



Virginia Department of Rail and Public Transportation

Virginia Update

Virginia-North Carolina Interstate High Speed Rail Compact Meeting

November 29, 2017

Rail Initiatives

Amtrak Service in Virginia

Roanoke Extension

DC2RVA

Atlantic Gateway

Long Bridge

Arkendale to Powell's Creek

Acca Yard

Staples Mill

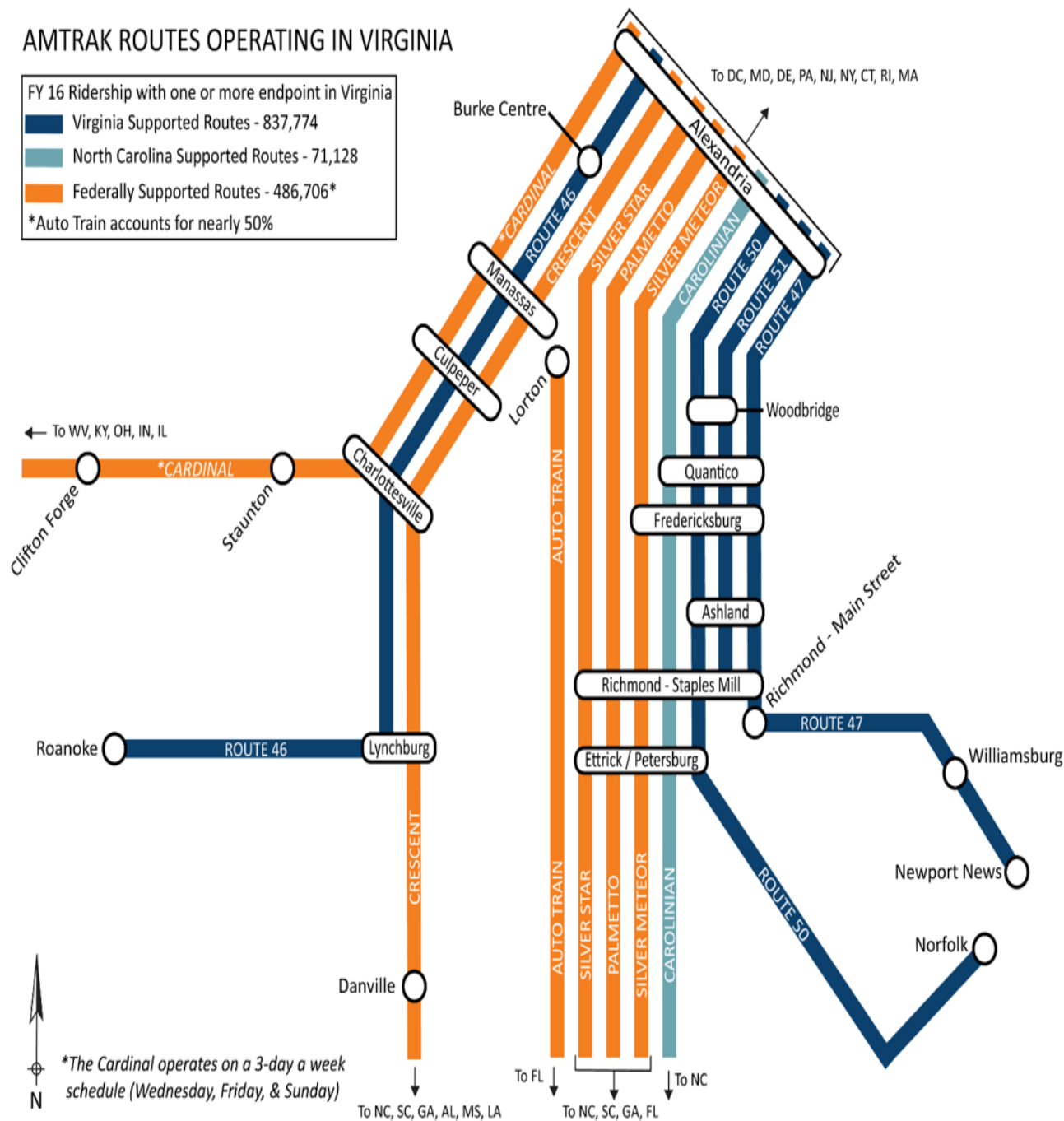
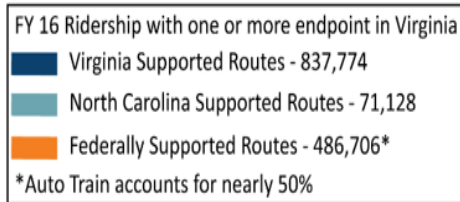
Short Line Railroads



Amtrak Service in Virginia



AMTRAK ROUTES OPERATING IN VIRGINIA



State-sponsored Amtrak Service

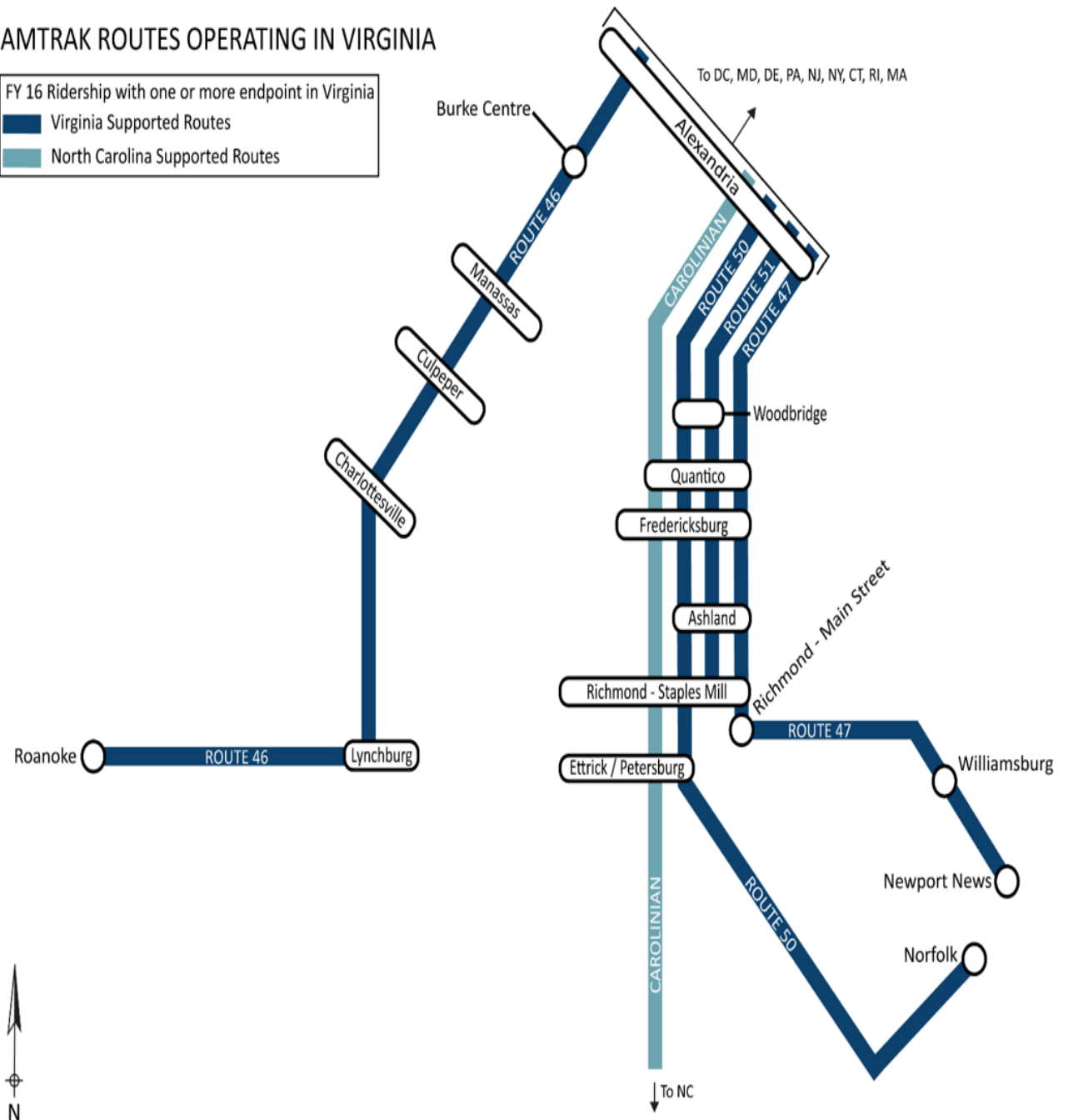


AMTRAK ROUTES OPERATING IN VIRGINIA

FY 16 Ridership with one or more endpoint in Virginia

■ Virginia Supported Routes

■ North Carolina Supported Routes



Roanoke Extension Projects



Total Project Cost: \$102 Million (all DRPT funded)

Roanoke Amtrak Extension Network Improvements: Shift freight traffic away from rail route to Roanoke



Altavista Clearances: Tunnel DRPT Funded to Allow for Doublestack Clearance



High Level Platform Being Constructed in Downtown Roanoke

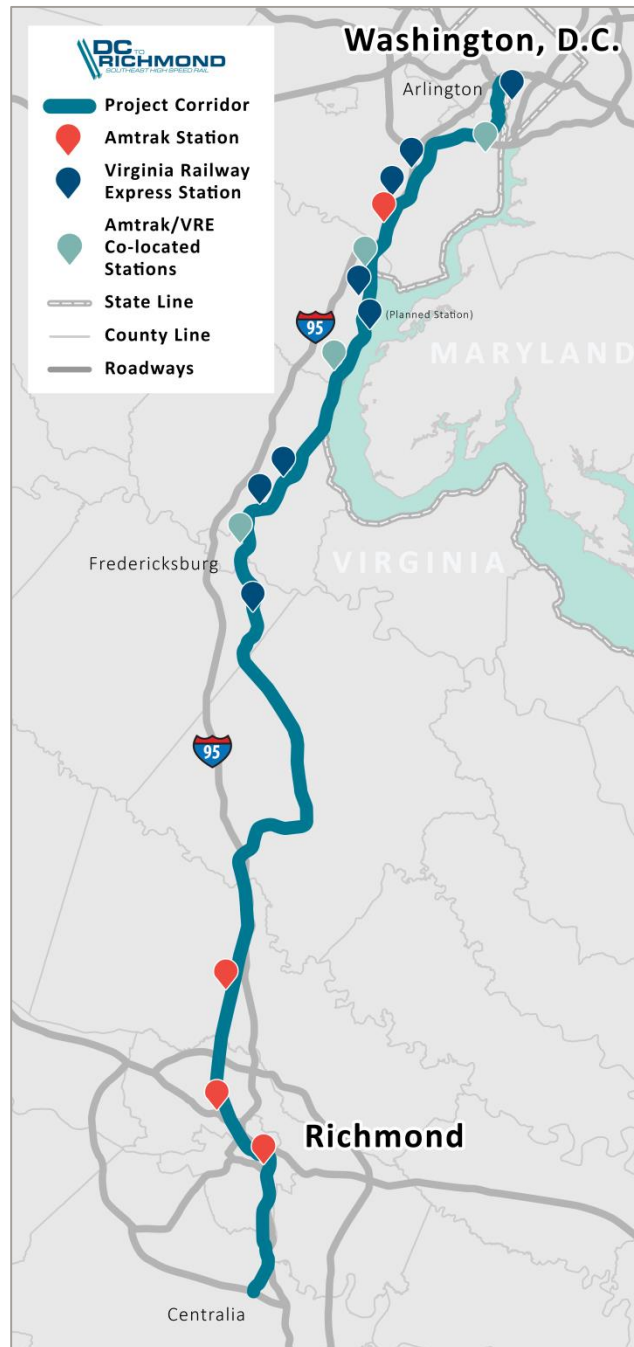


First Amtrak
Test Train in
Roanoke: Last
Amtrak Train
seen in
Roanoke was
1979



• **DRPT** •

DC₂RVA Corridor Overview



- 123-mile corridor
- Follows **CSX's** rail line
- Shared freight rail and passenger rail corridor
- **Amtrak** provides intercity passenger rail service
- **Virginia Railway Express** provides commuter rail service

DC2RVA Project Update

- Commonwealth Transportation Board (CTB) decision on Preferred Alternative December 6th
- Preliminary Engineering for Preferred Alternative 2018
- Final EIS and ROD expected early 2019












Phase and Cost Summary for DC₂RVA



Area in Order of Construction Priority	Recommendation	Approximate Comparative Cost (millions 2025 \$)
Northern Virginia	Additional third or fourth track	\$1,653
Arlington	Three options depending on Long Bridge	\$36 to \$47
Fredericksburg	Additional third track through City	\$507
Richmond	Main Street Station and Staples Mill Road Station Full Service via S-Line	\$1,483
Central Virginia	Additional third track	\$643
Ashland	TBD	TBD

DC2RVA Existing and Proposed Round Trips

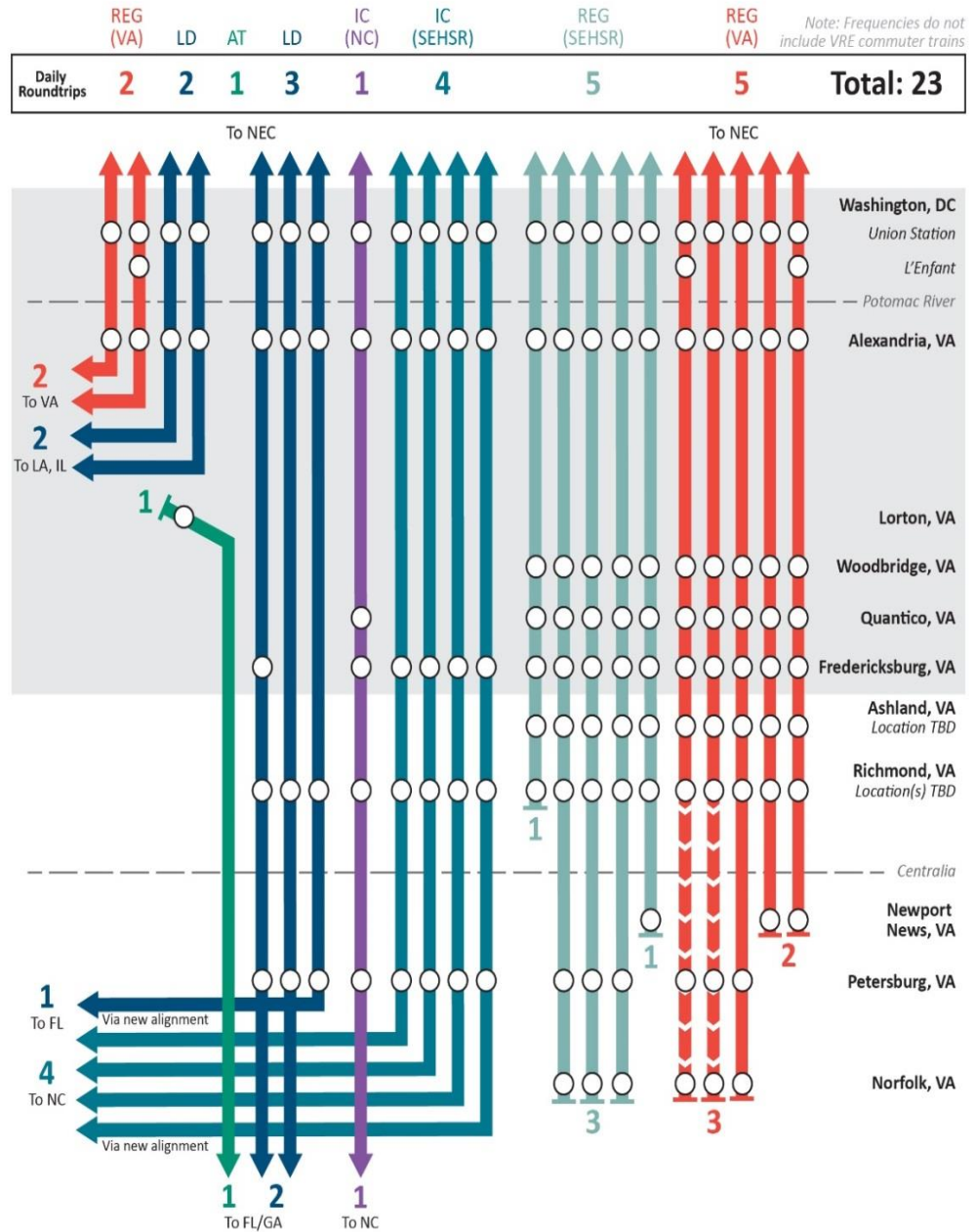
-  Long Distance
-  Northeast Regional (Virginia)
-  Interstate Corridor (Carolinian)
-  Auto Train
-  Northeast Regional (Southeast High Speed Rail)
-  Interstate Corridor (Southeast High Speed Rail)
-  Existing train extended to Norfolk
-  City also served by VRE commuter trains
-  Station Stop

Changes from No Build

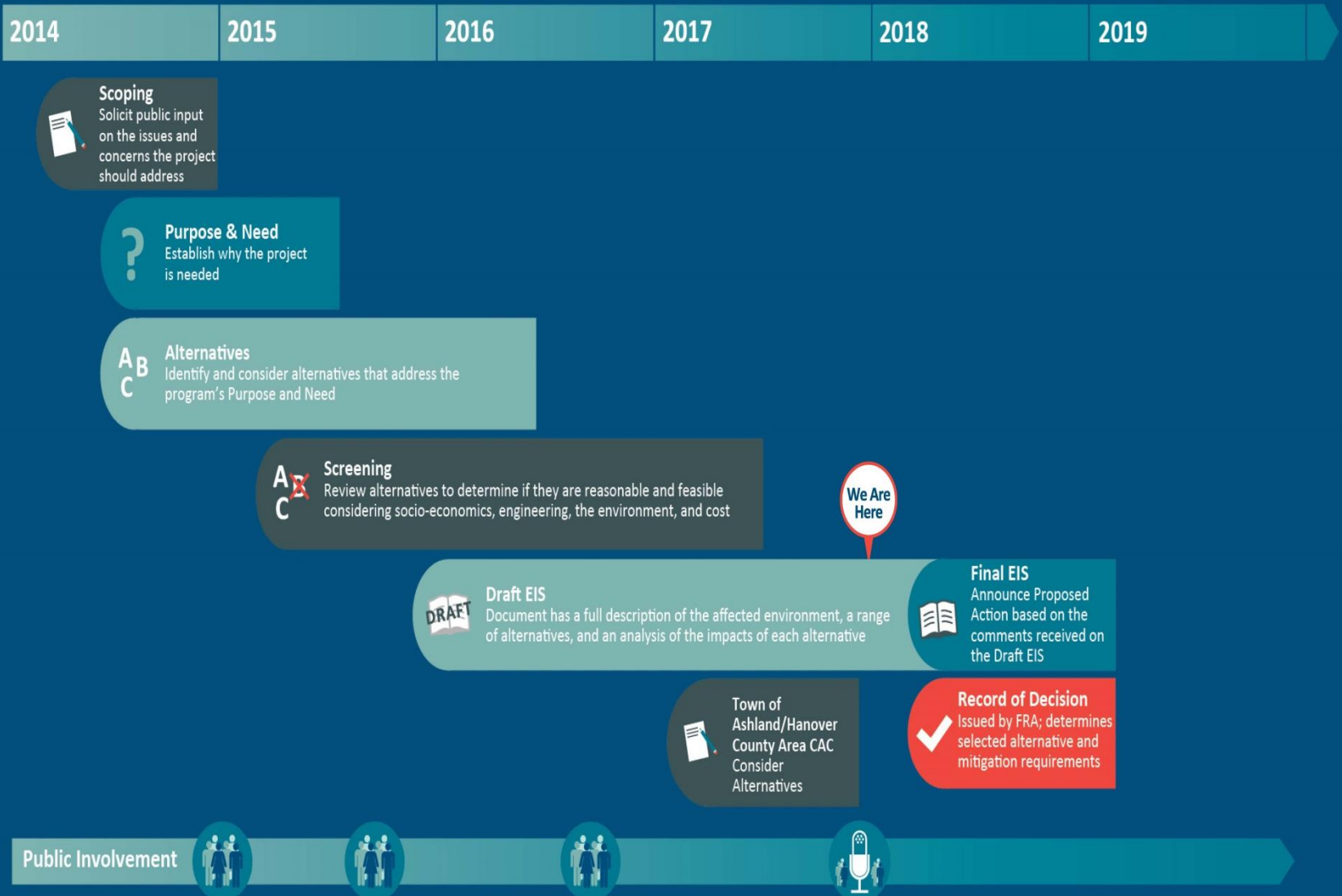
- 9 new SEHSR roundtrips
 - 4 to North Carolina
 - 3 to Norfolk
 - 1 to Newport News
 - 1 to Richmond

DRPT.

Build (2025)

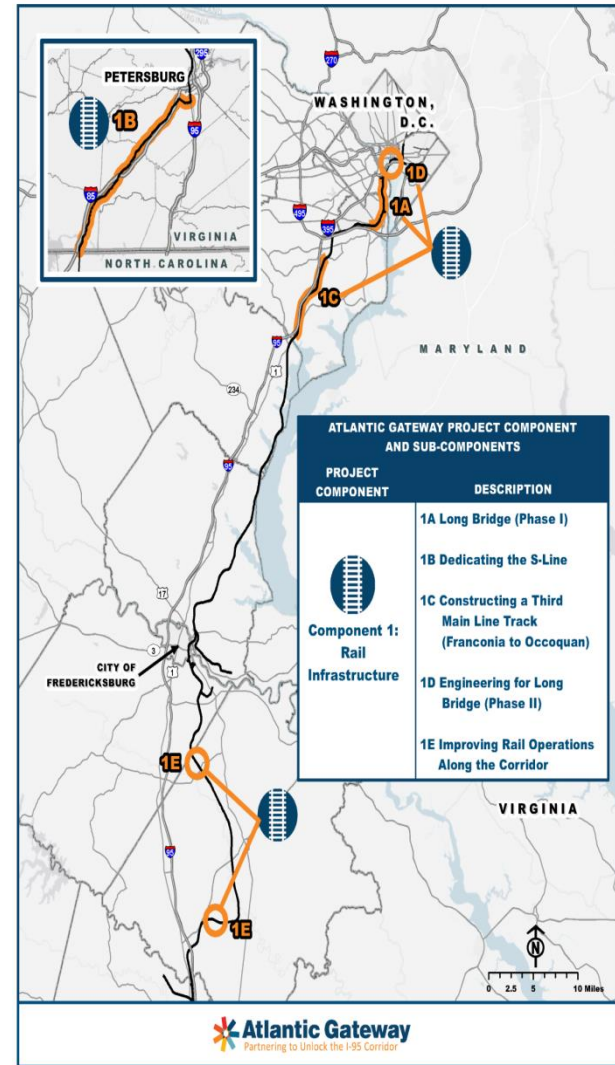


DC2RVA Timeline

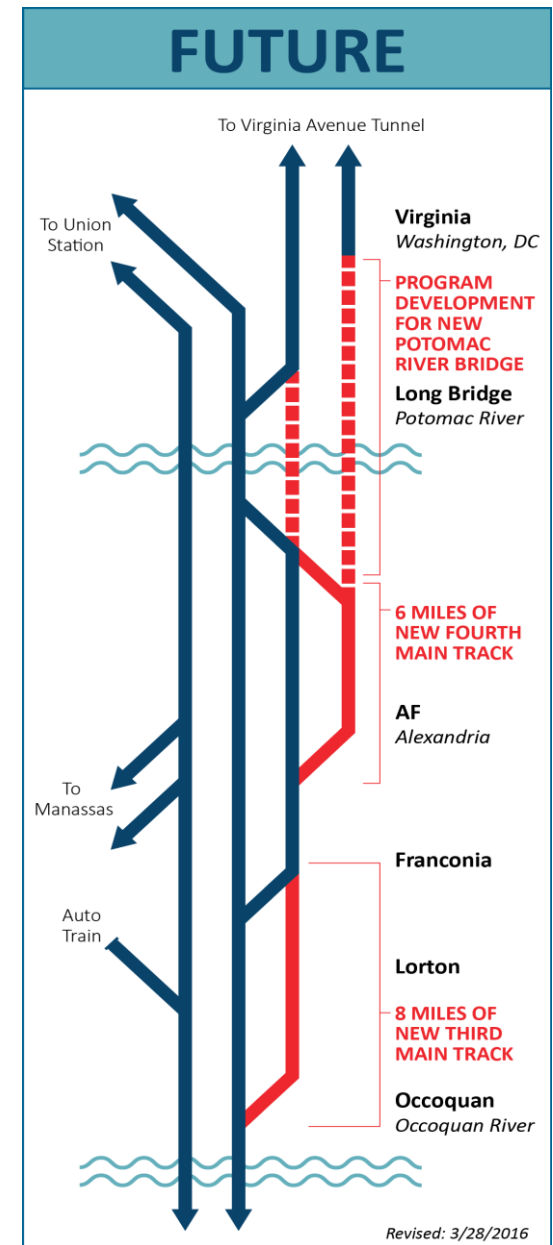
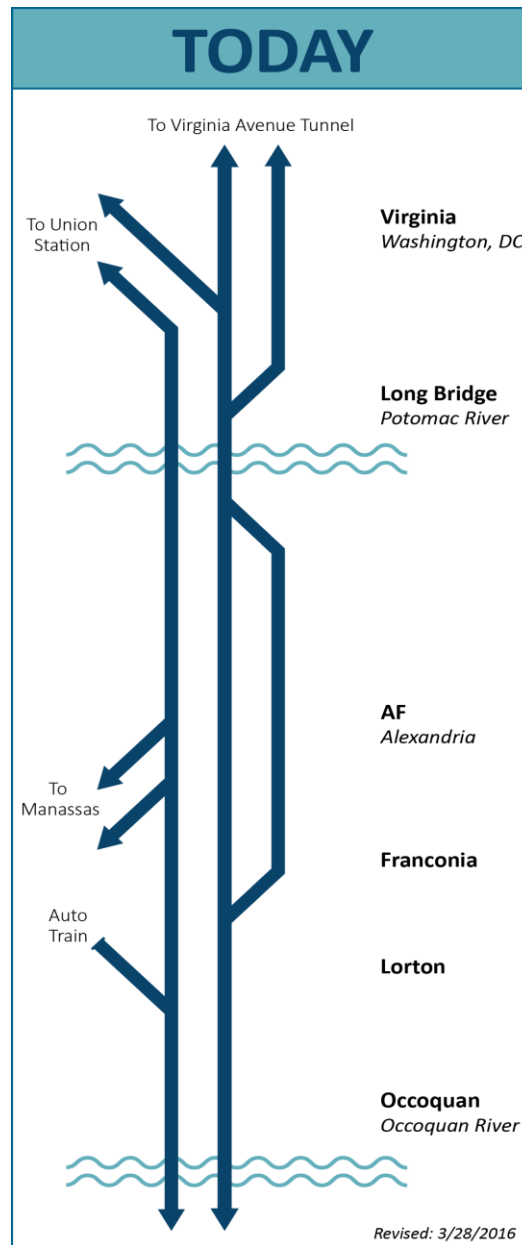


Atlantic Gateway

- A \$1.4B public-private partnership between VA, Transurban, and CSX
- Rail Improvements include:
 - Design and construction of 14 miles of track in NOVA
 - PE for the Long Bridge
 - 2 Crossovers in Caroline County
 - S-Line Acquisition
- Total Rail Portion
 - \$45 million Federal FAST Lane
 - \$460 million state funding
- CSX approval needed to move forward



Atlantic Gateway



Long Bridge



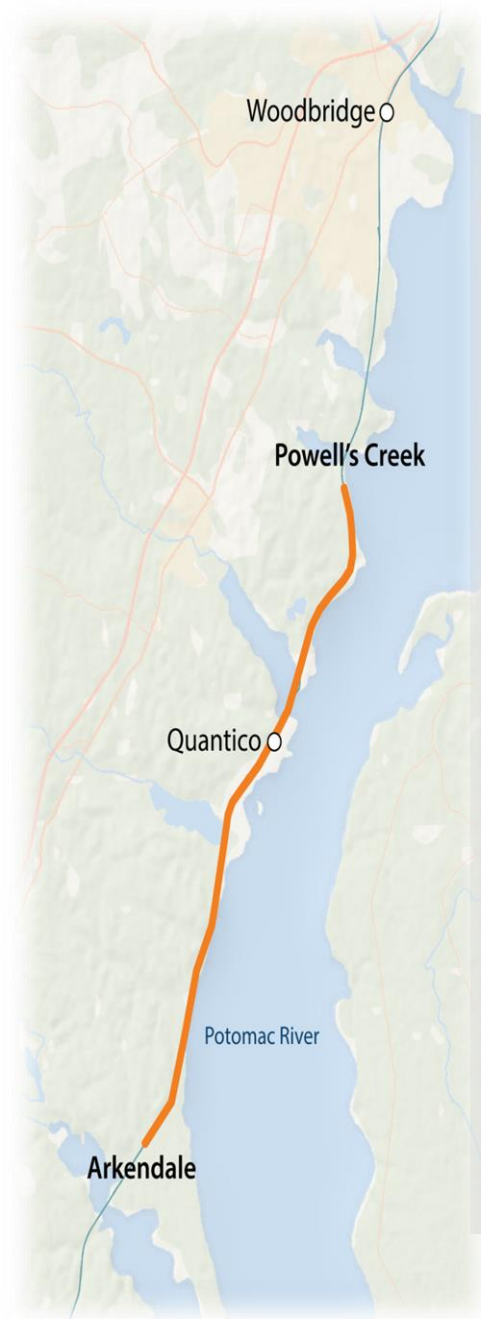
- **TOP PRIORITY** for freight rail, passenger, and commuter capacity in Virginia
- Atlantic Gateway will construct six miles of a new, fourth mainline track from Control Point RO in Arlington, Virginia to Control Point AF in Alexandria, Virginia
- Increase rail capacity between Washington, DC and Virginia across the Potomac River
- NEPA completion anticipated in 2019



Arkendale 3rd Track Project



- 9.2 Miles of 3rd Track
- Part of an initiative to construct a 3rd track between Fredericksburg and Washington DC.
- Budget: \$115M
 - \$75M Federal ARRA Funds
 - \$40M State Funds
- Includes Quantico Station Improvements
- Partnership with CSX, FRA, VRE, Amtrak
- Project 65% complete; Full completion 6/2020



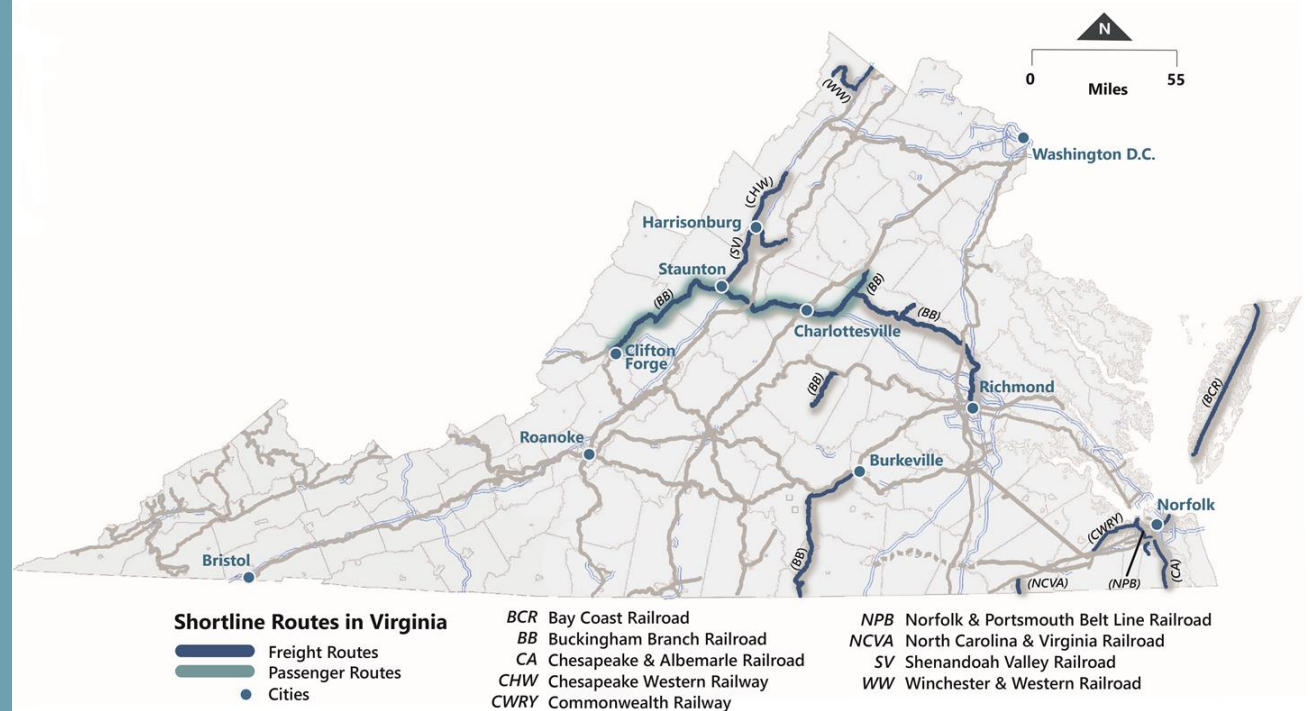
Acca Bypass and Richmond Area Improvements



- Acca is the main rail yard in Richmond that is a bottleneck for the SE rail network
- Improves network fluidity and yard operations for freight traffic
- Three Project Components:
 - Acca Bypass (allows Amtrak to bypass yard)
 - 8 miles of Double Track
 - 3 Universal Crossovers
- Provides additional intercity passenger rail slots to Norfolk and Lynchburg via CSX (NS slots already secured)
- Budget: \$132M
 - \$117M State Funds
 - 15M CSX Match
- Project 65% Complete;
Completion in January 2019



Shortline Railroads



- \$11.8M Signal Modernization on the Buckingham Branch Benefits Cardinal Service
 - Was 1940's technology
- \$75M of projects underway on Virginia Shortline Network

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