Overview of Rail in Virginia

Jeremy Latimer, Director of Rail Programs - DRPT
Railroad Network in Virginia
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
- 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
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.

- **Freight Rail**
  - $2.2 billion in annual benefits
  - about 9 cents per ton-mile of rail use

- **Passenger Rail**
  - $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 CO2 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 passenger railcars = 240 passenger vehicles
- 100 freight railcars = 340 semi-trailer trucks
AMTRAK ROUTES OPERATING IN VIRGINIA - 2017

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

2017
10th 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
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.