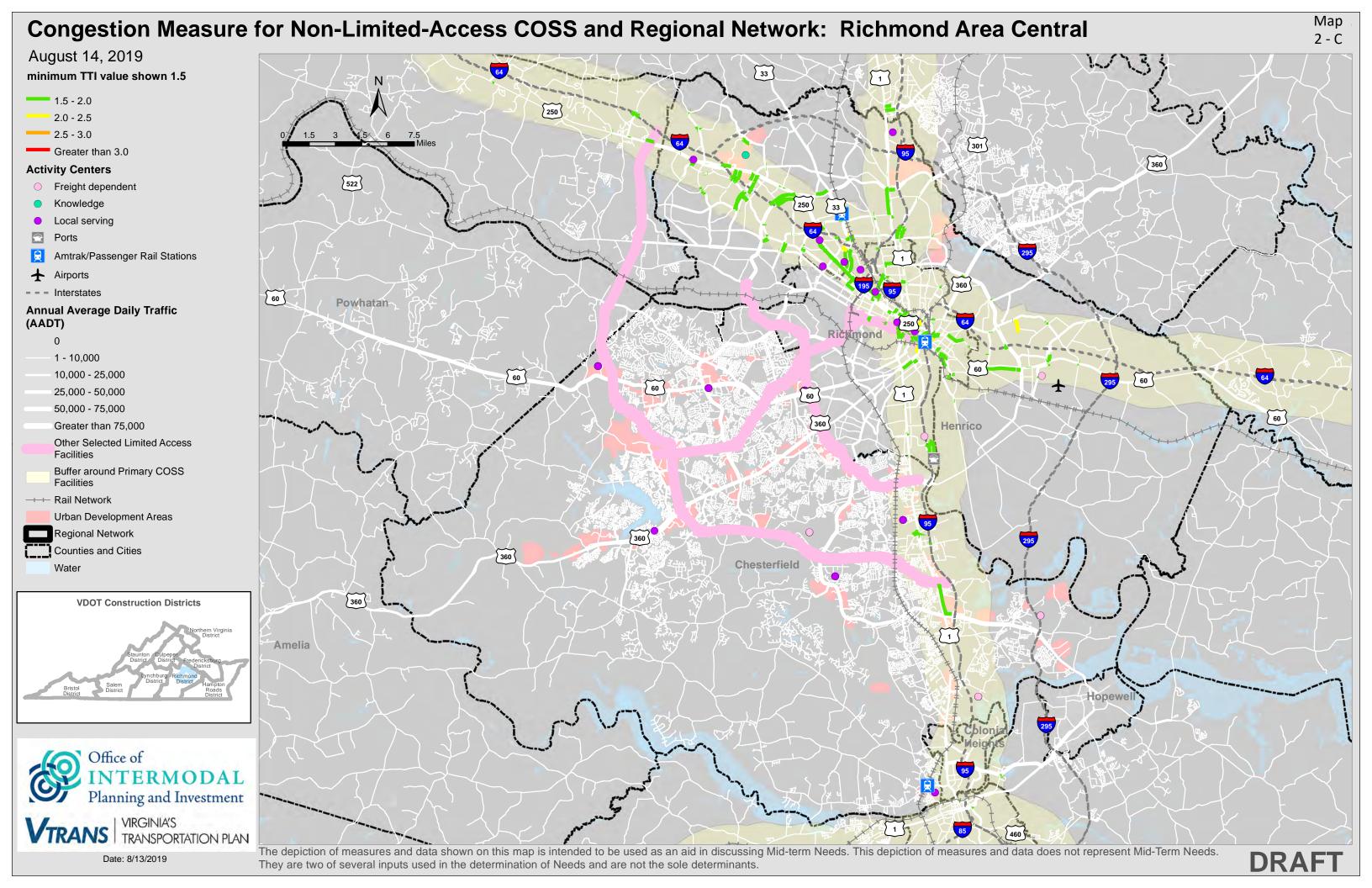


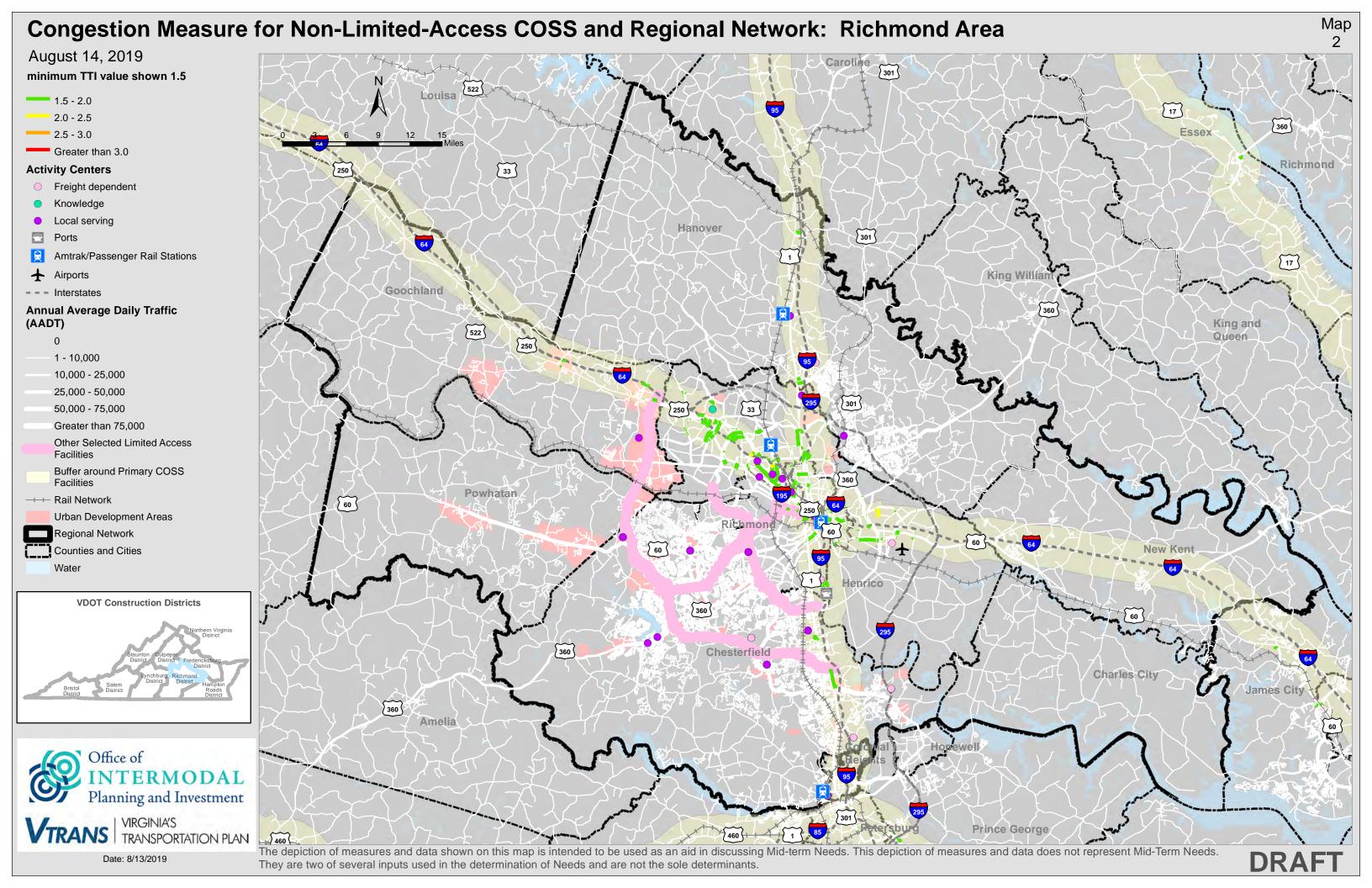


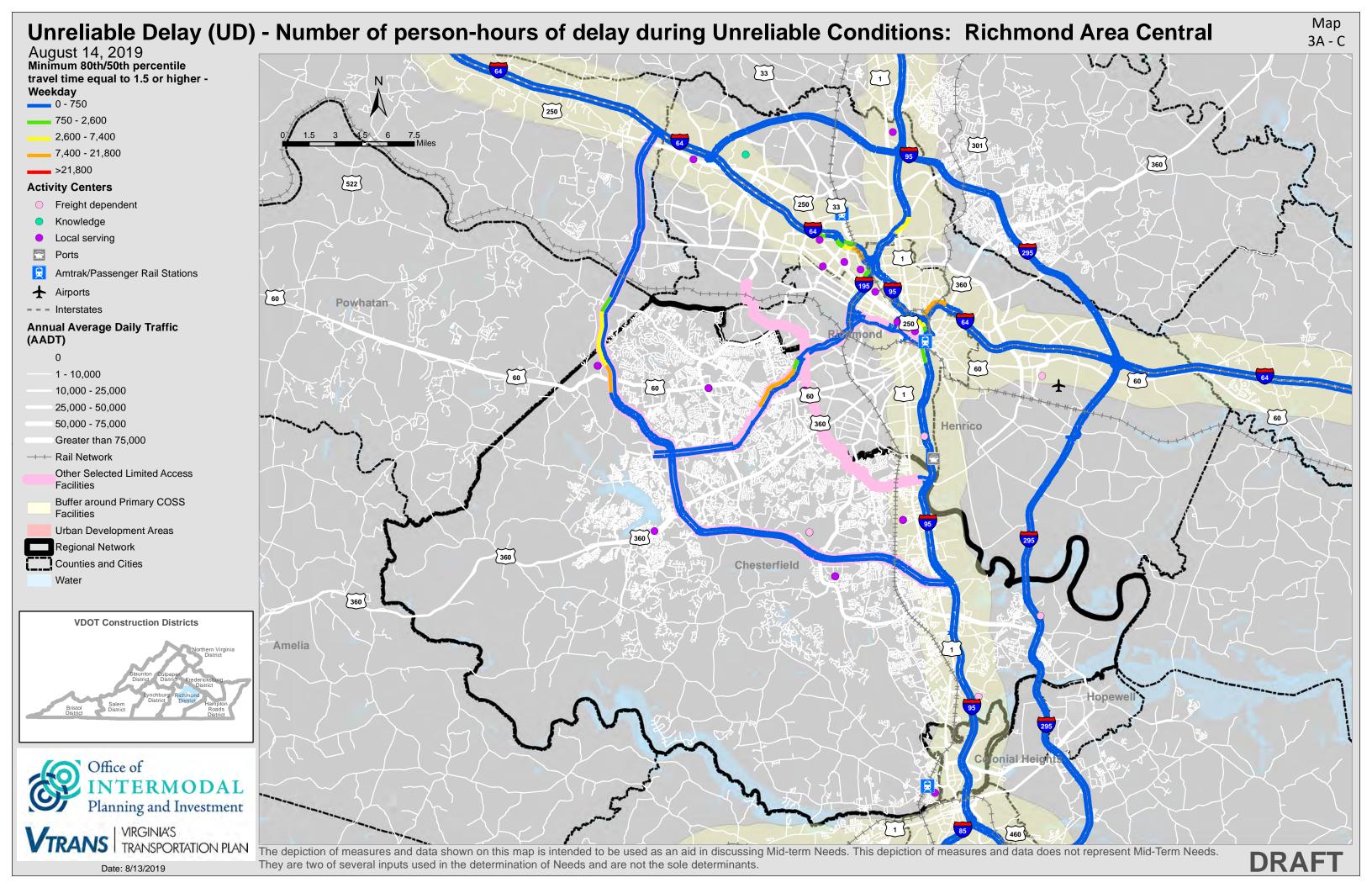


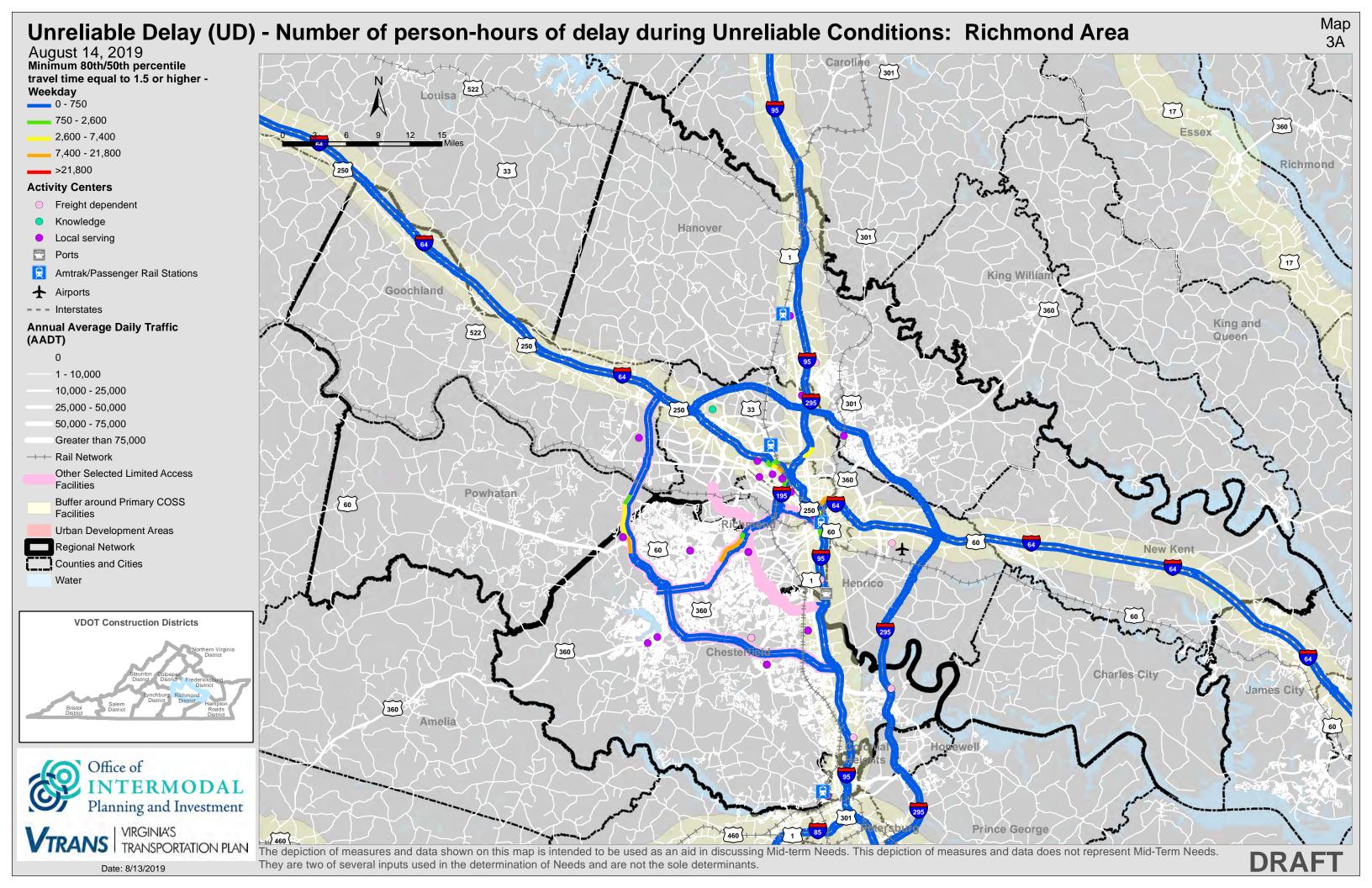


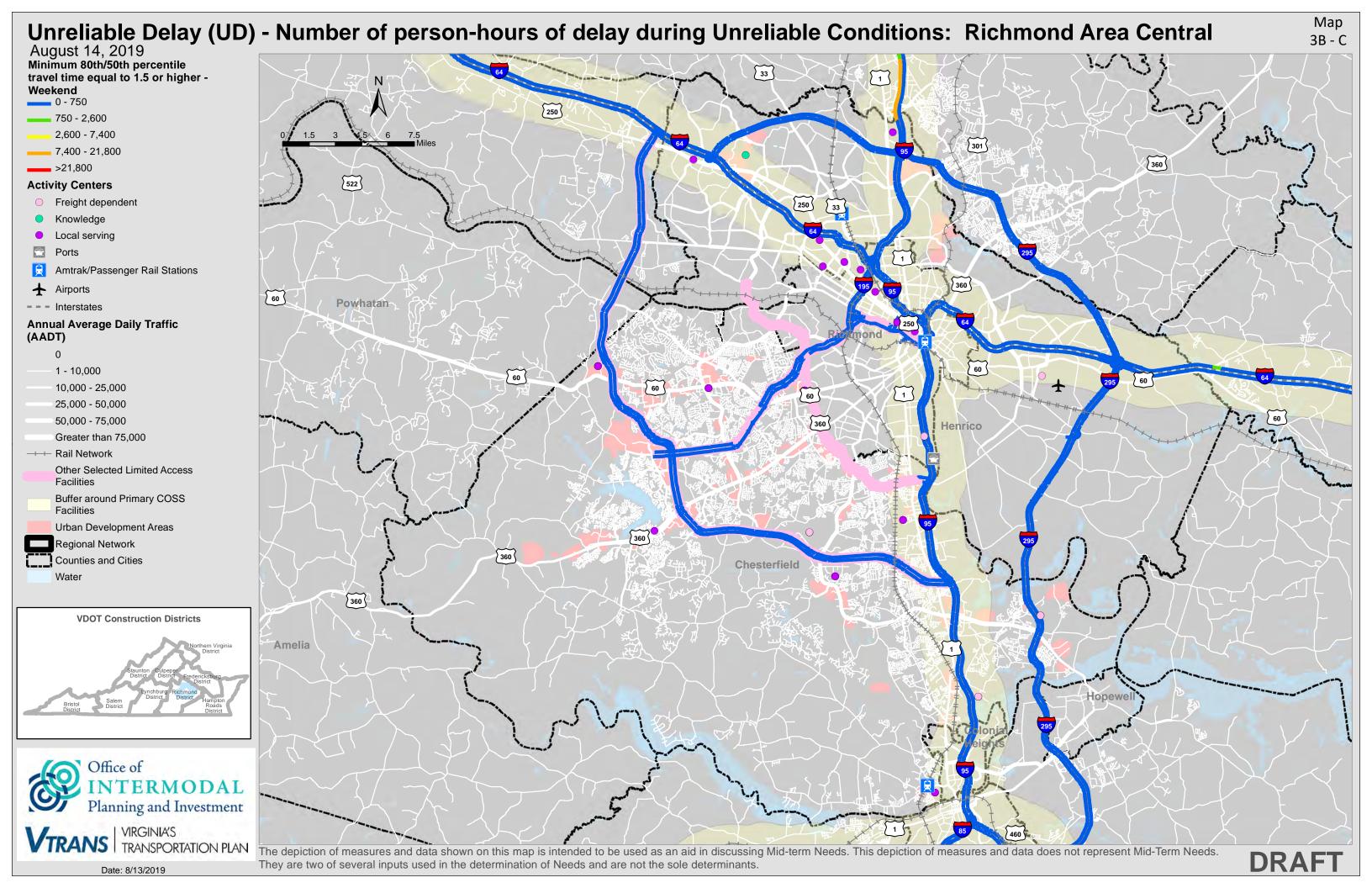


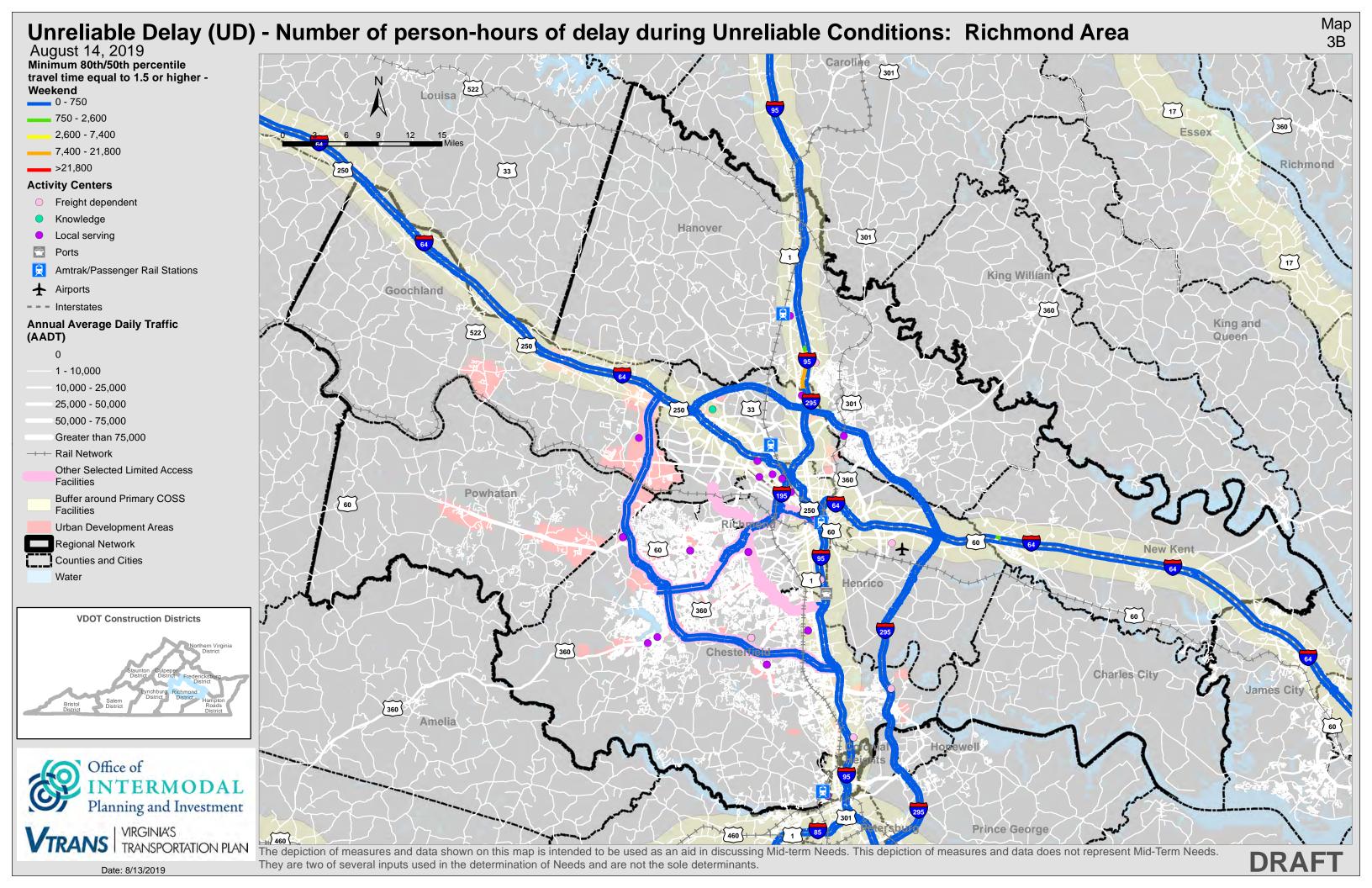


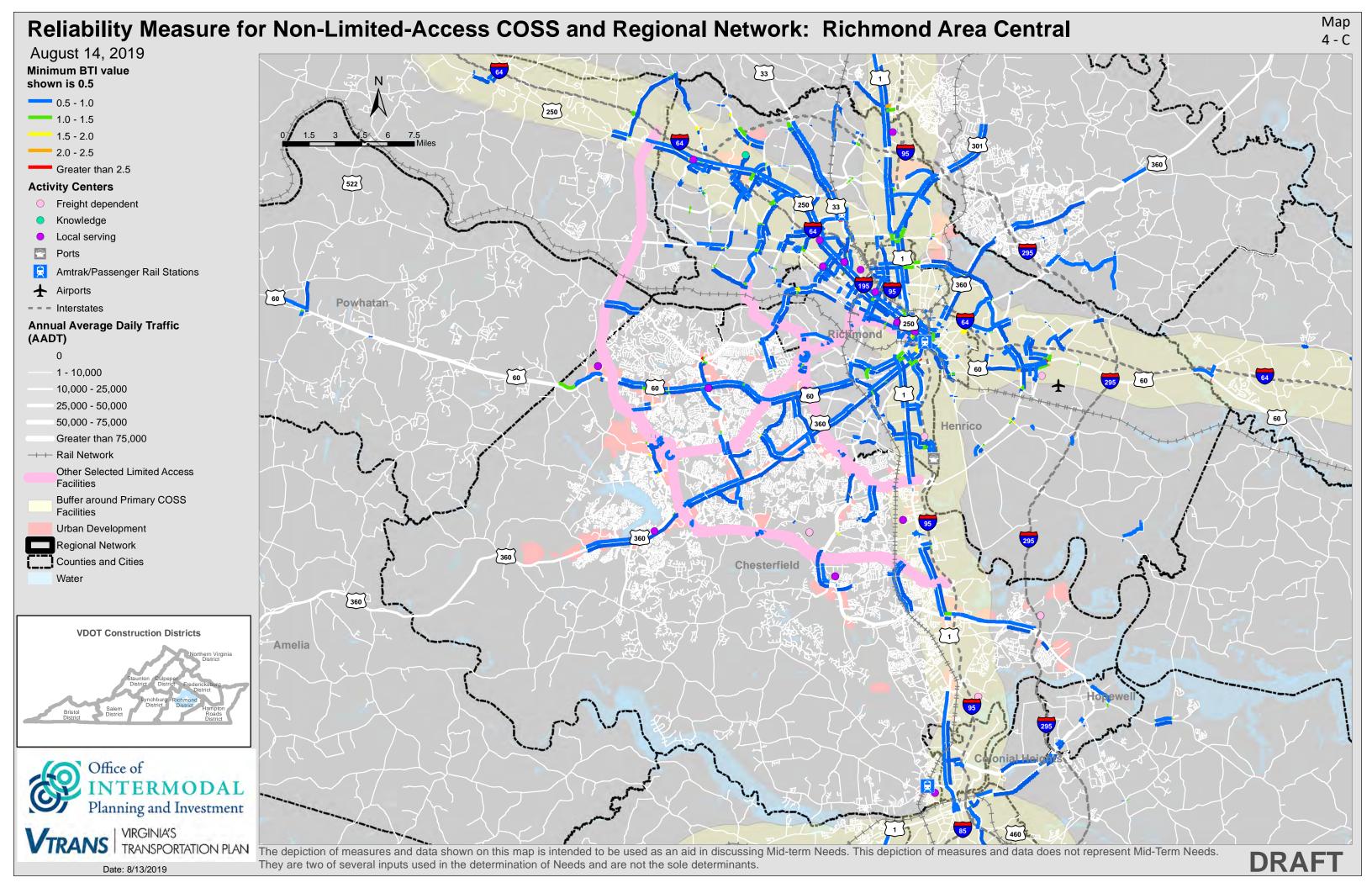


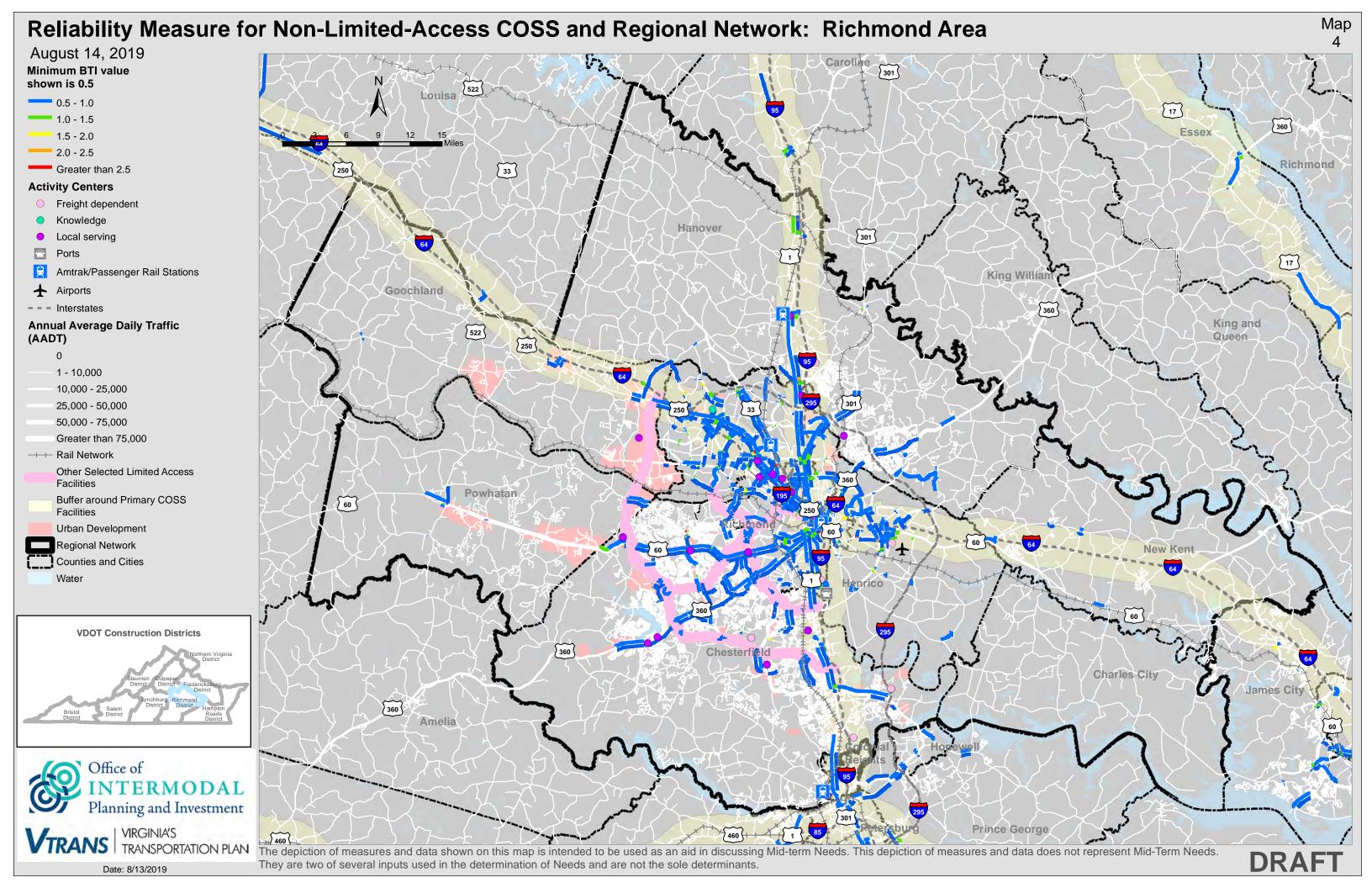








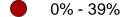




## **Amtrak On Time Rail Performance Averages 2018**



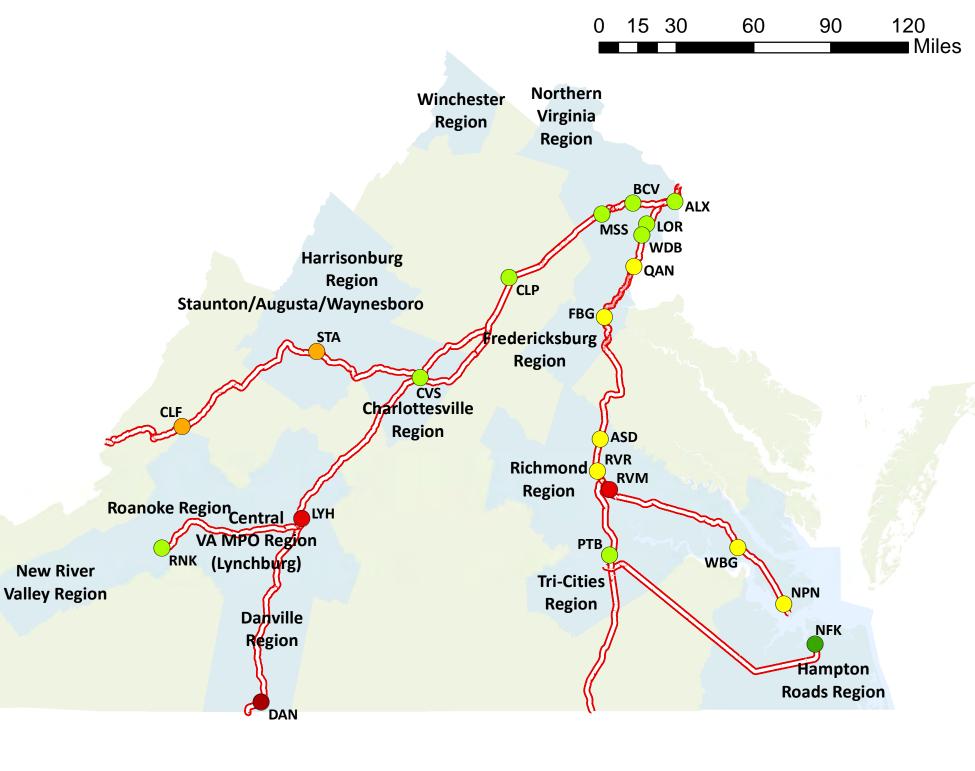
## **Amtrak Station (Average On-Time Performance)**



- 40% 49%
- **50% 59%**
- 60% 69%
- 70% 79%
- 80% 85%

Amtrak Routes

Regional Networks



Kingsport Region Bristol Region

## Virginia Railway Express On-Time Performance **VRE Stations VRE Routes Amtrak Routes Regional Networks** L'Enfant **Union Station** Northern **Crystal City** Virginia **Backlick** Region **Burke Center Road** Alexandria **Rolling Road** Manassas Park Franconia/Springfield • 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%. Lorton **Broad** • FY 2018 on-time performance exceeds the average in nine of the past 15 years. **Run/Airport** • VRE's on-time performance goal is 90%. (Source: VRE on time performance "key metrics" for February 2018) Woodbridge Average VRE On-Time Performance by Line ■ Fredericksburg Line ■ Manassas Line - Average Rippon 100% Potomac / 95% VRE Goal: 90% Shores 90% 85% Percent On-Time Quantico 80% 75% 70% 65% Fredericksburg Harrisonburg 60% Region Region 55% Brooke 50% FY 2010 FY 2011 FY 2013 FY 2014 FY 2015 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 **Leeland Road** Fredericksburg **Fiscal Year Spotsylvania** Charlottesville 26 0 3.25 6.5 19.5 Region

Map **Accessibility to Activity Centers: Regional Workshop - Richmond Area Central** 6 - C August 14, 2019 **Transit Access Deficit to** Local-Serving and Knowledge-Based **Activity Center for Workers** 250 Deficit levels, (high, medium, low) are relative to each region 522 Freight-Dependent Activity Center Pulse Line Stops Pulse Line Transit Routes Ports 60 **Powhatan** Amtrak/Passenger Rail Stations **★** Airports - - - Interstates Local Roads **60 Annual Average Daily Traffic** (AADT) 1 - 10,000 Henrico 10,000 - 25,000 360 25,000 - 50,000 50,000 - 75,000 Greater than 75,000 ----- Rail Network DSCR **Buffer around Primary COSS** Facilities Swift Creek Urban Development Chesterfield Regional Network Counties and Cities [360] Water **VDOT Construction Districts** Amelia INTERMODAL Planning and Investment VIRGINIA'S
TRANSPORTATION PLAN
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