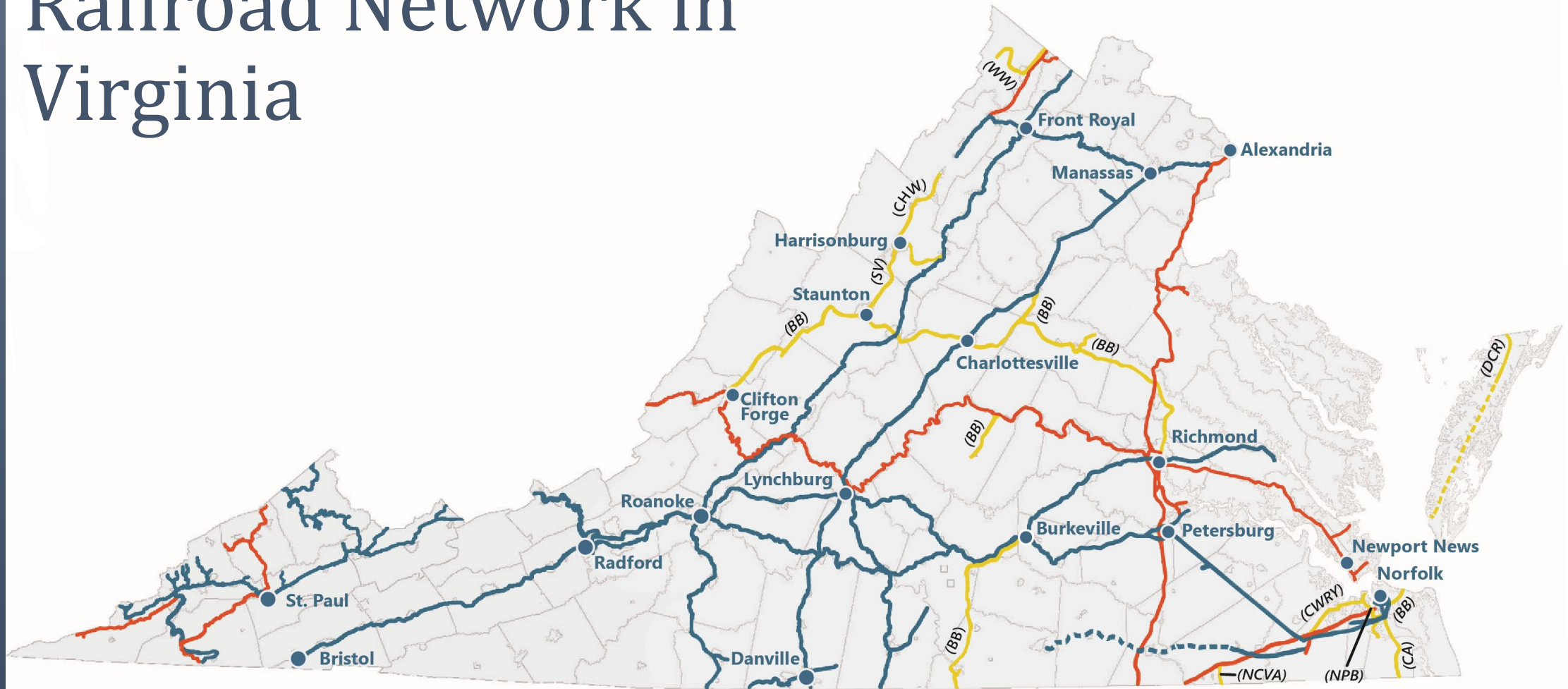




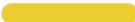


# Overview of Rail in Virginia

Jeremy Latimer, Director of Rail Programs - DRPT

# Railroad Network in Virginia



## Freight Routes in Virginia

-  Norfolk Southern
-  CSX Transportation
-  Shortline
-  Discontinued
-  Cities/Towns

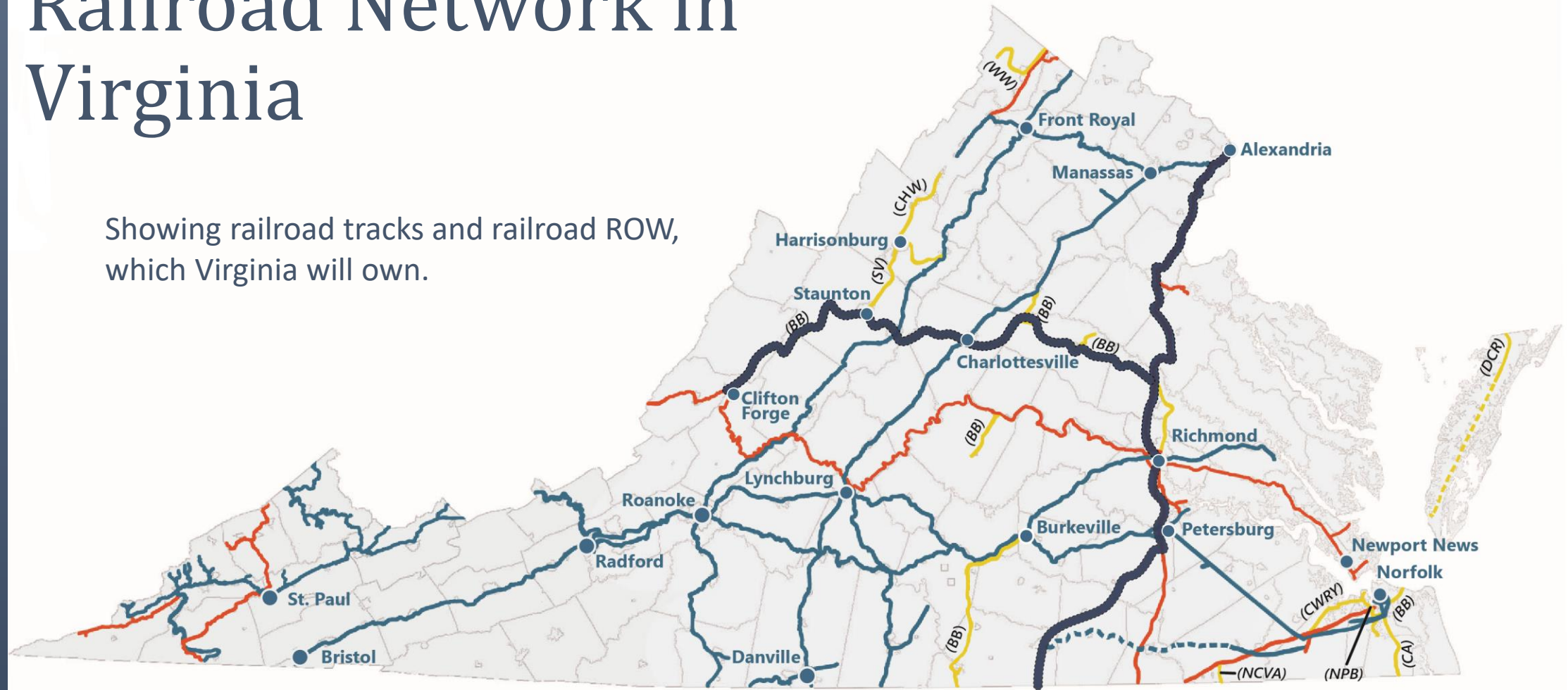
## Host Railroads

- DCR* Delmarva Central Railroad
- BB* Buckingham Branch Railroad
- CA* Chesapeake & Albemarle Railroad
- CHW* Chesapeake Western Railway

- CWRY* Commonwealth Railway
- NPB* Norfolk & Portsmouth Belt Line Railroad
- NCVA* North Carolina & Virginia Railroad
- SV* Shenandoah Valley Railroad
- WW* Winchester & Western Railroad

# Railroad Network in Virginia

Showing railroad tracks and railroad ROW, which Virginia will own.



## Freight Routes in Virginia

- Norfolk Southern
- CSX Transportation
- Shortline
- Discontinued
- Cities/Towns

## Host Railroads

- DCR Delmarva Central Railroad
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- Virginia

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# Public Benefits of Rail to Virginia

## GROW THE ECONOMY

RAIL SERVICES DRIVE 6% OF VIRGINIA'S TOTAL ECONOMY.  
MORE THAN 6,000 JOBS CREATED DIRECTLY BY RAIL NETWORK



**\$2.2 BILLION**  
in annual benefits

 about 9 cents per  
ton-mile of rail use



**\$190 MILLION**  
in annual benefits

 about 46 cents per  
passenger-mile of rail use

*Benefits are largely derived from savings from diverting freight and passengers from highways to rail and includes congestion savings and crash reduction benefits.*

## BREATHE EASIER

3M TONS OF CO<sub>2</sub> EMISSIONS AVOIDED  
(6.4% OF TOTAL IN VIRGINIA PER YEAR)



On average, railroads  
are **four times** more fuel  
efficient than trucks



Moving freight by rail instead  
of truck generates **75% less**  
greenhouse gas emissions



The total estimated level  
of rail service in Virginia in  
2015 was about **25 billion**  
**ton-miles**

## TRAVEL SAFE

18 LIVES SAVED AND 3,000 CRASHES AVOIDED EACH YEAR



Shipping by rail avoids  
about **1.7 billion miles**  
of truck travel in Virginia



Passenger travel by rail avoids about  
**271 million miles** of personal  
driving in Virginia

## SAVE MONEY

\$123M PAVEMENT MAINTENANCE SAVINGS  
(6% OF ANNUAL VDOT MAINTENANCE BUDGET)



**8 = 240**  
PASSENGER RAILCARS PASSENGER VEHICLES



**100 = 340**  
FREIGHT RAILCARS SEMI-TRAILER TRUCKS

2009

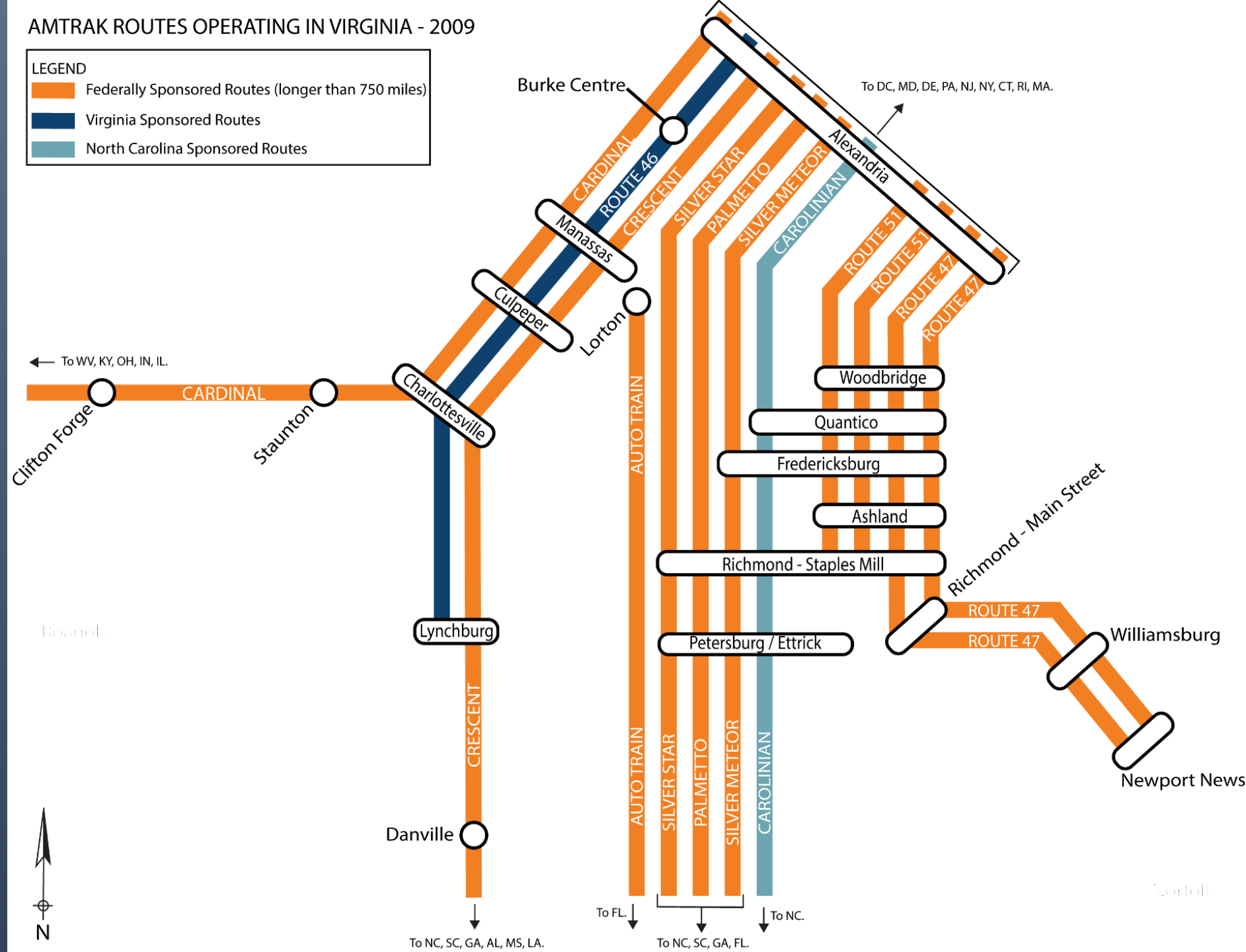
# AMTRAK ROUTES OPERATING IN VIRGINIA - 2009

LEGEND

Federally Sponsored Routes (longer than 750 miles)

Virginia Sponsored Routes

North Carolina Sponsored Routes

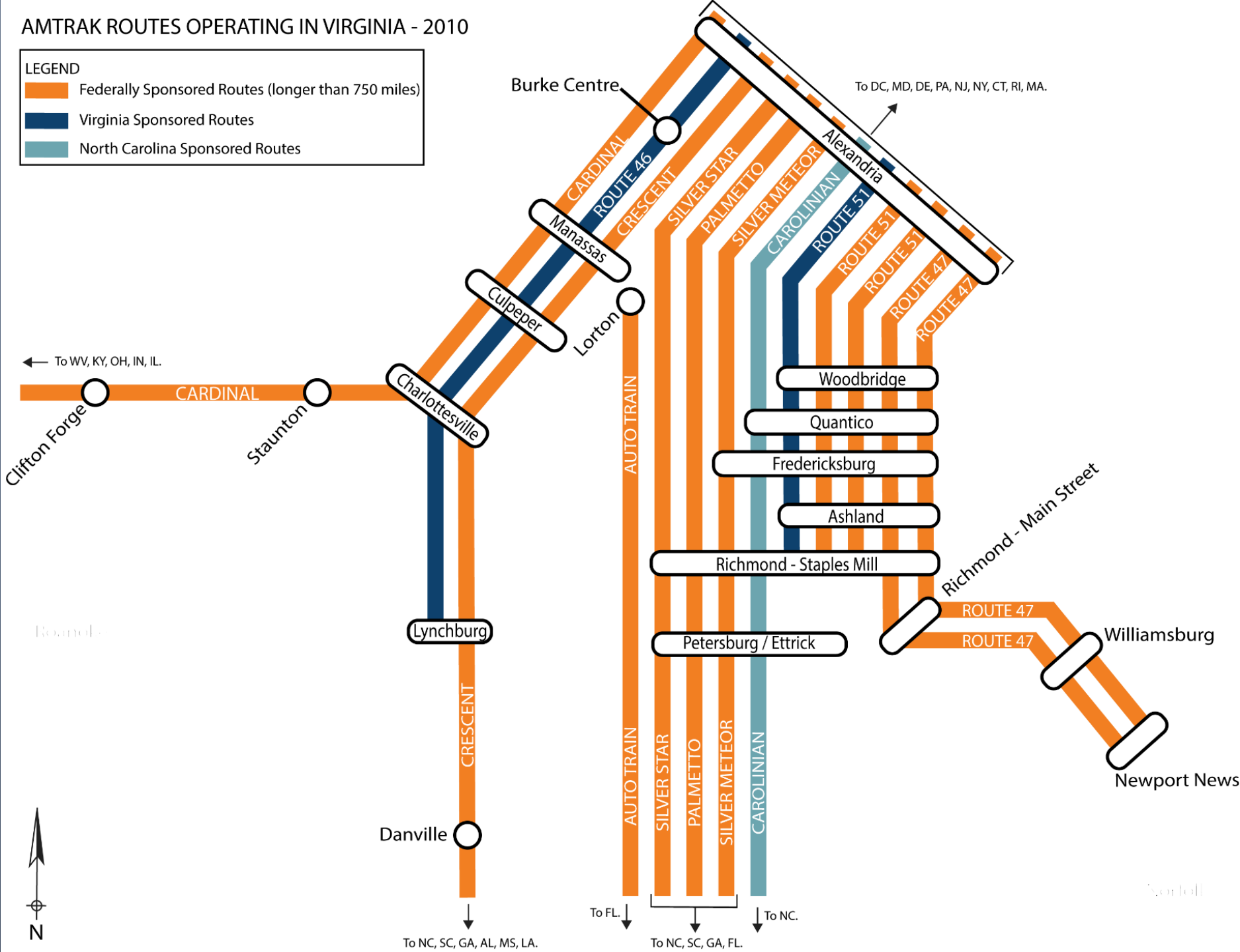


# 2010

## AMTRAK ROUTES OPERATING IN VIRGINIA - 2010

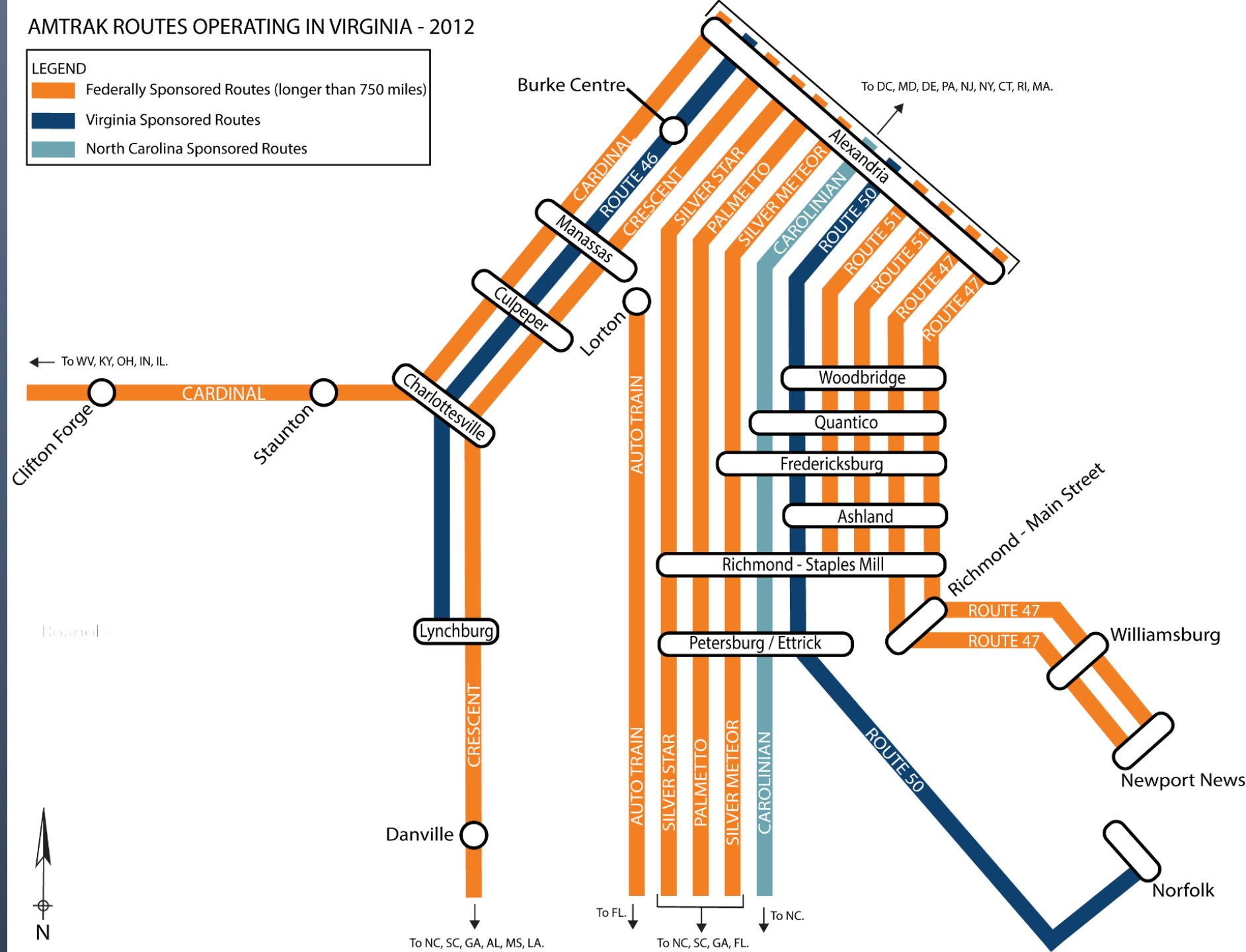
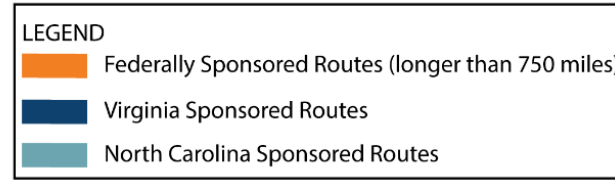
## LEGEND

- Federally Sponsored Routes (longer than 750 miles)
- Virginia Sponsored Routes
- North Carolina Sponsored Routes



2012

## AMTRAK ROUTES OPERATING IN VIRGINIA - 2012



2013

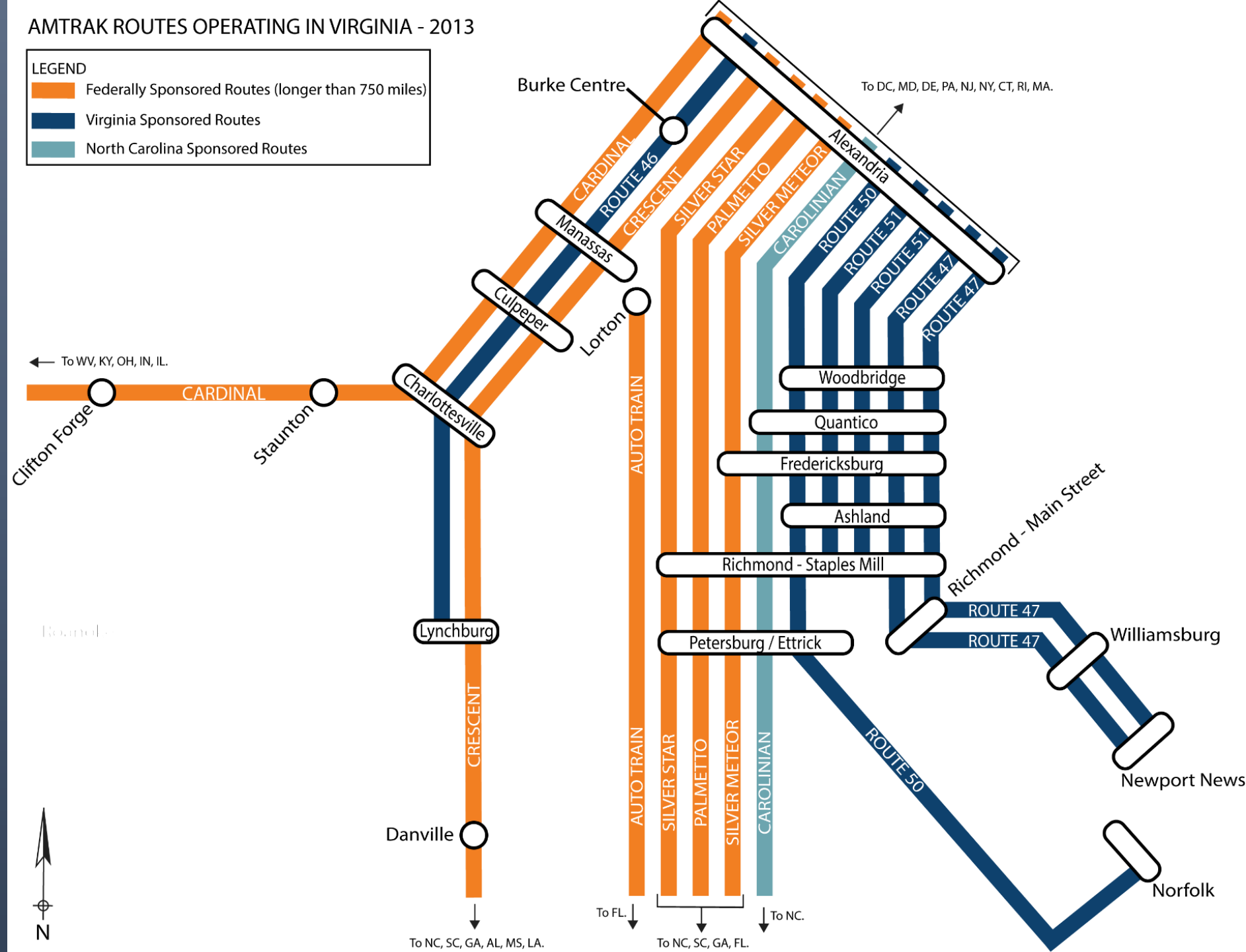
# AMTRAK ROUTES OPERATING IN VIRGINIA - 2013

LEGEND

Federally Sponsored Routes (longer than 750 miles)

Virginia Sponsored Routes

North Carolina Sponsored Routes





2017

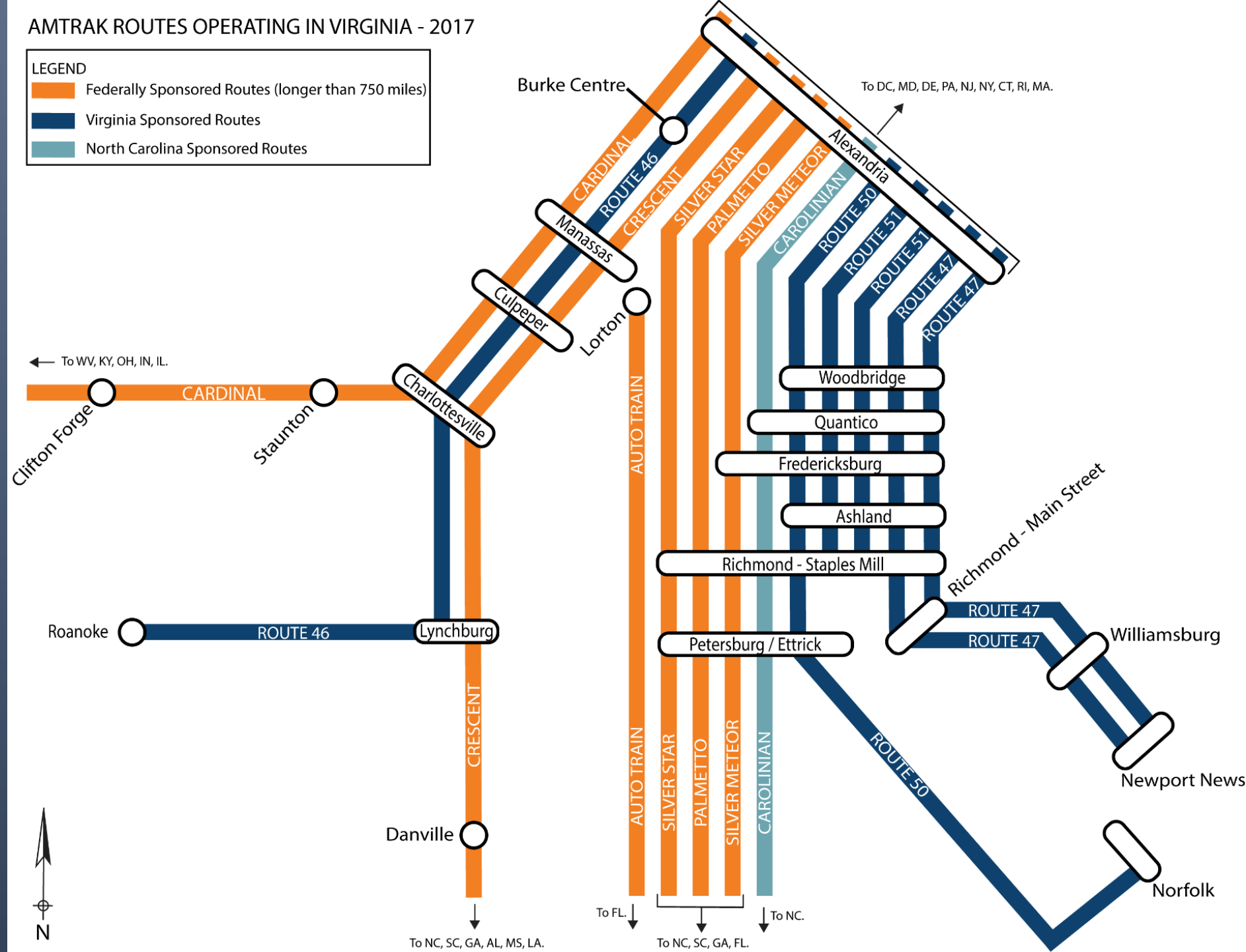
# AMTRAK ROUTES OPERATING IN VIRGINIA - 2017

LEGEND

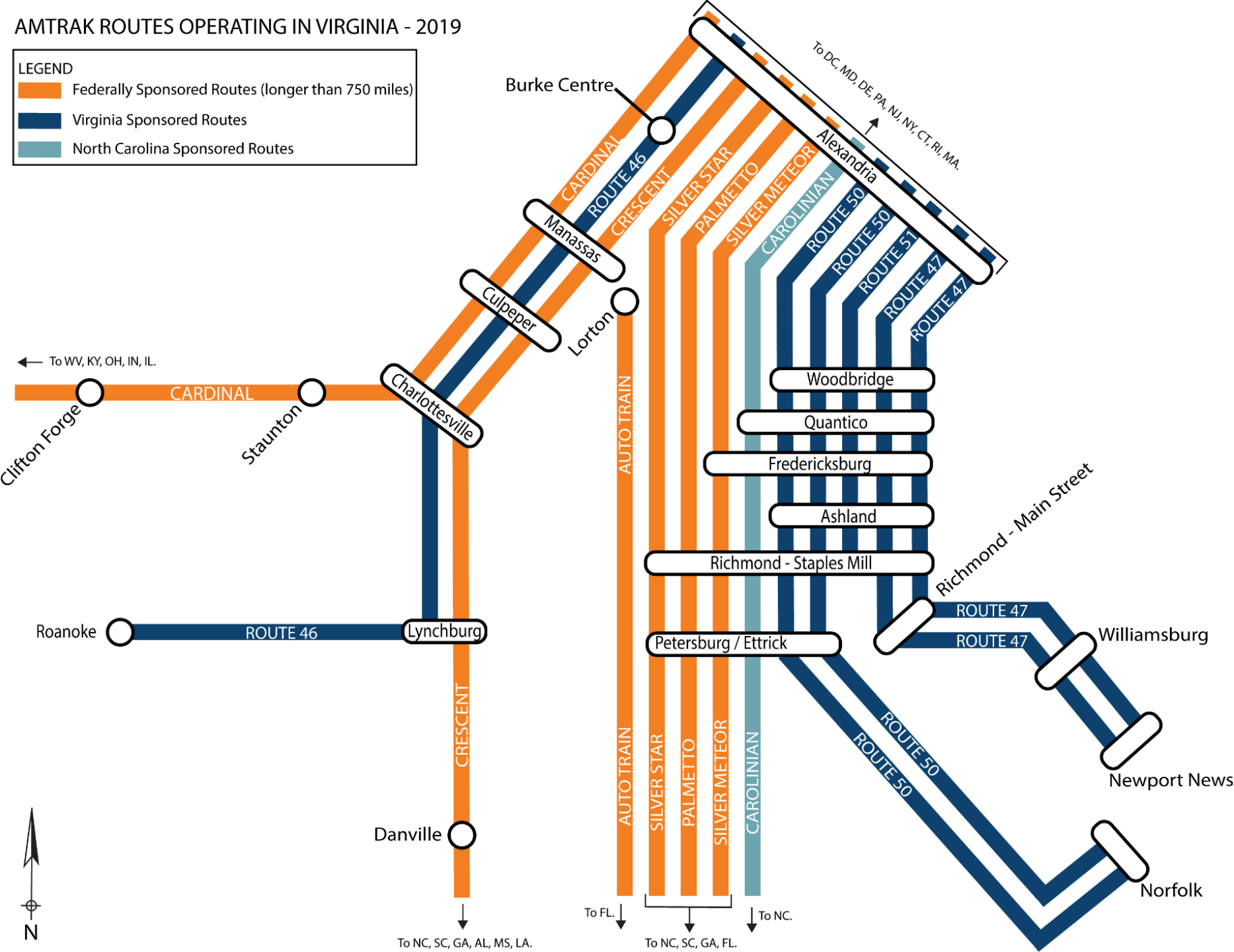
Federally Sponsored Routes (longer than 750 miles)

Virginia Sponsored Routes

North Carolina Sponsored Routes



2019



# 10<sup>th</sup> Anniversary: Virginia-Amtrak Service





# Capital Projects for Freight/Passenger Network



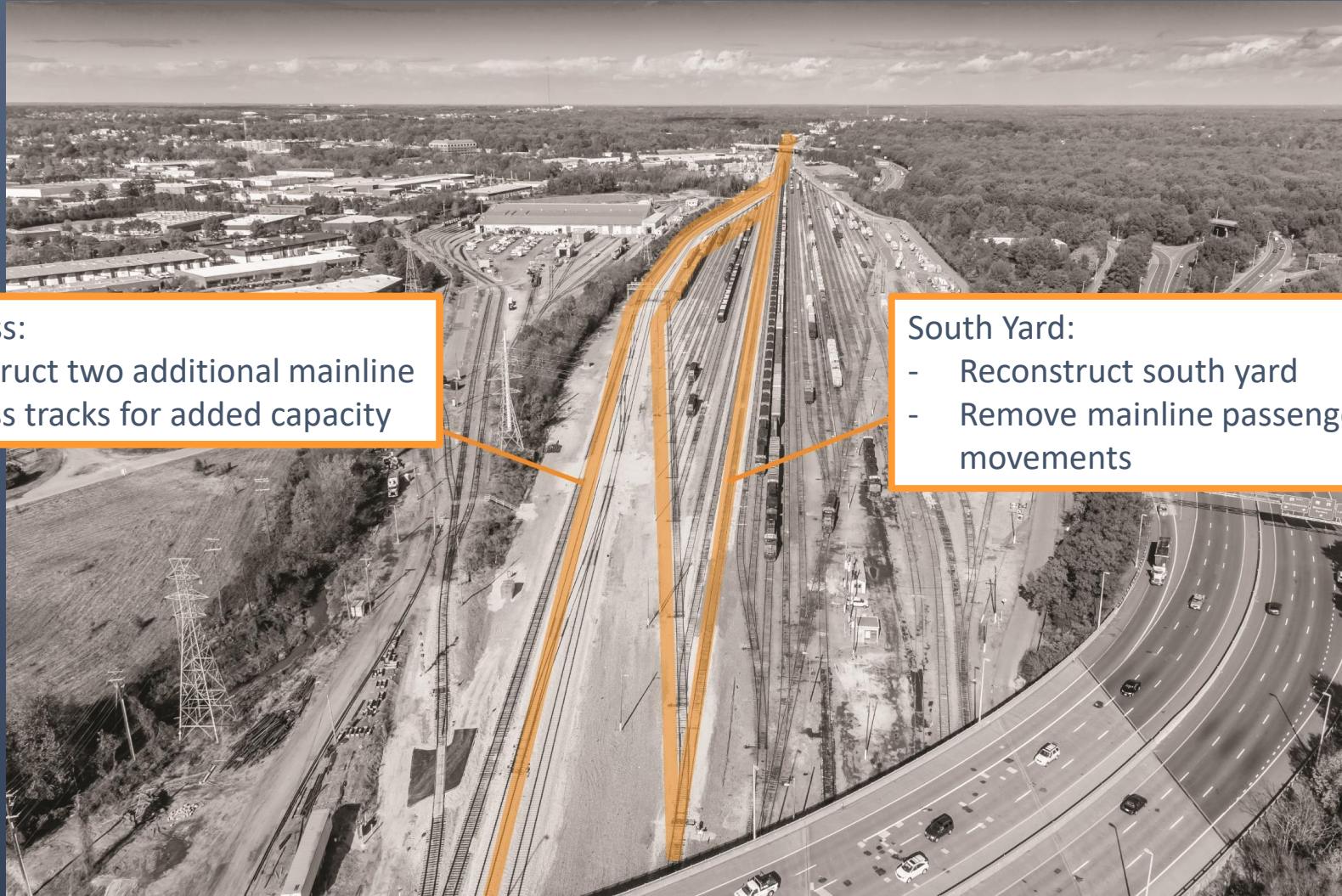


# New Gateways





# Capital Projects: Acca Yard in Richmond



Bypass:  
Construct two additional mainline  
bypass tracks for added capacity

South Yard:  
- Reconstruct south yard  
- Remove mainline passenger through  
movements



# Past Successes

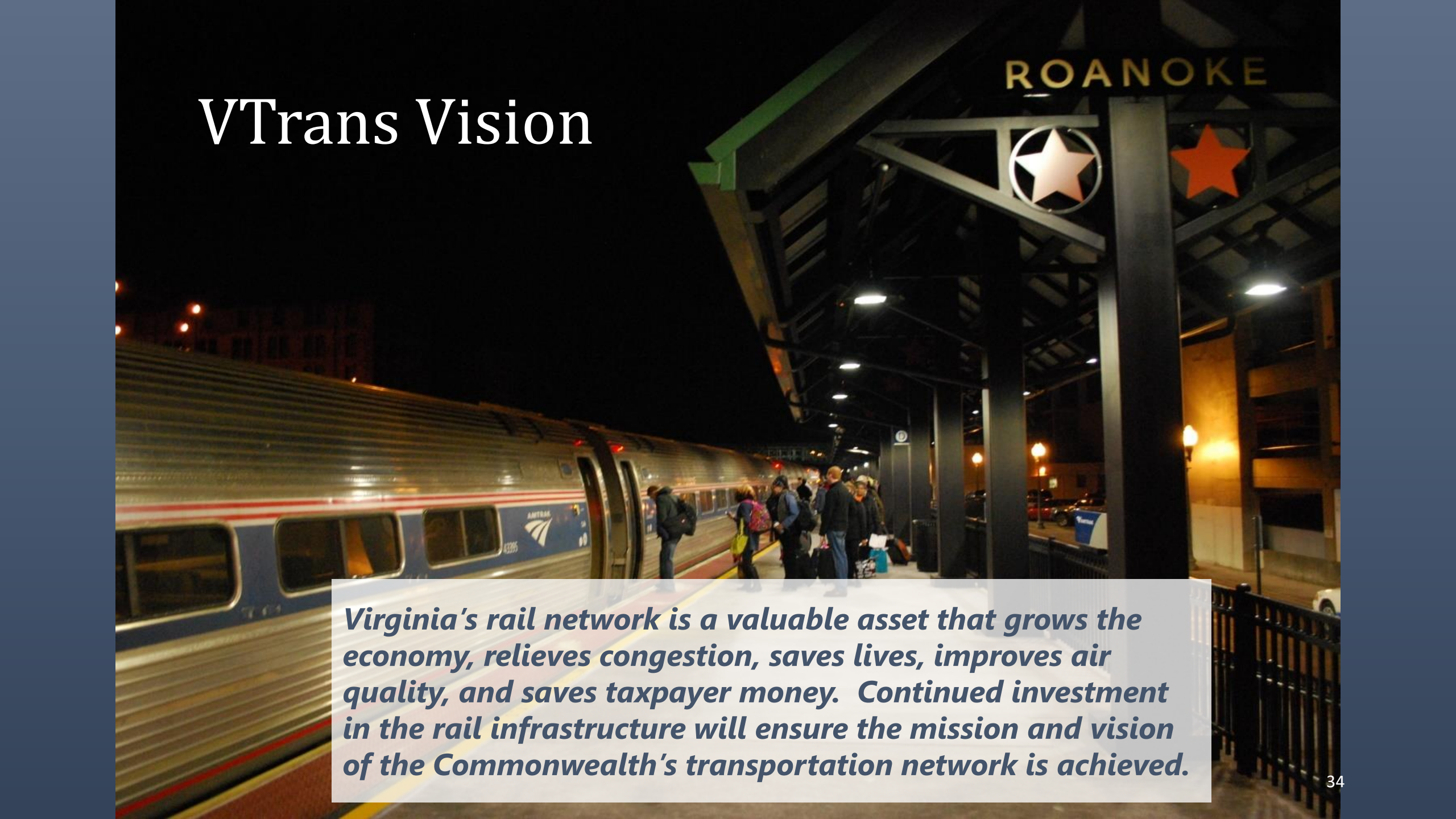




# Future Success & Paradigm Shift



# VTrans Vision



*Virginia's rail network is a valuable asset that grows the economy, relieves congestion, saves lives, improves air quality, and saves taxpayer money. Continued investment in the rail infrastructure will ensure the mission and vision of the Commonwealth's transportation network is achieved.*