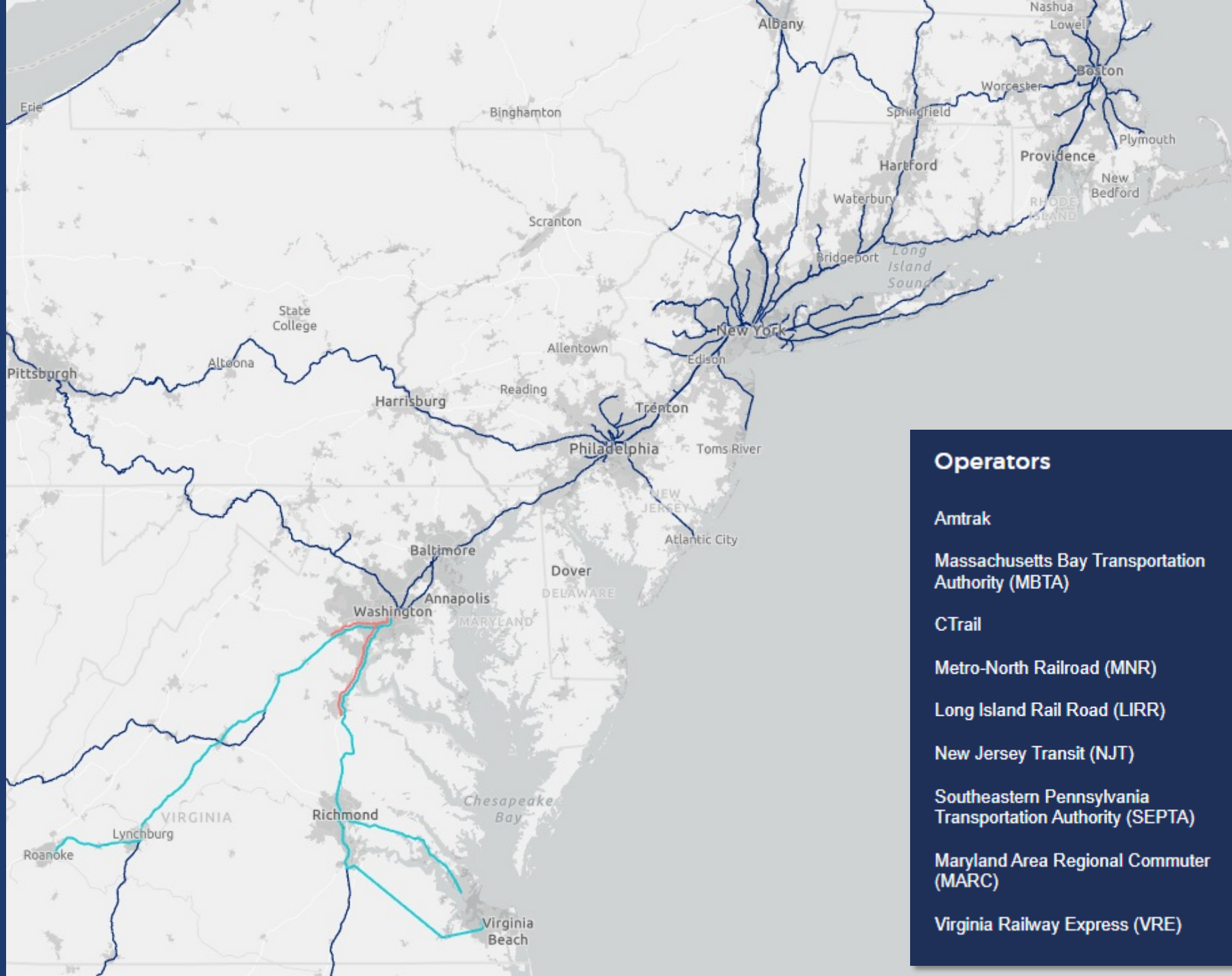


Passenger Rail Investment and Improvement Act of 2008 – (PRIIA) Section 209



Amtrak Virginia “PRIA 209” Agreement



Operators

Amtrak

Massachusetts Bay Transportation Authority (MBTA)

CTrail

Metro-North Railroad (MNR)

Long Island Rail Road (LIRR)

New Jersey Transit (NJT)

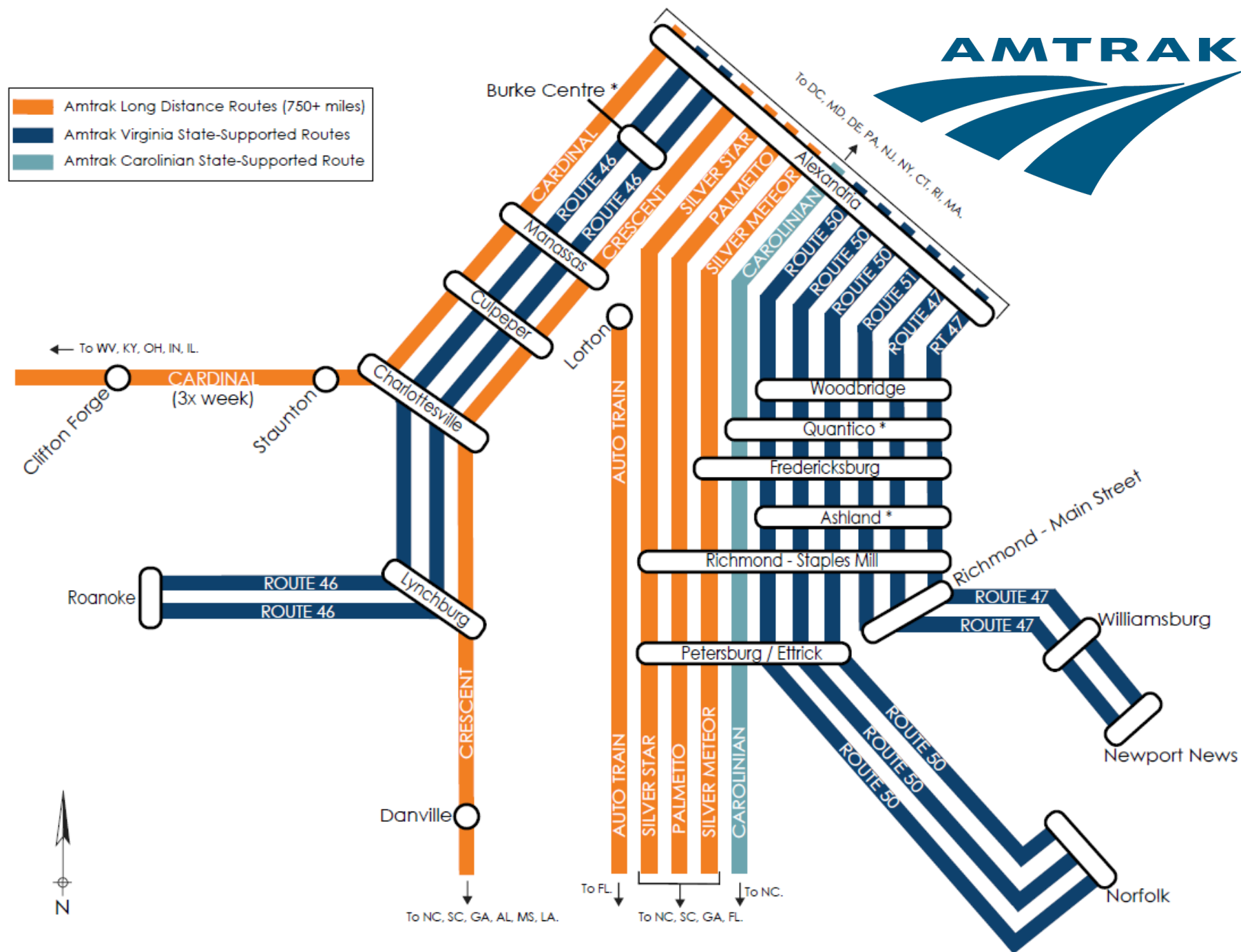
Southeastern Pennsylvania Transportation Authority (SEPTA)

Maryland Area Regional Commuter (MARC)

Virginia Railway Express (VRE)

Amtrak Service in Virginia

- **Eight** daily roundtrips: VA State-supported
- **One** daily roundtrip: Carolinian
- **Six** Amtrak Long Distance Services

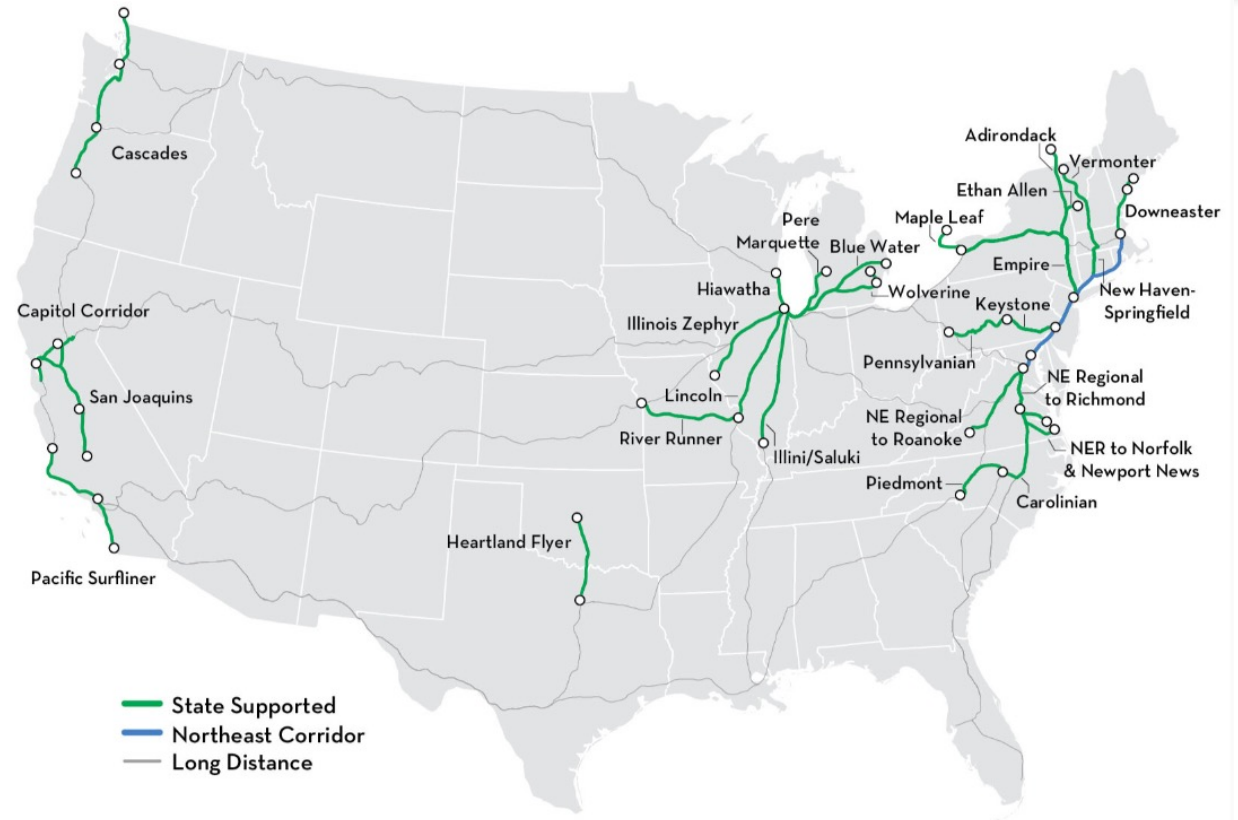


“209 Agreement” Amtrak State-Supported Service

- Took effect on October 1, 2013
 - Services less than 750 Miles
 - Services operated at request of a State
- Defines the cost-sharing methodology between Amtrak and State partners
 - Staples Mill Station vs. Norfolk Station costs
 - Labor Rates and G&A Rates
 - Amtrak equipment ownership & VPRA usage fees
- VPRA's Service Rights
 - Revenue Management
 - Schedules & Service Changes
- Amtrak Quarterly Meetings to address OTP, Customer Service, and high priorities

“209 Agreement” & SAIPRC

- Foundation for VPRA to work Amtrak and other states
- State-Amtrak Intercity Passenger Rail Committee
 - Improve transparency of Amtrak's cost accounting
 - Negotiate methodology
 - Service enhancement initiatives



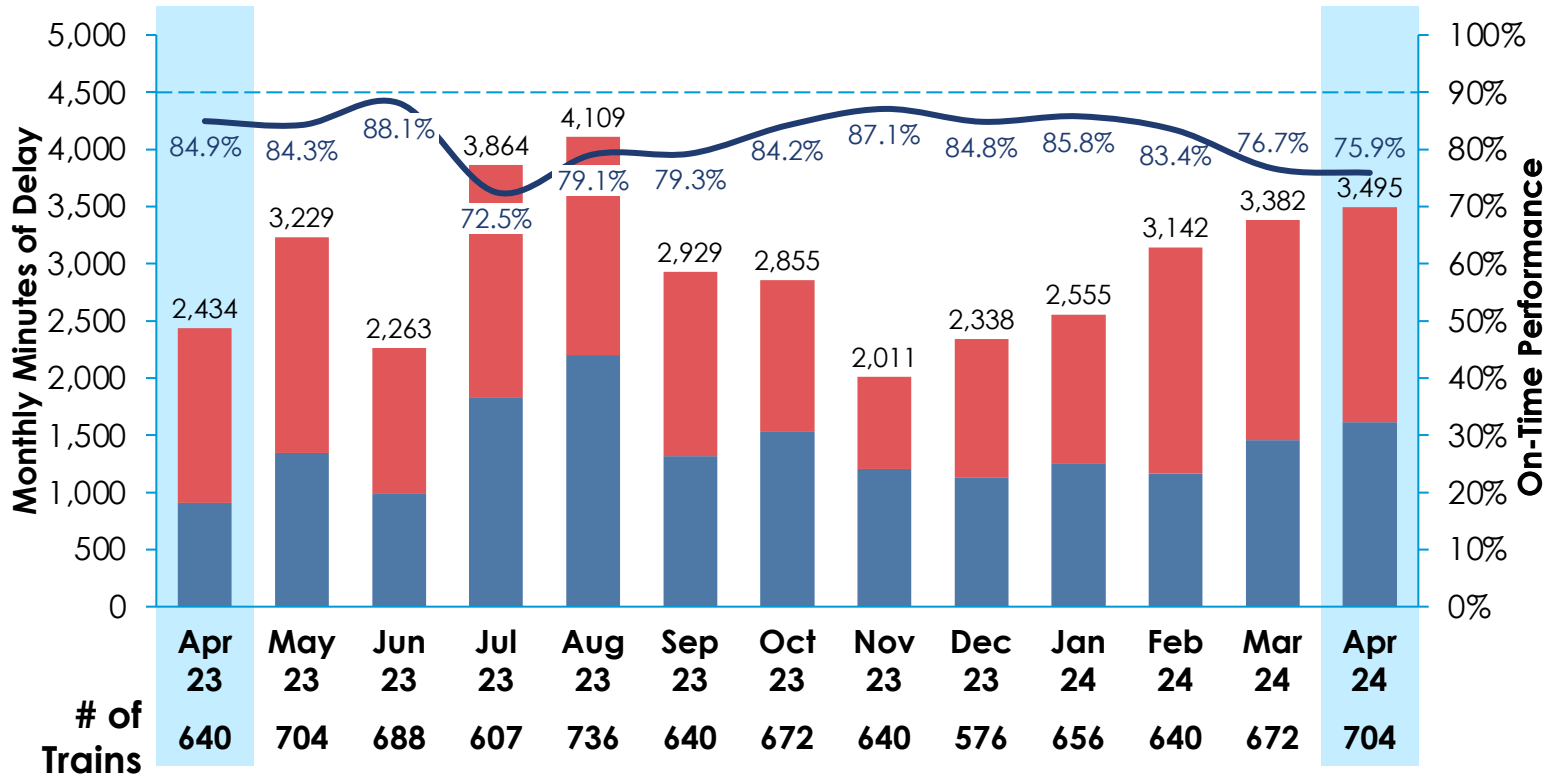
Performance Update



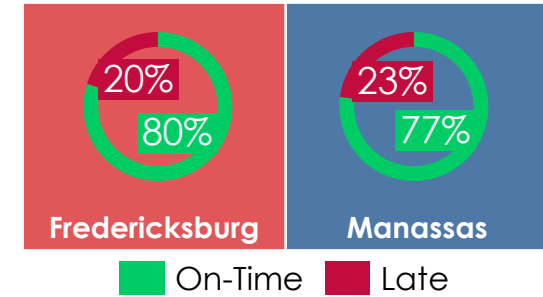
VRE performance has continued to slide through early 2024

VRE Last Station OTP v. Delay Minutes

VRE On-Time Performance: trains arrive at last scheduled stop within 6 minutes of schedule



Endpoint On-Time Performance, Feb-Apr 2024

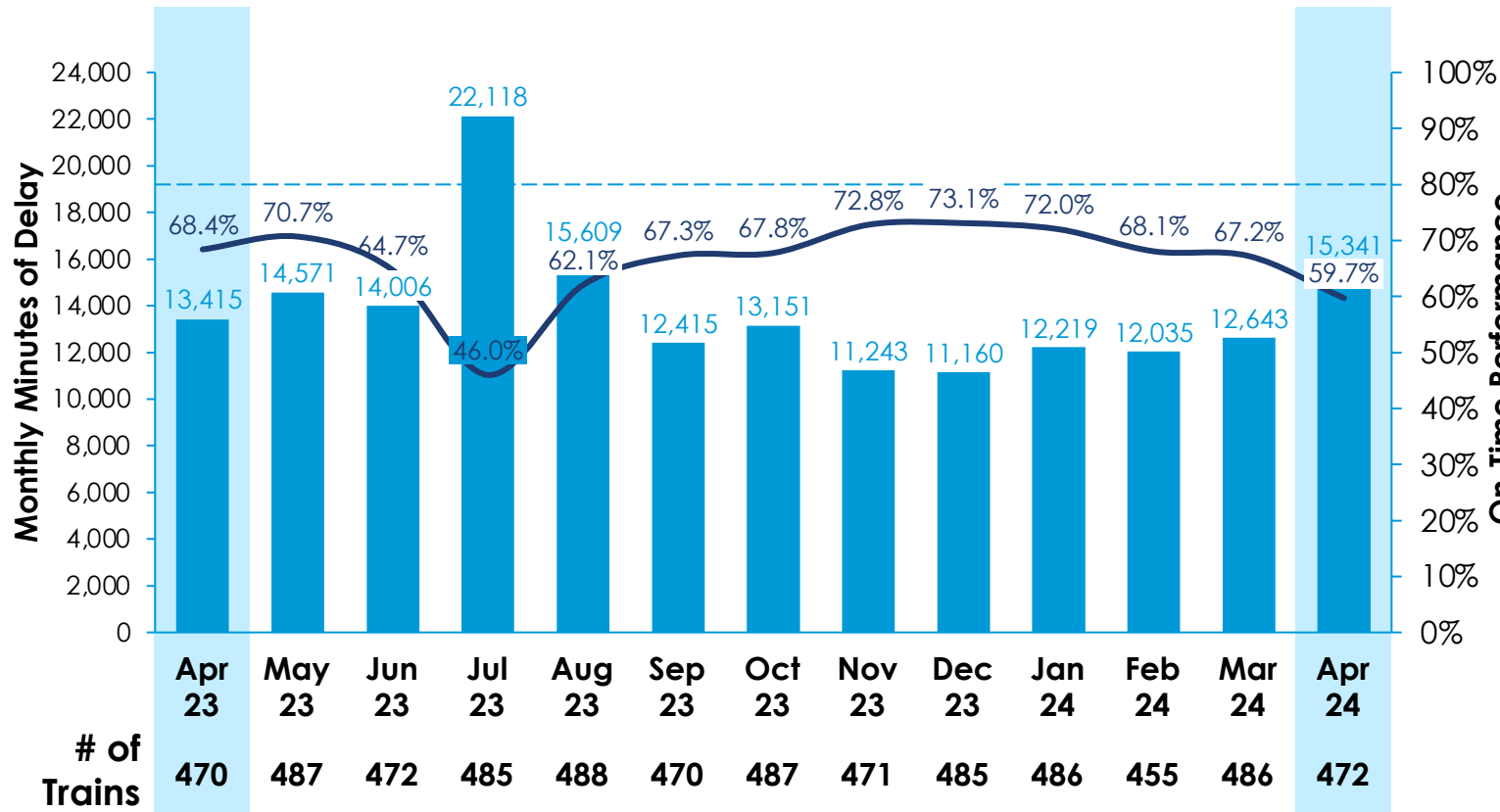


On-Time Performance by Train, Feb-Apr 2024

Top 5		Bottom 5	
322	98.4%	329	9.5%
324	96.8%	331	58.7%
335	93.6%	305	65.1%
321	93.4%	307	66.7%
315	92.1%	336	66.7%

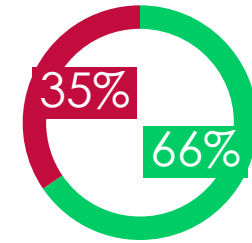
Northeast Regional delays were flat to start the year before spiking in April

NE Regional All-Station OTP v. Delay Minutes (RF&P Corridor Only)^{1,2,3}



Amtrak OTP: trains arrive at each scheduled stop within 15 min

Feb-Apr 2024 All-Station On-Time Performance, Northeast Regional^{1,3}



On-Time Late

Feb-Apr 2024 All-Station On-Time Performance by Train

Top 5

Bottom 5

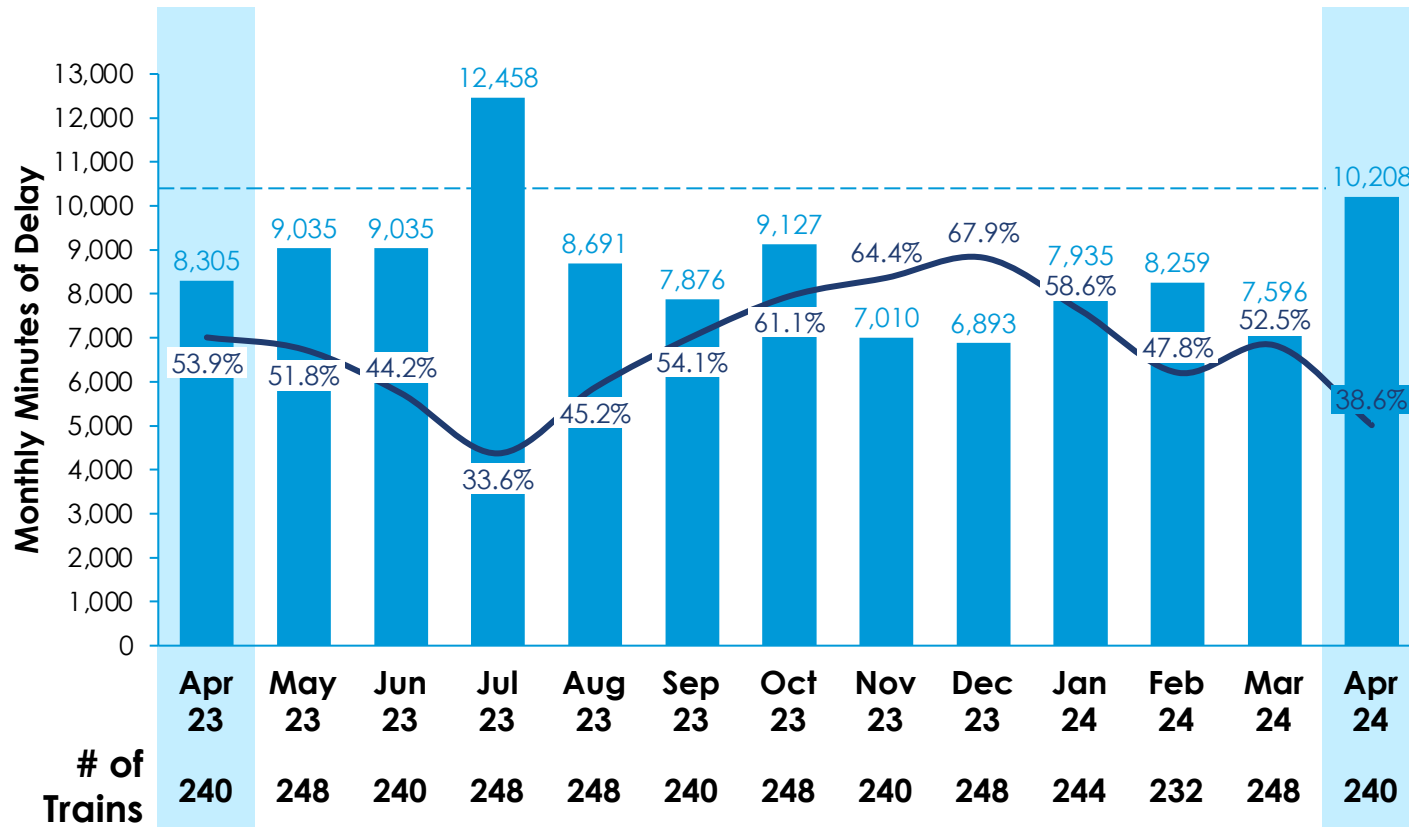
164	from RVM	96.3%	141	to NFK	18.5%
151	to RNK	92.8%	195	to RVM	36.6%
174	from NPN	91.5%	138	from NFK	42.5%
194	from NPN	89.3%	93	to NFK	47.0%
147	to RNK	88.7%	99	to NPN	49.4%

- (1) OTP excludes OTP on NS Roanoke corridor
- (2) Delay minutes exclude NOD and all delays on NS
- (3) Train 185 is included prior to June 2023; train 141 is included after June 2023.



Long-distance OTP has been decreasing since December; April had the second-most monthly delay minutes in the last year

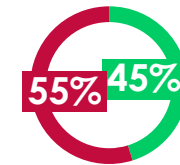
Long Distance All-Station OTP v. Delay Minutes (RF&P Corridor Only)^{1,2,3}



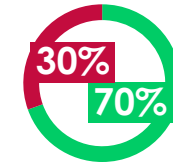
Amtrak OTP: trains arrive at each scheduled stop within 15 min

Feb-Apr 2024 All-Station OTP by Train

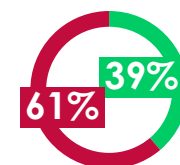
Carolinian



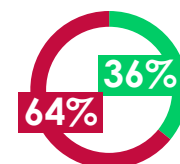
Palmetto



Silver Meteor



Silver Star



On-Time Late

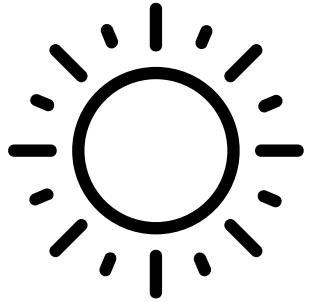
Virginia OTP

89	Palmetto (SB)	79.8%
79	Carolinian (SB)	63.2%
90	Palmetto (NB)	59.3%
91	Silver Star (SB)	47.5%
97	Silver Meteor (SB)	43.9%
98	Silver Meteor (NB)	33.7%
80	Carolinian (NB)	27.2%
92	Silver Star (NB)	23.9%



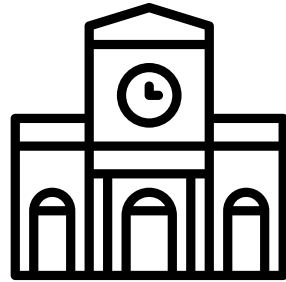
(1) OTP excludes OTP on NS Roanoke corridor
 (2) Delay minutes exclude NOD and all delays on NS
 (3) Long distance trains include Carolinian, Palmetto, Silver Meteor, Silver Star

Updates on key delay areas and initiatives



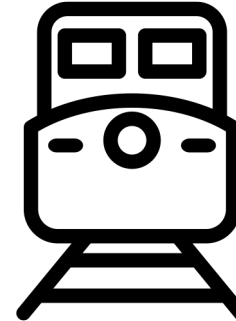
CSX Heat Orders

- Summer Schedules to impacted Regional Trains take effect Memorial Day



Washington Union Station

- Station delays persist and are getting worse
- Upcoming infrastructure improvements will affect service



Freight Train Interference

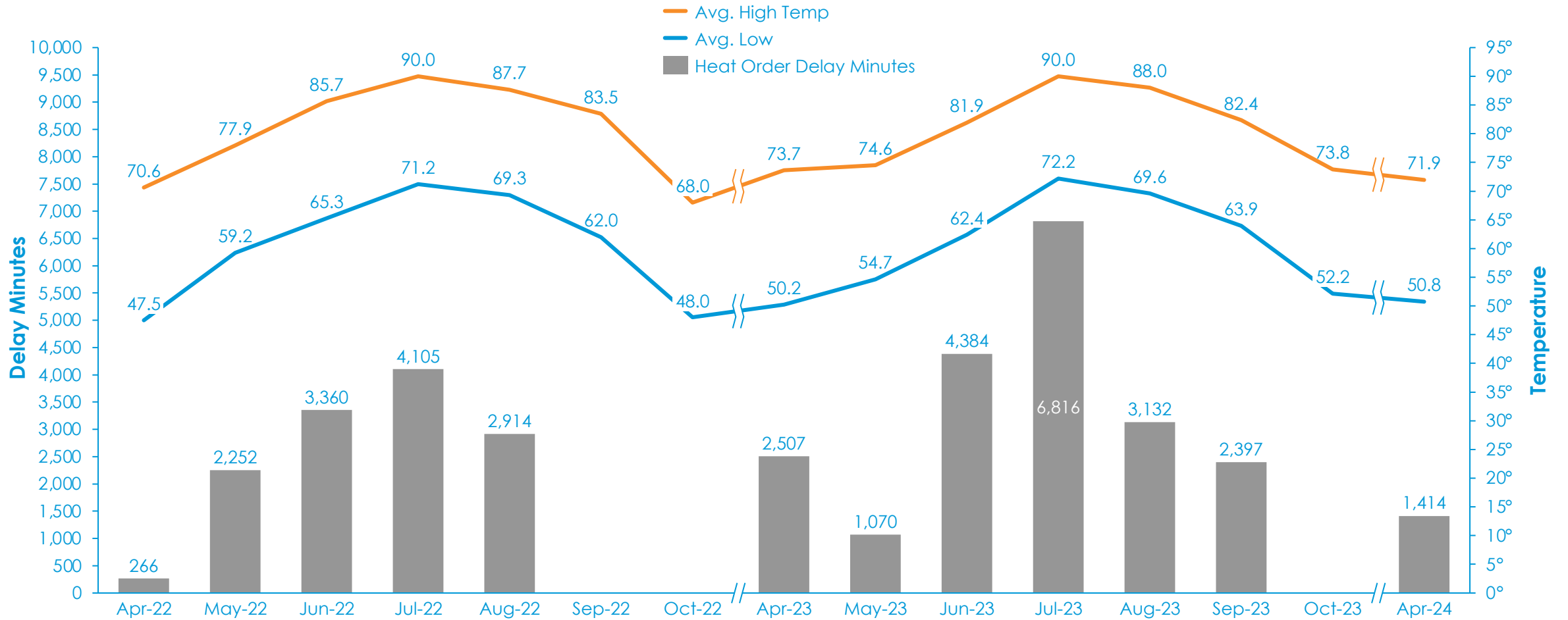
- Freight train interference continues to delay trains, especially in the southern portion of the corridor



Slow Orders

- Slow order delay minutes spiked in March and is expected to increase
- APMP seeks to manage passenger expectations

Consistent with previous years, heat orders have already affected service



Summer schedules are now in effect through Labor Day

Added time a function of:






- 50th percentile of incurred CSX heat orders during summer 2023-2024
- Amount of CSX recovery time already in the schedule
- Predicted improvement to all customer OTP
- Avoidance of long dwelling on non-heat order days
- Amount of scheduled time train travels on CSX between the 1:00pm-7:00pm heat order window

Train Number	Direction/ Destination	Remarks and Changes
138	<i>NB from NFK</i>	Add 10 minutes for CSX heat orders
158	<i>NB from NFK</i>	Add 15 minutes for CSX heat orders
95	<i>SB to NFK</i>	Add 15 minutes for CSX heat orders
141	<i>SB to NFK</i>	Add 10 minutes for CSX heat orders
157	<i>SB to NFK</i>	Add 10 minutes for CSX heat orders.
125	<i>SB to NPN</i>	Add 10 minutes for CSX heat orders
99	<i>SB to NPN</i>	Add 9 minutes for CSX heat orders
186	<i>NB from NPN</i>	Add 5 minutes for CSX heat orders
124	<i>NB from NPN</i>	Add 5 minutes for CSX heat orders
195	<i>SB to RVM</i>	Add 5 minutes for CSX heat orders

Schedules are indexed to WAS arrival/ departure times (no changes to any stations on Northeast Corridor)

Summer schedules are now in effect through Labor Day

As a pilot program, we are monitoring several factors to determine success:

Success Metric	Success Measure	
Average heat order delay minutes per train	Decrease	
On-Time Performance per train	Increase	
Difference in OTP on heat order vs. non-heat order days	Decrease	
OTP-related Customer Service Index (CSI) scores	Increase	
Dwell times on non-heat order days	Minimal increase	





Summer Schedule: Customer Notification

Schedule Change, not Service Delay

- One-time announcement
- Current Ticket Holders notified

Departure Tuesday, June 4


NFK → WAS

 84 Northeast Regional	DEPARTS 6:14_a	→ 4h 32m	ARRIVES 10:46_a	Trip Details ▾
Lowest Fare	Fastest			
 94 Northeast Regional	DEPARTS 8:54_a	→ 4h 29m	ARRIVES 1:23_p	Trip Details ▾
 138 Northeast Regional	DEPARTS 12:54_p	→ 4h 48m	ARRIVES 5:42_p	Trip Details ▾
 Mixed Service	DEPARTS 2:30_p	→ 5h 29m 2 Segment	ARRIVES 7:59_p	Trip Details ▾



Schedule Changes Due To CSX Heat Orders

Effective May 28 – September 2, 2024



Attention Amtrak Passengers:
Due to heat orders, Northeast Corridor train schedules have been modified for the Summer months. Please check the Amtrak mobile app or Amtrak.com for the most up to date train status.

Heat Order Impacts
CSX, the owner and maintainer of the tracks, issues heat orders notifying Amtrak that the maximum speed of passenger trains are reduced with high temperatures and temperature fluctuations. Heat orders may cause delays of 5 – 20 minutes, and frequently occur between the months of May and August.

Departure times of Northeast Corridor trains have been adjusted to compensate for heat order delays.

We appreciate your patience and thank you for taking Amtrak. Schedule information and reservations are available by visiting Amtrak.com, on our free mobile app, in our stations or by phone or text at 800-USA-RAIL (1-800-872-7245).

Thank you for traveling with Amtrak.

PSN 0524-236 Issued May 23, 2024 Remove Sept. 3, 2024
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On time arrivals at Washington get delayed in the station (Trn 91 example)

Train 91 (Southbound *Silver Star*)
Station OTP, May 2023-Apr 2024

	91 Daily											
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Washington Union Station	90%	93%	83%	93%	87%	90%	90%	97%	87%	93%	87%	90%
Alexandria	77%	83%	52%	50%	57%	61%	67%	68%	52%	55%	61%	37%
Richmond Staples Mill Road	26%	30%	3%	21%	20%	29%	27%	45%	35%	24%	39%	10%
Petersburg	29%	30%	3%	21%	20%	29%	27%	52%	32%	31%	35%	7%

Since the beginning of the year, 43.3% of 91's WAS departures result in additional delay

WAS Arrival/Departure Status for Train 91, January-April 2024	Service Days
■ Cancelled	1
■ Arrived Early, Departed On-Time	29
■ Arrived On-Time, Departed On-Time	37
■ Arrived Late, Departed On-Time	0
Total On-Time Departures from WAS	66 (55.0%)
■ Arrived Late, Departed Less Late	2
■ Arrived Late, Departed Later	11
■ Arrived On-Time, Departed Late	22
■ Arrived Early, Departed Late	19
Total Delayed Trains at WAS	52 (43.3%)



Train 99 continues to struggle

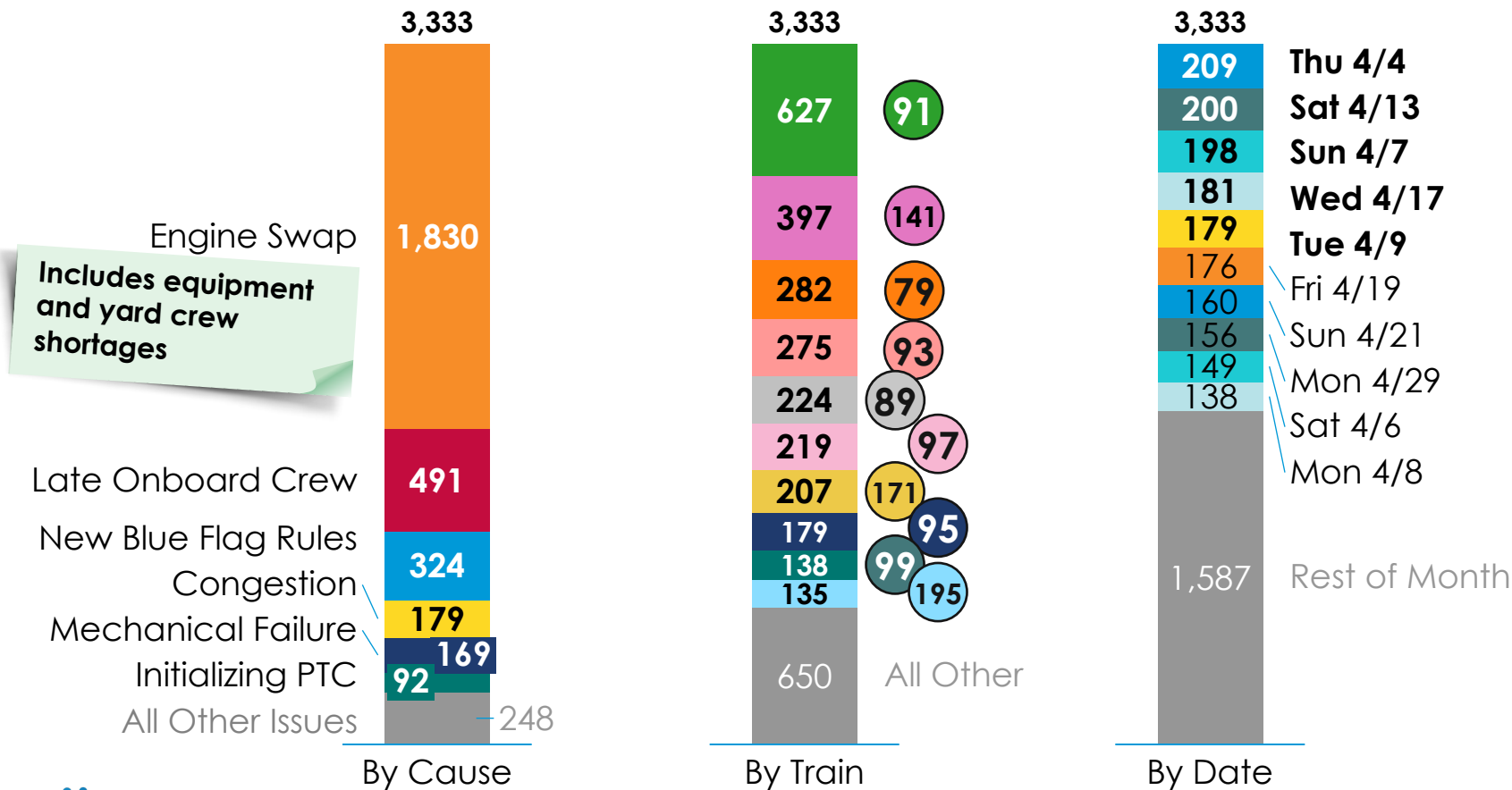
Train 99 OTP by Station and Month, May 2023-Apr 2024

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Washington Union Station	67%	75%	64%	63%	70%	56%	100%	82%	60%	100%	80%	100%
Alexandria	67%	63%	55%	63%	60%	22%	78%	64%	60%	78%	70%	38%
Quantico	44%	50%	18%	38%	40%	11%	56%	45%	40%	78%	30%	13%
Fredericksburg	44%	25%	18%	25%	40%	0%	56%	45%	30%	78%	40%	13%
Ashland	11%	13%	9%	25%	20%	0%	33%	45%	30%	67%	40%	0%
Richmond Staples Mill Road	33%	13%	9%	25%	30%	0%	33%	45%	30%	56%	40%	0%
Richmond Main Street	44%	13%	9%	25%	40%	11%	44%	55%	40%	78%	40%	13%
Williamsburg	44%	13%	9%	25%	40%	11%	33%	55%	40%	67%	40%	13%
Newport News	56%	38%	27%	38%	50%	22%	56%	73%	40%	67%	50%	25%

Train 99 is Virginia's busiest weekend train, but decreased timeliness getting into Washington Union Station regularly impacts reliability throughout Virginia.

More than half of southbound delays at WAS last month were due to engine swaps, which also included occasional yard crew shortages

Southbound Delays¹ at Washington Union Station (WAS), Apr 2024



About Top 3 Delay Causes, based on conductor notes:

- **Engine Swap:** train is waiting for a diesel locomotive
- **Late Onboard Crew:** an onboard crew member (e.g., conductor) arrived to the train late
- **New Blue Flag Rules:** new Amtrak safety "tag out" system for yard crews working on trains

(1) Excludes NOD and delays on the Cardinal and Crescent

The analysis framework will determine a recommended course of action

Analysis

How long will the work last?

Overnight, weeks, months, years?

What is the expected impact to service?

None, minor delays, major delays, temporary reduction in capacity, total blockage?

What other projects are ongoing?

Do the cumulative impacts of multiple projects create a larger impact?

Impact Finding

Short-term /
low impact

Multiple projects with
minor impacts

Long-term /
high impact

Prevents service from
operating safely

Potential Course of Action

Passenger service
notice

Rescheduling of work
activities

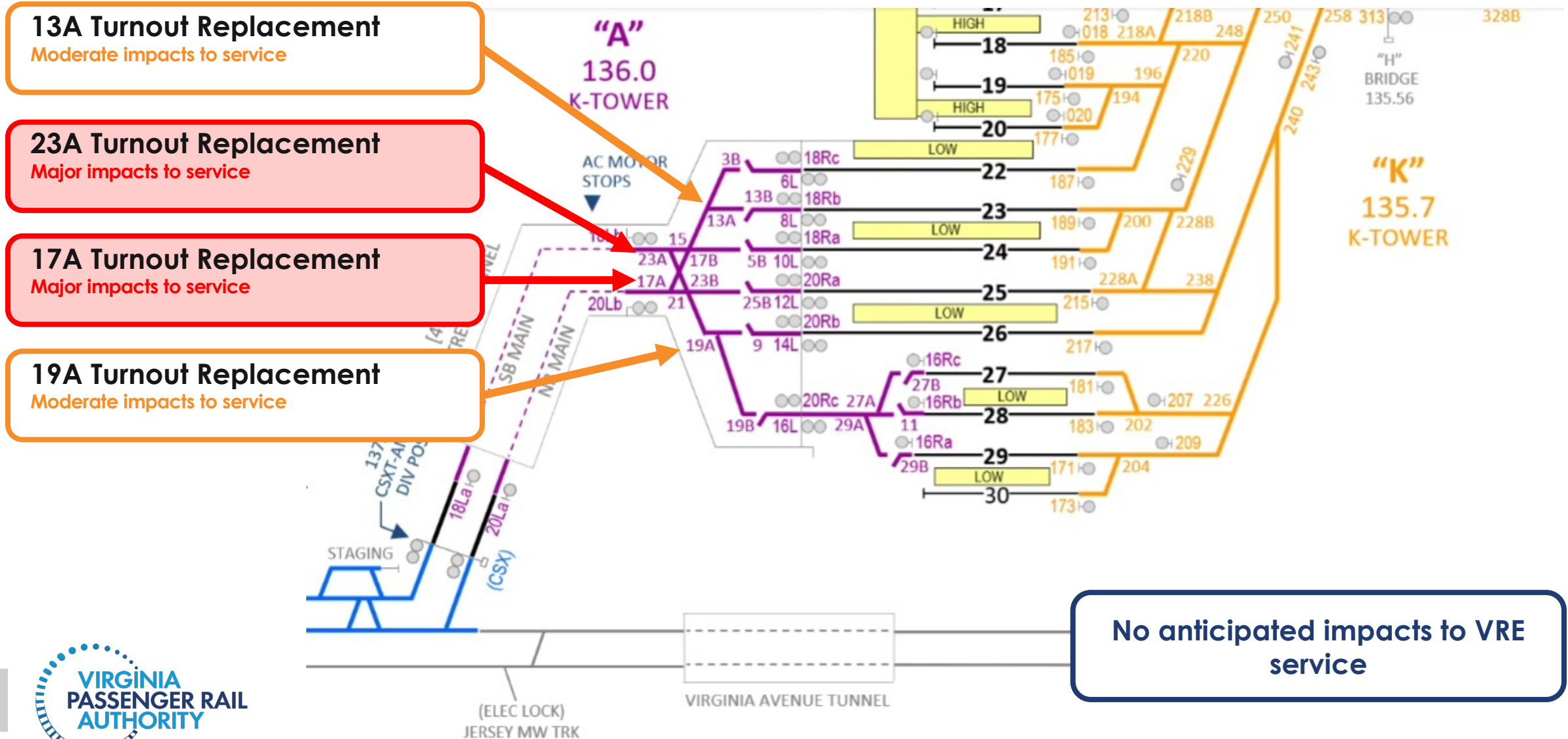
Schedule change

Cancellation

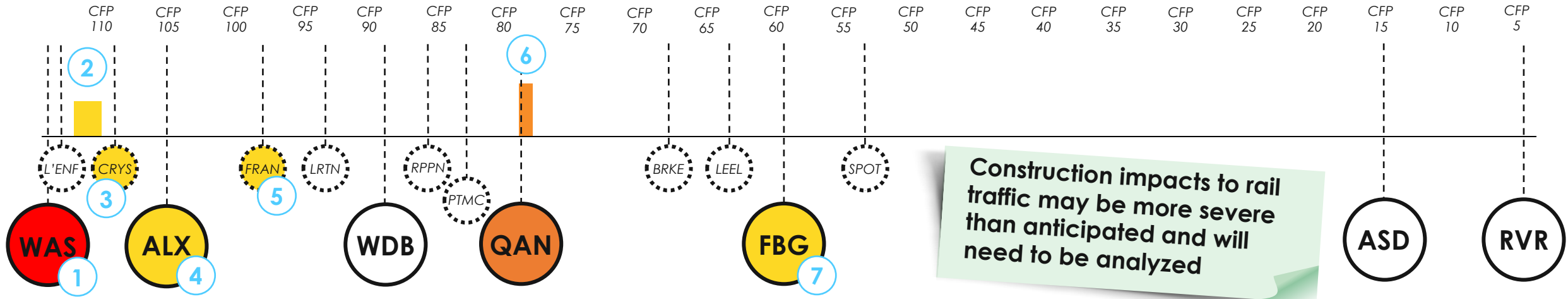


Last resort

Amtrak will be replacing switches approaching Union Station, requiring at least two weekend outages



Q3 2024 Planned/Upcoming APMP Work



Construction impacts to rail traffic may be more severe than anticipated and will need to be analyzed

1 Washington Union Station
Switch replacement
55-hour outages (Jun-Jul 2024)

2 Long Bridge
Work begins August 6, 2024

3 Crystal City Station
Construction begins August 13, 2024

4 Alexandria Station
Construction underway through 2026

5 Franconia-Spfd Station
Construction begins July 26, 2024

6 Quantico Cutover
Overnight weekend outages thru June

7 Fredericksburg Station
Construction underway through 2024



Minimal (1)
Work adjacent to tracks or otherwise low impact to service

Minor (2)
Trains may experience minimal speed restrictions

Moderate (3)
Trains will incur delays while traveling through the work zone

Major (4)
Trains will not be able to operate reliably through the work zone

After Action Report: First Weekend (April 20-21)

Train 97 (20), southbound *Silver Meteor*

- No notes or delays to report

Train 98 (20), northbound *Silver Meteor*

- Train delayed 5+ hours in Florida due to freight train interference
- Departed FBG at 11:05a, after closure window concluded

Train 65 (20), southbound regional train to NPN

- No notes or delays to report

Train 164 (21), northbound regional train from RVM

- No notes or delays to report

**Silver Meteor, Northeast Regional
Schedule Changes**

**Effective Saturday and Sunday
April 20 - 21 and June 1 - 2, 2024**

Attention Amtrak Passengers:
Due to infrastructure work being performed by CSX, some *Northeast Regional* and *Silver Meteor* schedules will be impacted as outlined below. The schedules listed on Amtrak.com have been updated to reflect this change.

April 20 and June 1

- **Train 97** will depart New York 4 hours later at 7:15 pm, operating on a later schedule through to Miami arriving at 10:59 pm the following day.
- **Train 98** will hold an additional 60 minutes at Fredericksburg, departing at 6:49 am and departing later from Washington, D.C. at 9:50 am.
- **Train 65** will depart Washington, D.C. 30 minutes later at 7:30 am, operating on a later schedule through to Newport News arriving at 11:45 am.

April 21 and June 2

- **Train 164** will depart Quantico 19 minutes later at 8:02 am, arriving at Washington, D.C. 11 minutes later at 9:01 am, departing Washington, D.C. 8 minutes later at 9:23 am, operating on a later schedule between RTE 128 and Boston arriving in Boston at 5:45 pm.

We appreciate your patience as we complete important track and infrastructure work. For the most up to date schedule information and reservations, visit Amtrak.com, use our free mobile app, speak with station personnel or call/text 800-USA-RAIL (1-800-872-7245). Thank you for traveling with Amtrak.

PSN 0424-212 Issued Apr. 5, 2024 Remove June 3, 2024
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