

# CSX IN THE NATIONAL CAPITAL REGION

Pictured: Last VA Avenue Tunnel Roof Panel Installed [CSX]



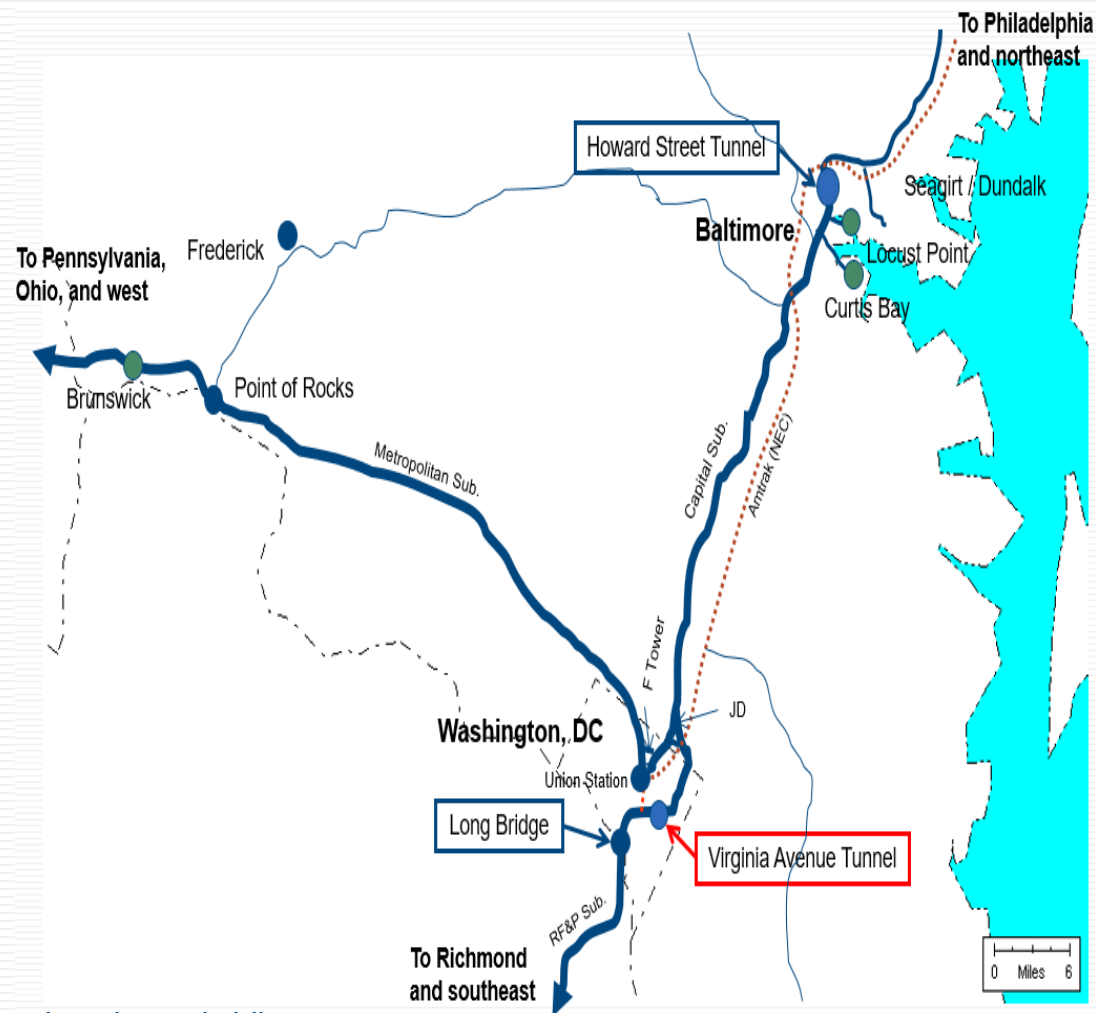
# CSX: Washington Metropolitan Region

## CSX Network

- Operate in 23 States, DC, and Canadian provinces of Ontario and Quebec
- 21,000 Route Miles
- Serve two-thirds of America's consumption market

## CSX in VA, DC, and MD

- 3,470 miles of track\*
- Over 2,600 employees



\* Miles of track include single main, other main, yard tracks and sidings.

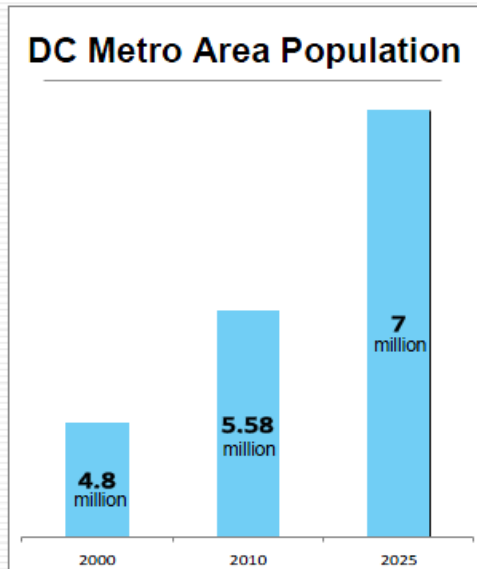


# Changes Lead to Improved Railroad

- 2017 brought change to CSX
  - Operations: Direct versus Hub and Spoke
    - Changes at hump and intermodal yards
  - Summer of Service Challenges
- 2018 Performance Improvements
  - Service Leader
  - Fuel Efficiency beats industry average
    - 488 ton-miles per gallon of fuel
- 2018 First Quarter
  - Average Dwell down to 10.4 hours
  - Average Velocity up to 17.3 mph
  - Volume up 1.5 million units
  - Lowest Operating Ratio in industry



# 2010: The Challenge in the Washington Region



X



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Pollution

Road & Rail Congestion

Logistics Cost

Figures according to the Federal Railroad Administration and the US Census Bureau. 2025 population projection based on growth rate between 2000 and 2010.



# National Gateway Initiative

## Project overview:

- Nearly \$950M public-private project
- Over \$10B worth of public benefits
- Supported by District of Columbia, six States, businesses, environmental and other groups

## Completed:

- ✓ 60 of 61 clearance projects
- ✓ 6 intermodal terminals



# 1<sup>st</sup> Double-Stacked Train – December 23, 2016



# VIRGINIA AVENUE TUNNEL CONSTRUCTION PROGRESS

Data effective March 1, 2018

## RECENT MILESTONES

- ALL TUNNEL INVERTS (FLOORS) COMPLETE
- ALL TUNNEL WALLS COMPLETE
- ALL TUNNEL ROOF LIDS (PRECAST CAPS) COMPLETE
- VIRGINIA AVENUE RESTORATION UNDERWAY



**8,000 TRUCKLOADS**  
OF DIRT BACKFILLED



**84,000 CUBIC YARDS** OF CONCRETE POURED



**300 WORKERS**  
RECEIVED SAFETY TRAINING AND EMPLOYED ON-SITE

**21,488 HOURS**  
OF AIR, NOISE AND VIBRATION MONITORING



**122,595**   
**CONTACTS**  
WITH NEIGHBORS

Includes project communications via email, text message alerts, phone calls, and visits to the CSX Community Office.

 **CONSTRUCTION COUNTDOWN**  
NO MORE THAN **8 MONTHS**  
OF CONSTRUCTION LEFT



# South Capitol Street to 2<sup>nd</sup> Street SE

*H Street Restoration and Portal Construction*



South Portal



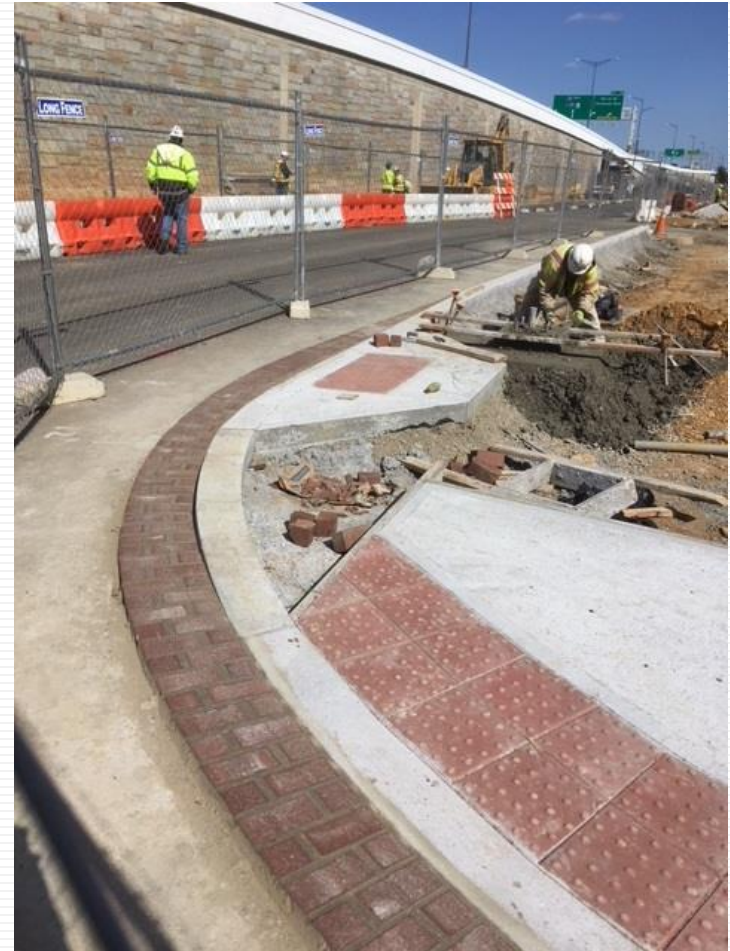
Looking West from the South Portal





# Virginia Avenue Streetscape Restoration

*Backfilling, Street Utilities, Paving*



# New Tunnel and Portals near 12<sup>th</sup> Street SE

*New Track Construction, Final Site Work*

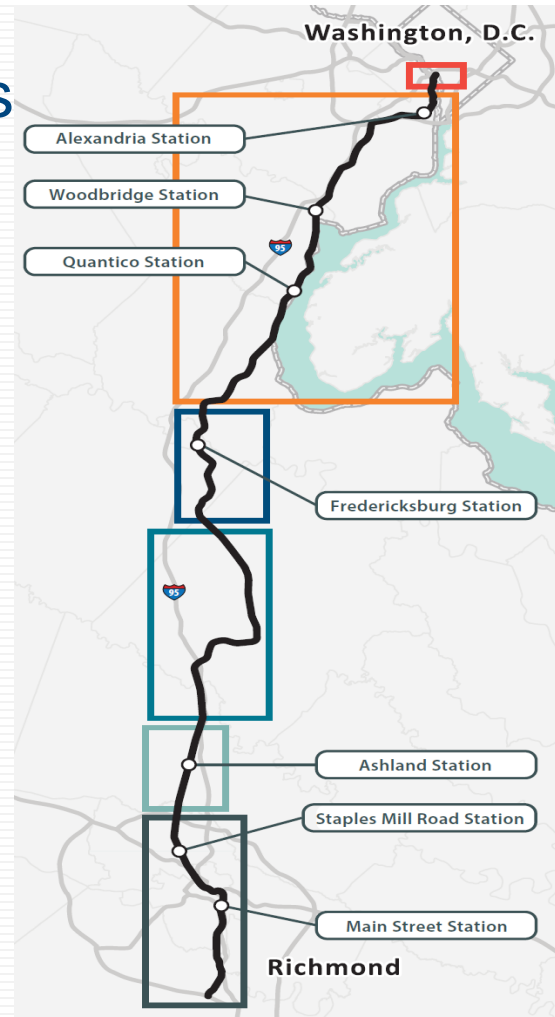


# Projects Under Review on CSX in the Region

## ■ Passenger Rail Projects

- Atlantic Gateway
- Long Bridge

## ■ Howard Street Tunnel



# Rail Issues: Safety

## ■ Safety

- Industry continues to see yearly improvements in safe operations
- Increase in Grade Crossing and Pedestrian incidents

## ■ PTC Implementation

- CSX is on track to complete all hardware installation and training by 2018 deadline and currently have over 55% of PTC required tracks in Revenue Service
- Will request extension to finish Revenue Service implementation, to complete testing with tenants, and to have an interoperable system



# Rail Issues: Competitiveness

## ■ Competitiveness

- Continue to face actions that would make freight rail less competitive, shifting more freight to roads and highways
- Modal Equity and HTF
- Increased Passenger Rail demand
- New Rail Fees

