



**30 Years of Growth**

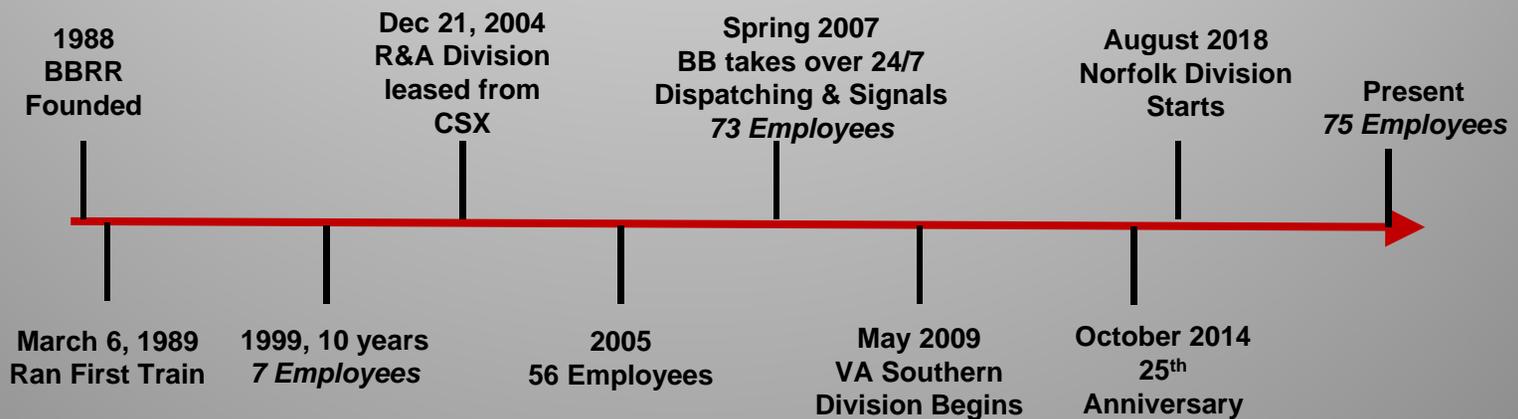
# Buckingham Branch Timeline

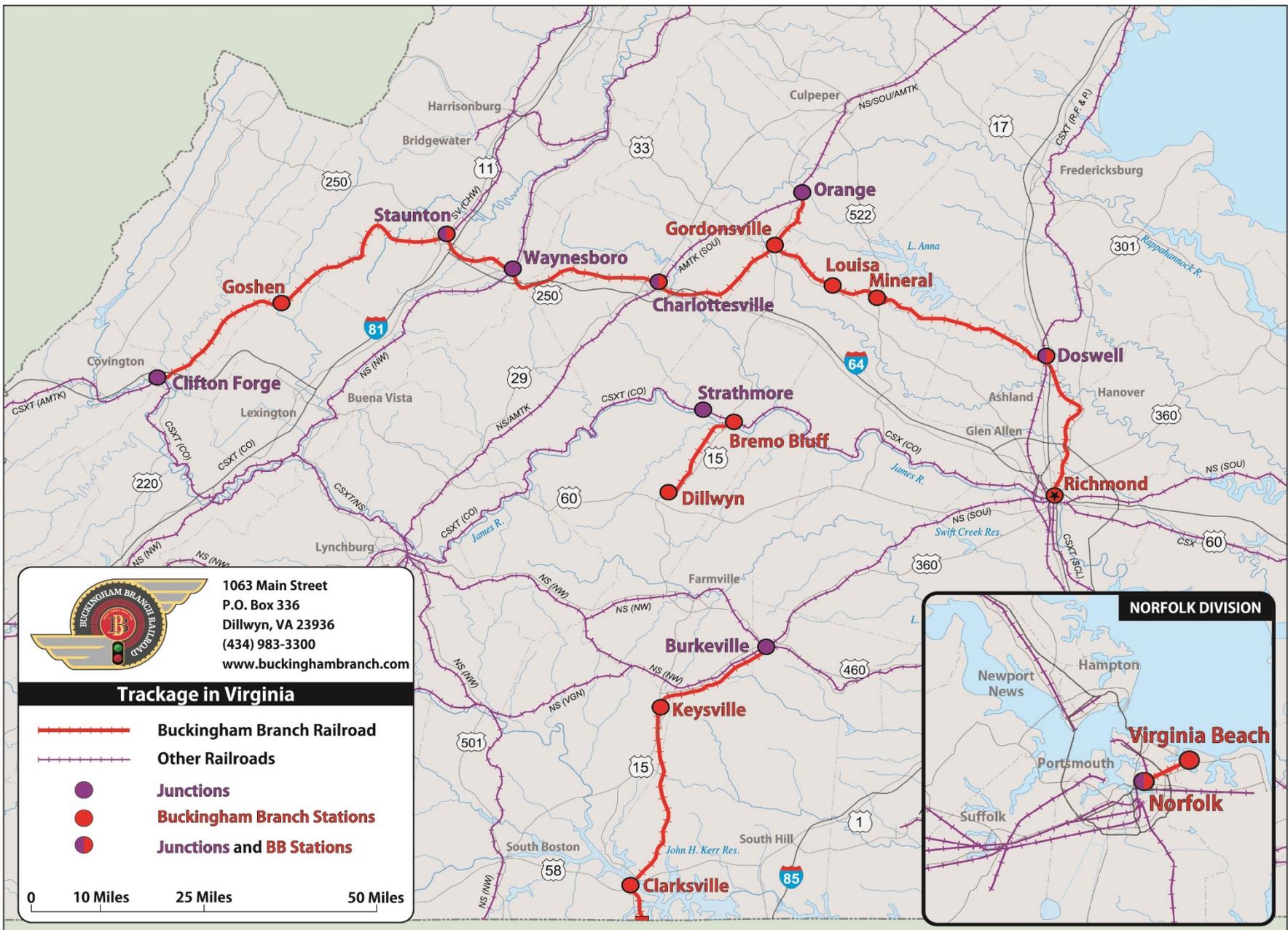


**1988**

**2019**

2	Employees	75
17	Miles of Track	282
1	Locomotives	19





# BB Traffic Statistics

- 40 customers
- 11,500 carloads/year
- 220,000 cars of overhead traffic/year
- Trains:
  - 6 locals five days per week
  - 3 to 4 CSX overhead trains per day
  - 2 Amtrak trains 3 days per week



# Rail Preservation Highlights on BB

	Last 10 years	6-year plan
<b>Richmond &amp; Alleghany Division</b>		
Ties/Rail/Surface	\$22.4M	\$27.0M
Bridges	\$0.9M	\$0.9M
Signals	\$13.6M	zero
<b>Buckingham Division</b>		
Ties/Rail/Surface	\$4.2M	\$2.0M
Bridges	\$0.8M	\$0.4M
<b>Virginia Southern Division</b>		
Ties/Rail/Surface	\$8.0M	\$2.0M
Bridges	\$1.0M	\$1.0M
<b>Norfolk Division</b>		
Ties/Rail/Surface	\$0.3M	\$2.1M
<b>Total:</b>	<b>\$51.2M</b>	<b>\$35.4M</b>

# Amtrak Cardinal Route



# The Cardinal on BB

- 125 miles: Orange - Clifton Forge
- 2 stations: Charlottesville & Staunton
- Class 3 track (40F/60P)
- 9 short passing sidings
- 75 miles welded, 50 miles jointed
- CTC territory
- Typically 2 BB locals and 1-2 CSX overheads, 2 track inspectors, 2 section gangs, 1 tie gang, 1 welding crew, share track with Amtrak
- No temporal separation
- Mainline Track Exclusion Addendum, No PTC



# How Does BB Plan for the Cardinal?



- AMTRAK HAS PRIORITY
- Run BB locals before Cardinal gets online
- Six-hour curfew on overhead trains
- Hold overhead trains at Gordonsville until westbound Cardinal
- If eastbound Cardinal has to meet a westbound empty train, the Cardinal must take a siding typically causing a 10 to 15 min delay
- Plan the best eastbound/westbound Cardinal meet possible with limited sidings but typically there is a 5 to 10 min delay

# What Extras Are Done For Passenger Trains?

- Extra track inspections
- Wayside Signal System
- Super-Elevated Curves
- Annual Rail Flaw Inspection
- Passenger Emergency Response Plan
- Passenger Emergency Response Training
- Geometry Car Inspections
- Curve limiting speed defects



# What Do The Freight Railroads (BB) Need To Increase Passenger Service

- Infrastructure
  - Passing Sidings
  - Welded Rail
- Operating Funds
  - Continued Federal (Not State) support of long-distance trains
  - Reasonable compensation
  - Reasonable OTP incentives
- PTC ?????



# Questions?

