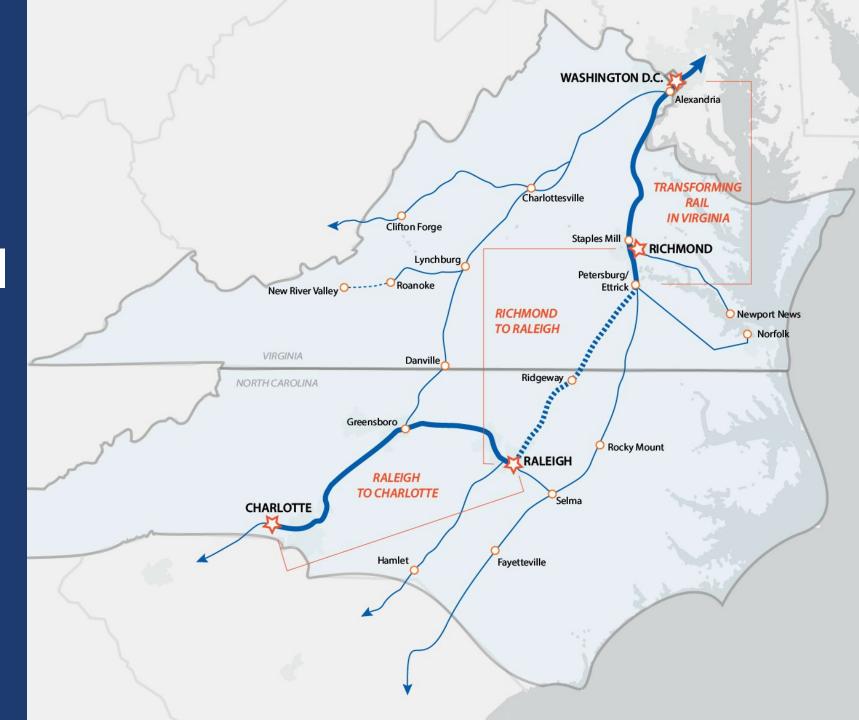
Passenger Rail Service Performance

Jeremy Latimer
Director of Rail Services



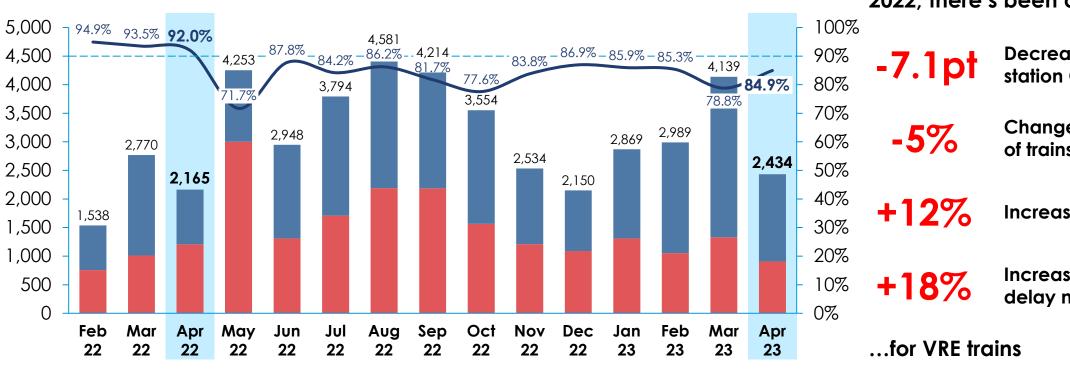


VPRA Board Meeting Update

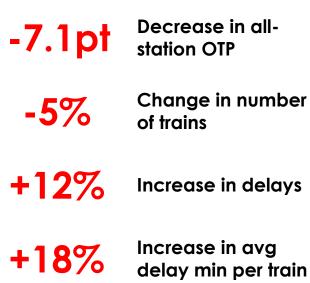


VRE performance improved considerably from March but is still below 90% on-time percentage

VRE Last Station OTP v. Delay Minutes



Year-over-year from April 2022, there's been a...





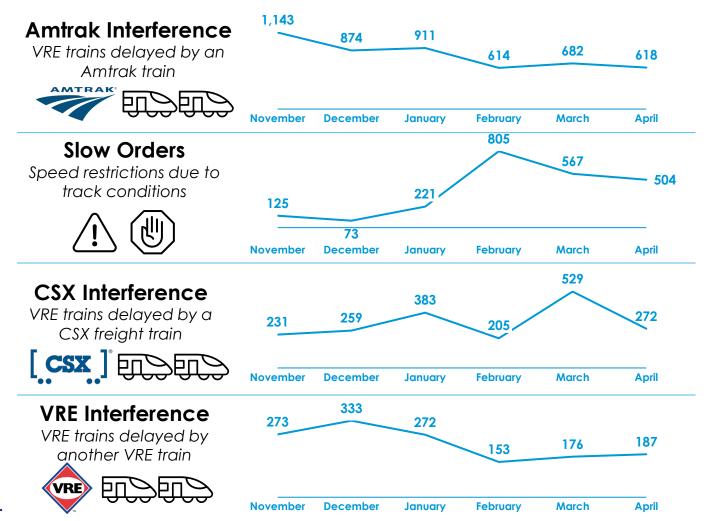
Monthly OTP % Fredericksburg Line Delay Minutes Manassas Line Delay Minutes

VRE On Time Threshold:

trains arrive at last scheduled stop within six minutes of schedule

Train interference and slow orders are the biggest causes of delay to VRE

Top 4 VRE delay causes between November 2022 and April 2023



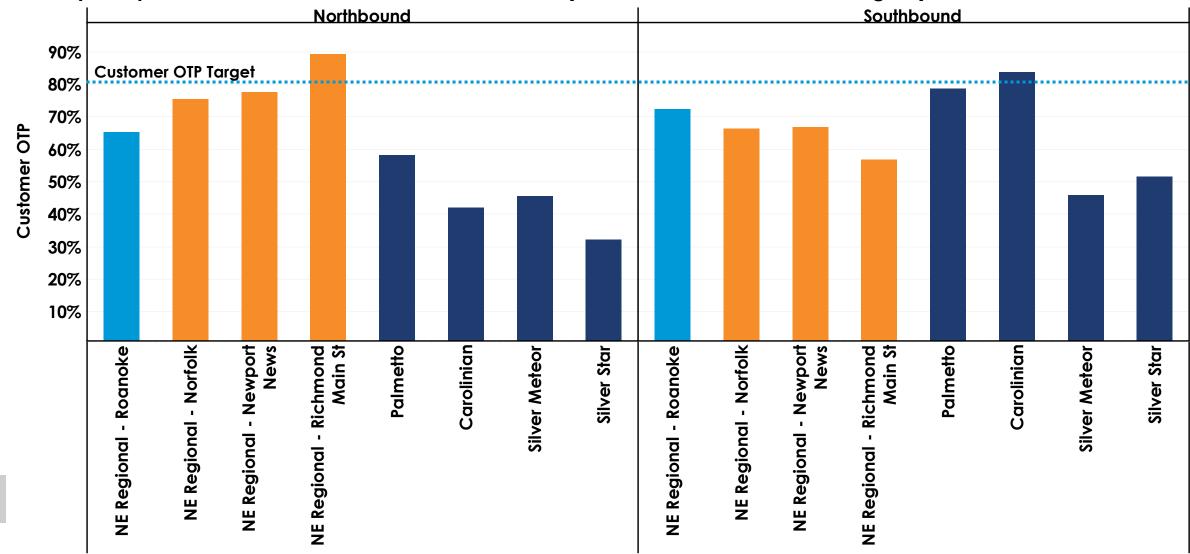


VPRA Board Meeting Update

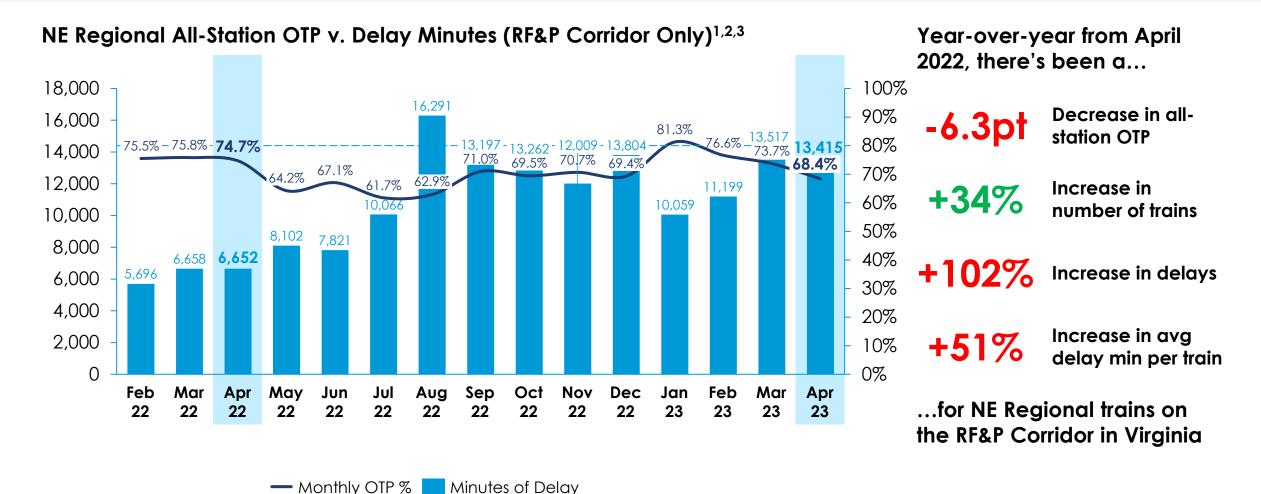


Customer on-time performance has been below 80% for most services since the beginning of the year

January to April 2023 Customer On-Time Performance (Excludes Arrivals into Washington)



Northeast Regional OTP was at its lowest level since the peak of heat orders last summer





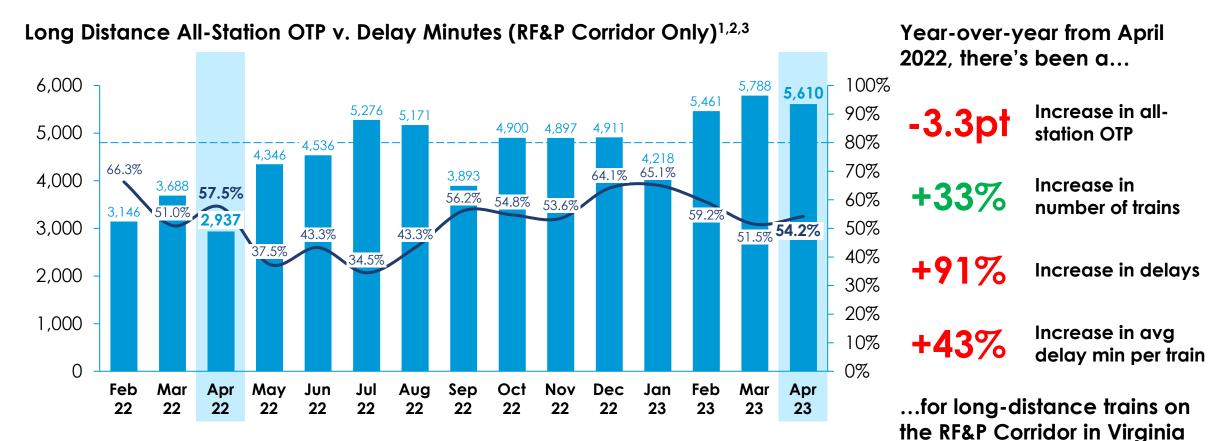
⁽¹⁾ OTP excludes OTP on NS Roanoke corridor

Amtrak On Time Threshold:

trains arrive at <u>each</u> station stop within <u>fifteen</u> minutes of schedule

⁽²⁾ Delay minutes exclude NOD and all delays on NS

Long-distance performance improved slightly from March but is still lower than a year ago







(2) Delay minutes exclude NOD and all delays on NS



trains arrive at <u>each</u> station stop within <u>fifteen</u> minutes of schedule



⁽³⁾ Long distance trains include Carolinian, Palmetto, Silver Meteor, Silver Star

Slow orders, many of which are from pre-planned construction and maintenance work, are the biggest cause of Amtrak delays in Virginia

Top 4 Amtrak delay causes between November 2022 and April 2023¹

December

Slow Orders (DSR)

Speed restrictions due to track conditions (non-weather related)





3,894 3,136 2,085 1,873 1,708 1.568 November December **January February** March April 2,413 2,305 2,030 1,800 2,050 2,256

Amtrak Interference (PTI)

Amtrak trains delayed by other Amtrak trains



HOVEINDE	December	Janoary	rebroary	March	April
1,920	2,530	2,317	2,131	2,384	1,562

January

February

March

April

Freight Interference (FTI)

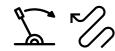
Amtrak trains delayed by a freight train



November	December	January	February	March	April
1,597	1,405	1,565	1,701	1,705	1,460

Routing/Dispatching (RTE)

Delay due to routing through crossovers, late track bulletins, etc.



November December January February March April

Slow order delays spiked in February and March

Additionally, in April there were:

days with heat-related speed restrictions on CSX in Virginia causing...

hours of heat-related delays on Amtrak





Train 99's OTP off the NEC has improved; However, in April it struggled to leave Washington on-time due to crew and engine-related delays

Train 99 On-Time Arrival Percentage by Month

	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023
Station Name	99	99	99	99	99
Washington Union Station	50%	100%	78%	63%	80%
Alexandria	22%	91%	89%	86%	40%
Quantico	22%	82%	67%	75%	30%
Fredericksburg	22%	82%	56%	57%	30%
Ashland	22%	82%	56%	38%	20%
Richmond Staples Mill Road	22%	82%	56%	63%	30%
Richmond Main Street	11%	82%	67%	63%	30%
Williamsburg	11%	73%	67%	50%	10%
Newport News	33%	73%	67%	38%	20%



Upcoming construction for TRV will add to the current challenges facing passenger rail service in Virginia

Ongoing challenges



Poor service quality unless proactive action is taken



Slow orders from maintenance & non-TRV construction



Crew and engine swap issues



Track and platform closures



Speed restrictions





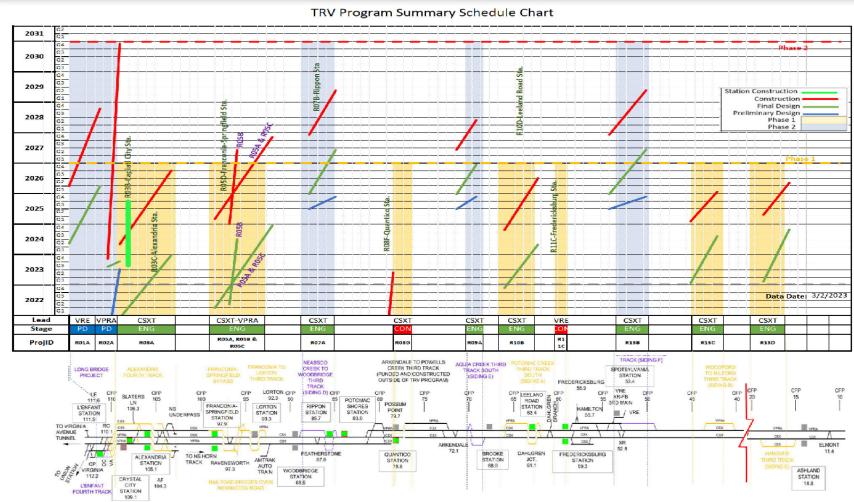




VPRA Board Meeting Update



Significant construction work of varying impact will occur across the corridor for TRV in the coming years

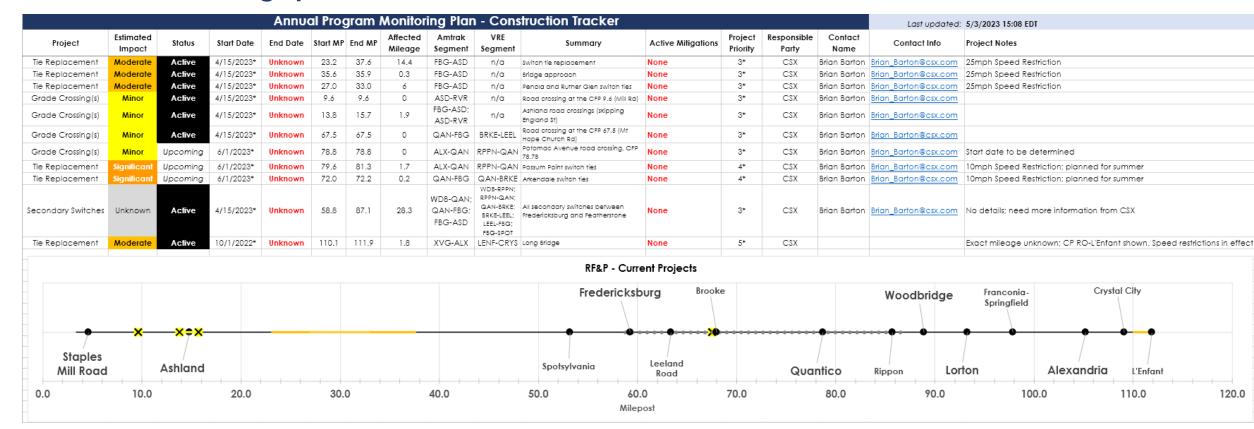




It is in all parties' interests to coordinate work and service delivery to maintain the integrity of rail service

VPRA will maintain and update a work-tracking spreadsheet that will visually indicate anticipated impacts to the corridor

Draft work tracking spreadsheet



We want to take a proactive approach to mitigating impacts from upcoming maintenance and construction activities



How long will the work last?

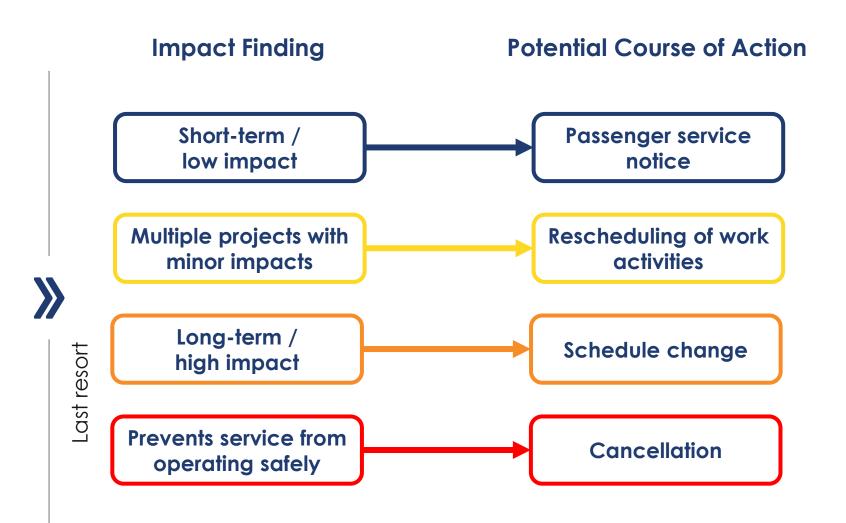
Overnight, weeks, months, years?

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?





Quantico Station Project – An example of advance notification

Key Points

Subject: VRE Quantico Improvements Project: 60-day Notice for Potomac 1. Significant advanced notice provided Ave related Drainage Work

To all parties concerned,

The VRE Quantico Station Improvements Project would like to formally notify all parties involved that the Project will be performing work at the grade crossing of Potomac Avenue the second weekend of July 2023, between Friday July 7th at 9:00 pm and Monday July 10th at 5:00 am. The work involves closure of all Potomac Avenue lanes and It is our understanding that the Base (MCQB) will coordinate with the Town of Quantico to open the gate on Broadway Street for detour and vehicle access. Please note that this will be the first of 4 weekends that work is planned to be performed in this location. Additional notifications will be sent in advance once these dates are defined. Please do not he sitate to contact me if you have any questions or concerns regarding this matter.

2. Formal notification sent to all parties

3. Specific location, dates, and times of work

4. Estimated impact

5. Proactive mitigation measures

6. Expectation setting for future planned work

7. Single point of contact with knowledge about the work plan



We're building a process to coordinate work and proactively respond to issues

