

CEO REPORT

MARCH 2023



OUR MISSION

The Virginia Railway Express, a joint project of the Northern Virginia Transportation Commission and the Potomac Rappahannock Transportation Commission, will provide safe, cost-effective, accessible, reliable, convenient, and customer responsive commuter-oriented rail passenger service. VRE contributes to the economic vitality of its member jurisdictions as an integral part of a balanced, intermodal regional transportation system.



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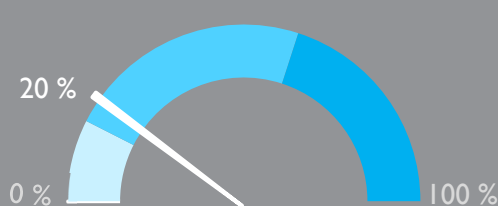
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VIRGINIA RAILWAY EXPRESS
A better way. A better life.

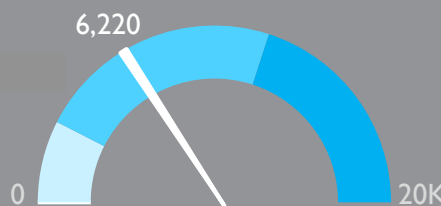


PERFORMANCE AT A GLANCE



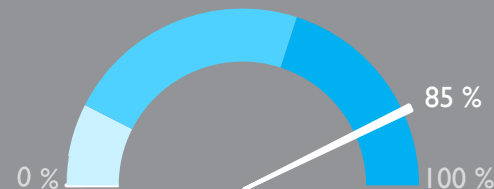
PARKING
UTILIZATION

The total number of parking spaces used in the VRE system during the month, divided by the total number of parking spaces available.



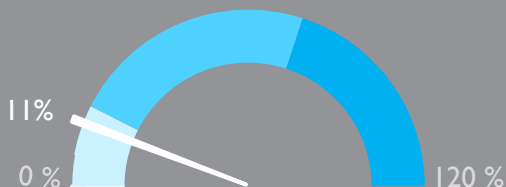
AVERAGE DAILY
RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings and reduced, "S" schedule, service.
Same month, previous year: 2,785



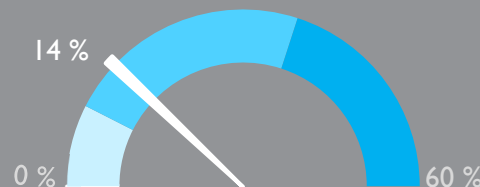
ON-TIME
PERFORMANCE

Percent of trains arriving at their destination within 5 minutes of the schedule.
Same month, previous year: 95%



SYSTEM CAPACITY

The percent of peak hour train seats occupied. The calculation excludes reverse flow and non-peak hour trains.



OPERATING RATIO

Through January 2023

Year-to-date operating revenues divided by year-to-date operating expenses, which represents the share of operating costs paid by the riders.

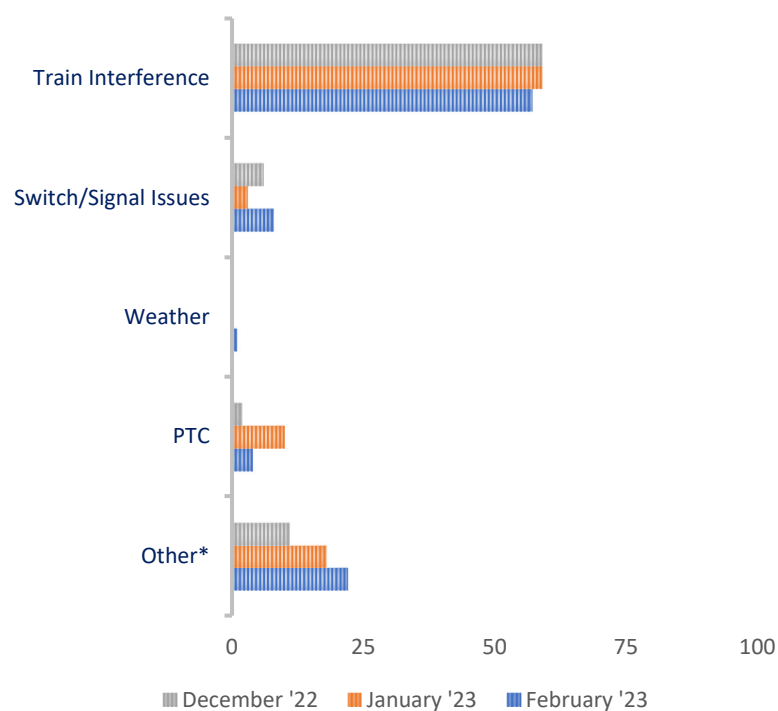
February 2023

ON-TIME PERFORMANCE

OUR RECORD

	February 2023	January 2023	February 2022
Manassas Line	88%	85%	91%
Fredericksburg Line	82%	87%	98%
Systemwide	85%	86%	95%

PRIMARY REASON FOR DELAY



VRE operated 608 trains in February. The on-time rate for February was 85 percent.

Ninety-two trains arrived more than 5 minutes late to their final destinations. Of those late trains, 38 were on the Manassas Line (41 percent), and 54 were on the Fredericksburg Line (59 percent).

Train interference continues to account for the majority of delays. There was also a significant rise in delays categorized as “Other,” which included slow orders issued on the CSX line and a broken rail in the tunnel at Union Station.

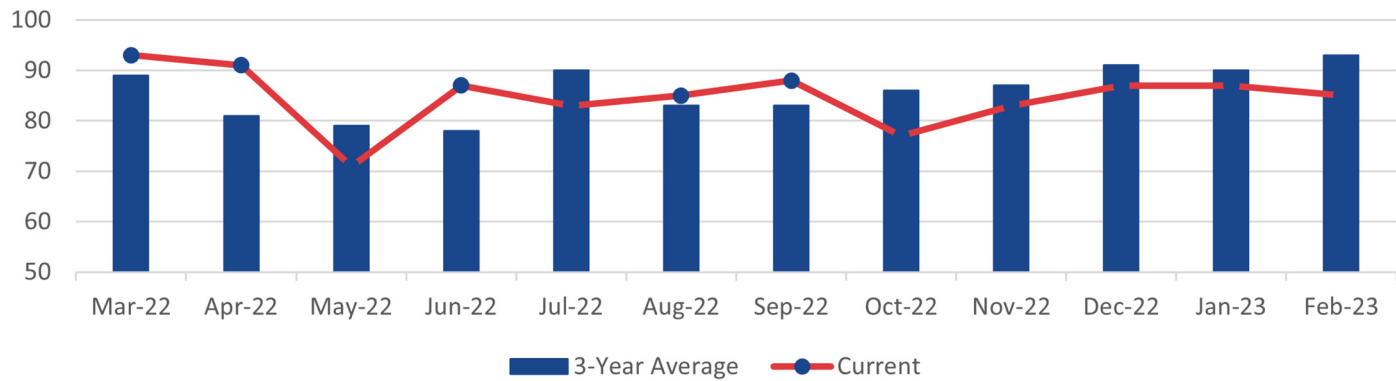
*Includes trains that were delayed due to operational testing and passenger handling.

LATE TRAINS

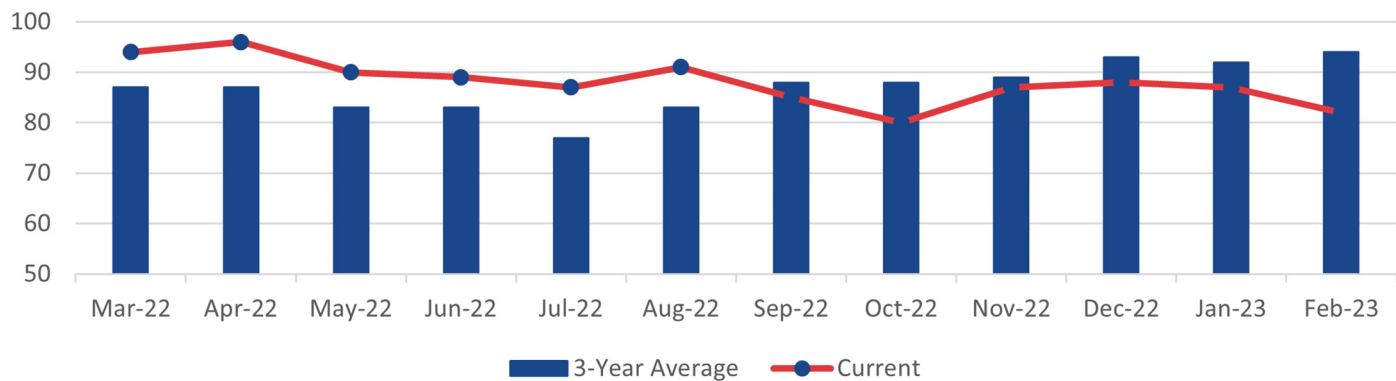
	System Wide			Fredericksburg Line			Manassas Line		
	Dec.	Jan.	Feb.	Dec.	Jan.	Feb.	Dec.	Jan.	Feb.
Total late trains	78	90	92	34	42	54	44	48	37
Average minutes late	15	17	19	14	19	20	15	16	17
Number over 30 minutes	4	12	14	3	6	8	1	6	6
Heat restrictions	0	0	1	0	0	1	0	0	0

ON-TIME PERFORMANCE

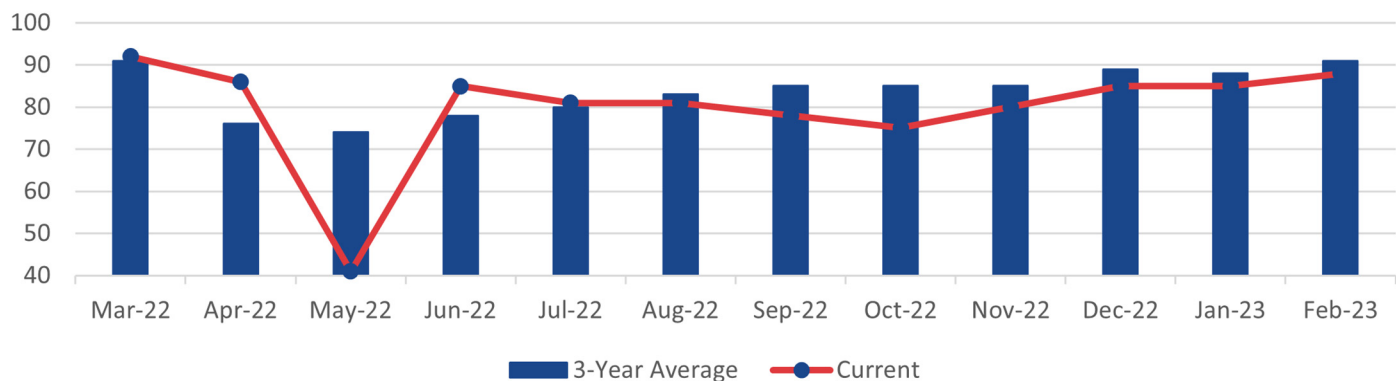
VRE SYSTEM



FREDERICKSBURG LINE

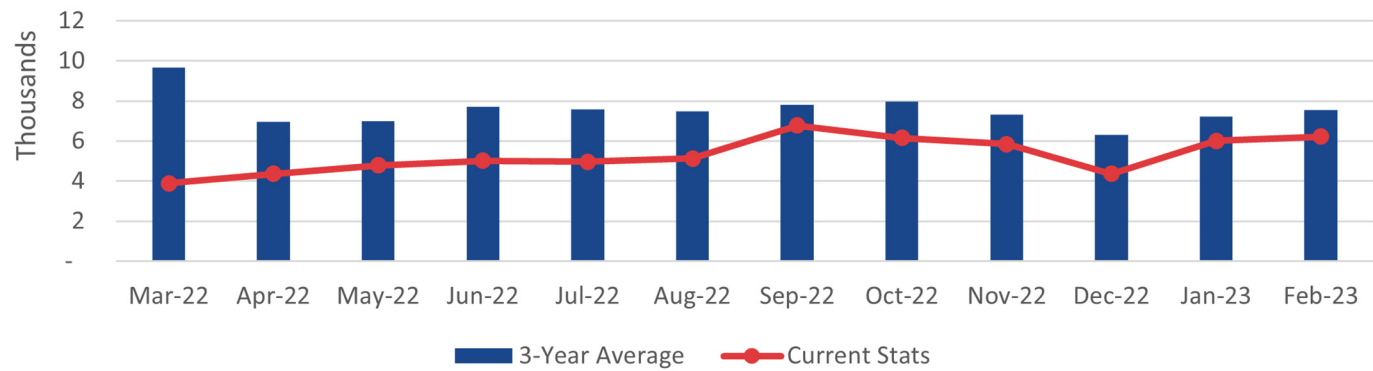


MANASSAS LINE

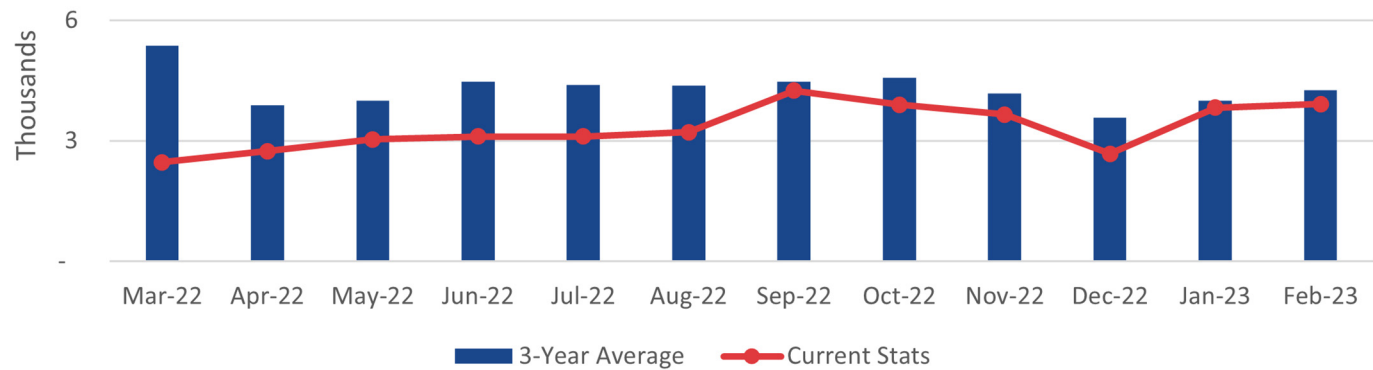


AVERAGE DAILY RIDERSHIP

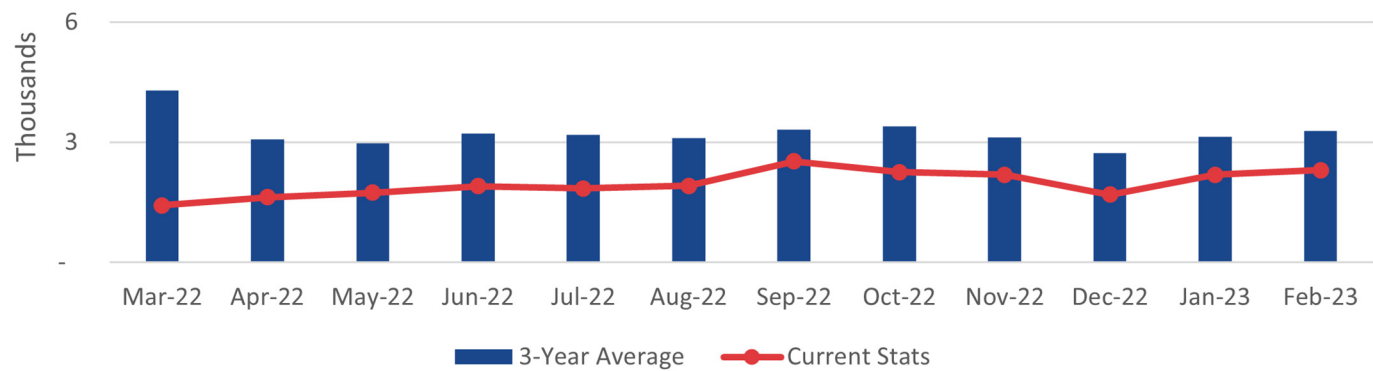
VRE SYSTEM



FREDERICKSBURG LINE



MANASSAS LINE



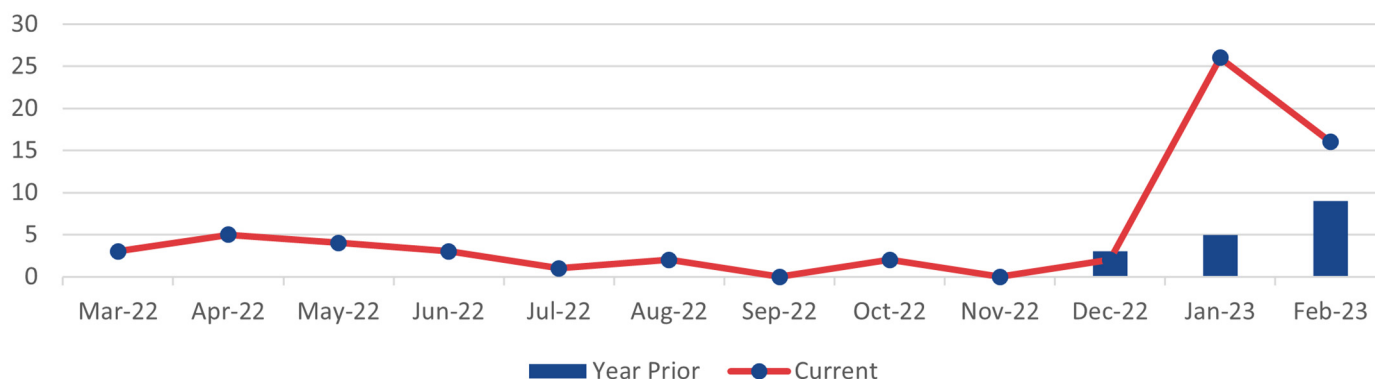
RIDERSHIP UPDATES

Average daily ridership in February was 6,220, a 3.5 percent increase over January. There were 19 service days.

	February 2023	January 2023	February 2022
Monthly Ridership	118,181	120,228	52,916
Average Daily Ridership	6,220	6,011	2,785
Bicycles on Trains	1,142	1,145	N/A
Full Service Days	19	20	19
"S" Service Days	0	0	0

SUMMONSES ISSUED

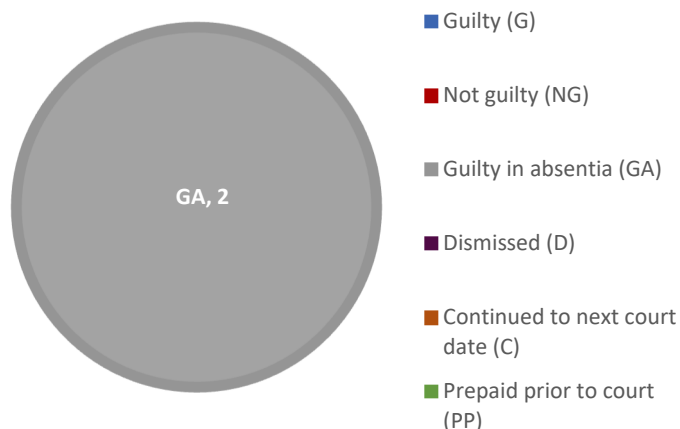
VRE SYSTEM



SUMMONSES WAIVED OUTSIDE OF COURT

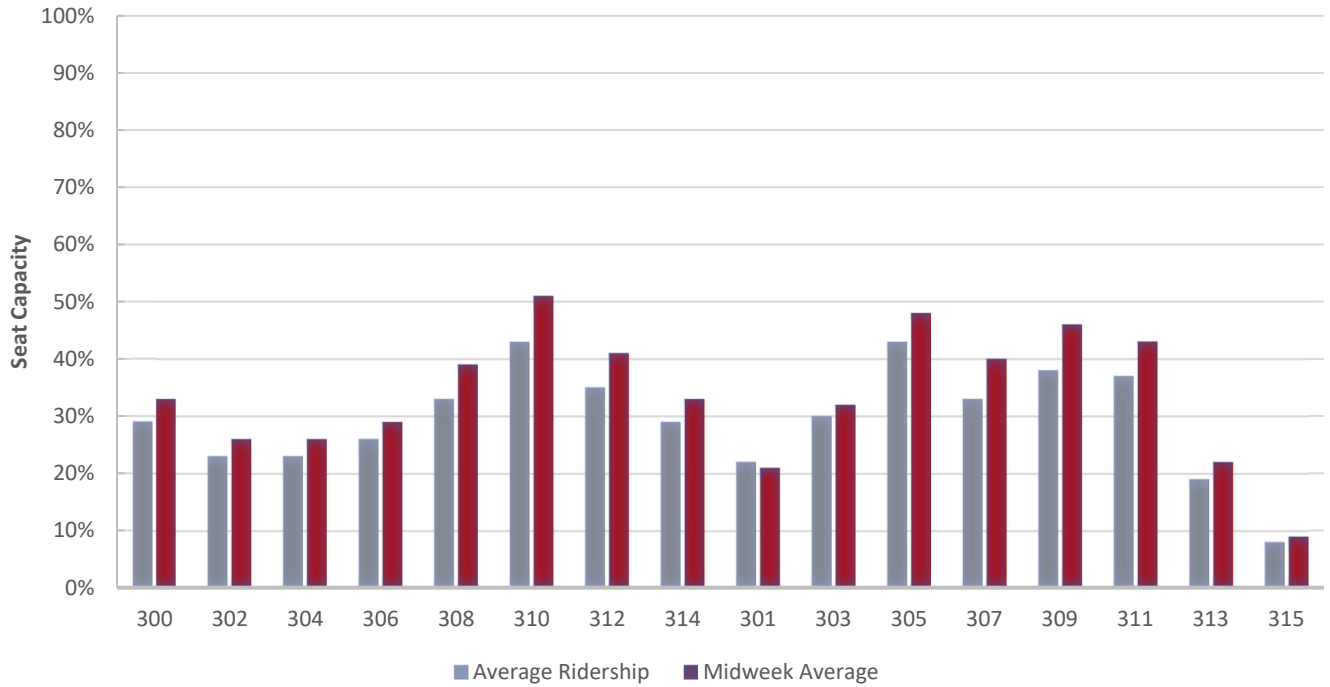
Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	0
One-time courtesy	1
Per the request of the conductor	0
Defective ticket	0
Per ops manager	0
Unique circumstances	0
Insufficient information	0
Lost and found ticket	0
Other	0
Total Waived	1

MONTHLY SUMMONSES COURT ACTION

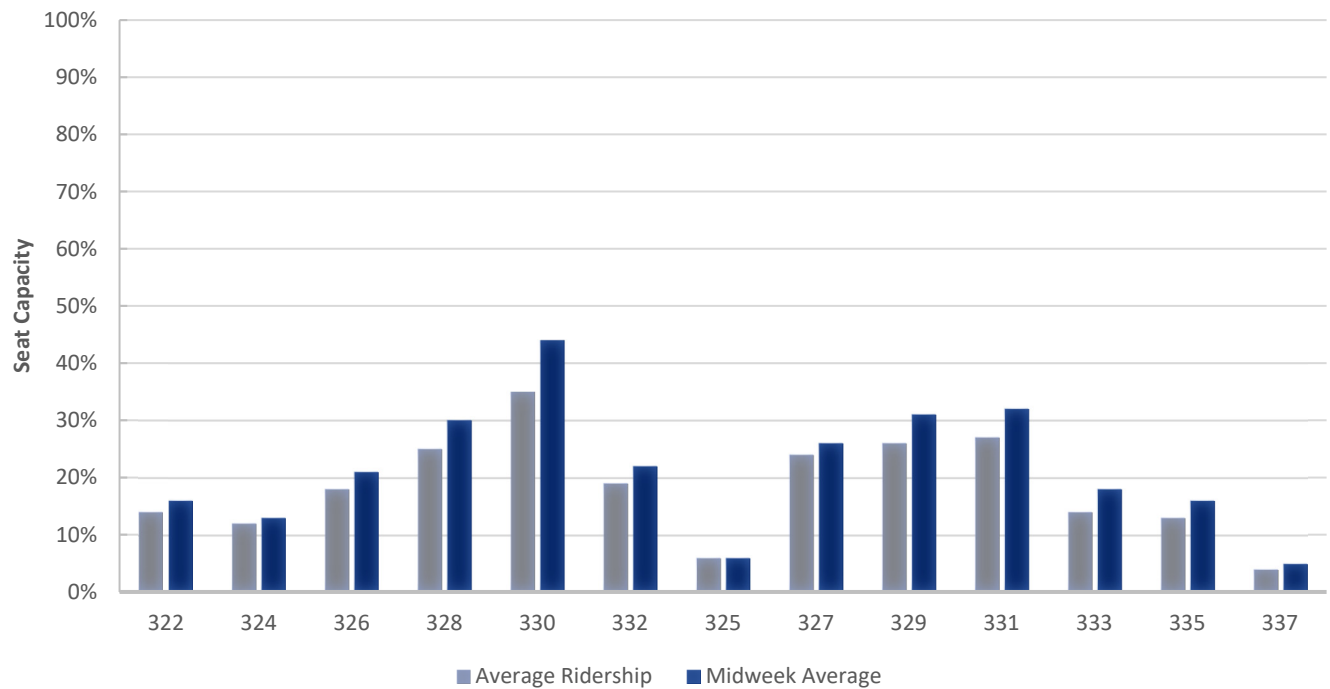


TRAIN UTILIZATION

FREDERICKSBURG LINE

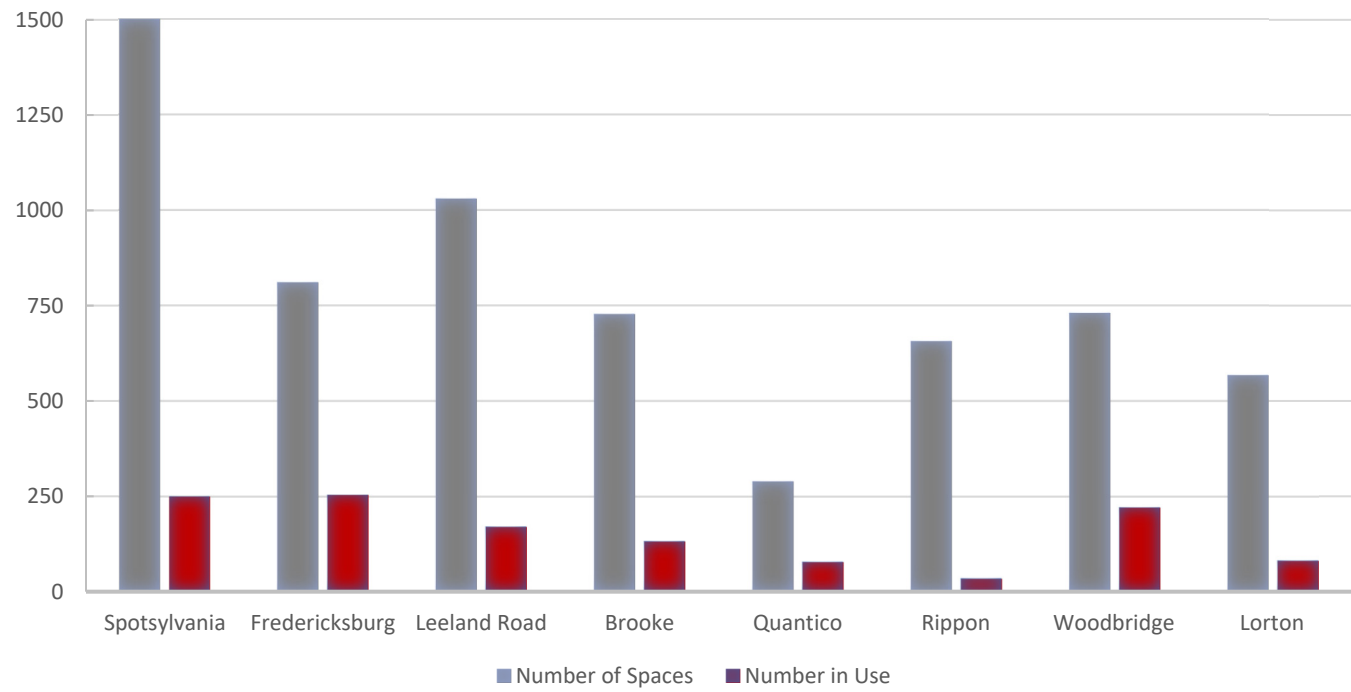


MANASSAS LINE

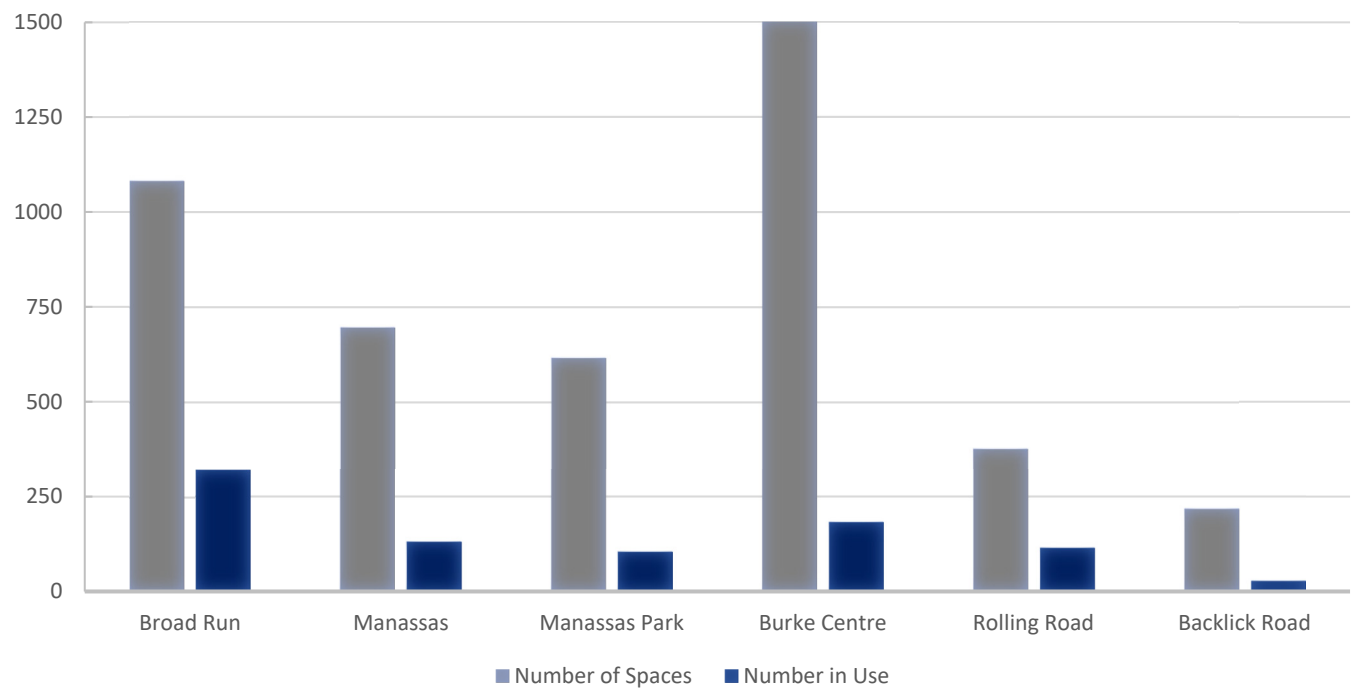


PARKING UTILIZATION

FREDERICKSBURG LINE



MANASSAS LINE



FACILITIES UPDATE

The following is a status update of VRE facilities projects.

Completed projects:

1. Minor repairs to concrete platform at Crystal City station
2. Replacement of timber pedestrian crossing at Alexandria station
3. Modifications to sidewalk and pavement at Rippon station
4. Replacement/installation of pathfinder signage for Brooke and Leeland Road stations
5. Purchase of Portable Changeable Message Sign for street and parking lot closures and special events



New timber pedestrian crossing at Alexandria



Sidewalk and pavement modifications at Rippon

Projects scheduled to be completed this quarter:

1. Replacement of LED lighting at Woodbridge station parking garage
2. Minor repairs to steel elements at Leeland Road station
3. Minor repairs to concrete platform at Burke Centre station
4. Replacement of ceiling tiles at Fredericksburg office
5. Replacement of tile flooring in Crossroads MASF offices
6. Replacement of waste and recycling receptacles at various stations
7. Replacement of benches at various stations
8. Replacement/installation of pathfinder signage for Franconia-Springfield, Lorton, Woodbridge, Rippon, Quantico, Backlick Road, Rolling Road, Burke Centre, Manassas Park, Manassas and Broad Run stations
9. Installation of “988 Suicide & Crisis Lifeline” signage on station inter-track fences, pending availability of CSX protection
10. Installation of “No Trespassing” signage at Rippon, Spotsylvania and Broad Run station parking lots

Projects scheduled to be initiated this quarter:

1. Minor repairs to concrete platform at Alexandria station
2. Modernization of east elevator at Woodbridge station
3. Replacement of windscreen plexiglass panels at Lorton and Woodbridge stations
4. Sealcoating and restriping of parking lots at Woodbridge and Rippon stations

MARCH 2023

5. Improvements to various elements of Quantico station building
6. Replacement of electrical cabinet at Rolling Road station
7. Replacement of existing lighting with LED lighting at Manassas station parking garage
8. Installation of electrical service for oil storage building at Broad Run MASF
9. Replacement of parking lot entrance signs at various stations

Ongoing projects:

1. Issuance of construction task order for minor structural concrete repairs at Woodbridge station parking garage, pending permit issuance
2. Procurement of construction contract for L'Enfant Station Waiting Area project, pending permit issuance
3. Procurement of new five-year Maintenance/Custodial and Seasonal Services for VRE Facilities contracts

UPCOMING PROCUREMENTS

1. Modernization of VRE Woodbridge station east elevator
2. Alexandria station improvements
3. Broad Run and Crossroads security camera system power and network infrastructure upgrade
4. Locomotive master controllers
5. Engineering and environmental services for VRE L'Enfant track and station improvements
6. Hosted back-office services for positive train control
7. Ticket vending machine technical support services
8. Central diagnostic cloud services for VRE locomotives

CAPITAL PROJECTS UPDATE

Project Name	Project Description	Current Phase	Budget	Project Notes
Alexandria Station Improvements	Passenger safety will be improved by replacing an at-grade pedestrian track crossing with elevators to connect the two platforms. The elevators and the current and proposed stairs, will connect to the existing tunnel between the two platforms. Adjustments to platform elevation will eliminate the need for step-boxes to access VRE and Amtrak trains. The center platform will be widened and lengthened to accommodate trains on both tracks.	Final Design	\$ 37,288,433.00	CSXT 60% track plans and 30% bridge plans under review by VRE. Coordination meeting scheduled for 03/21/23. (Mar) CSXT 60% track plans and 30% bridge plans anticipated in Mar. VRE CM/GC procurement documents, now underway, May require updates, following CSXT submittals. (Feb)
Broad Run Expansion	To accommodate forecasted ridership growth and increase service reliability, improvements are needed at both the Maintenance and Storage Facility (MSF) and station. An enlarged MSF can store longer trains and additional equipment. That requires shifting the existing platform and adding a pedestrian tunnel between the platform and existing and proposed parking lots. A second, 600-space lot and third main track will be constructed.	Final Design	\$ 139,381,862.00	With the formal endorsement by VRE board of southern parking, expansion design is underway to update layout for 60% design deliverable. (Mar.) Southern parking alternative presented as informational item to VRE board in Jan. Will seek board's formal endorsement in Feb.. (Feb)
Brooke Station Improvements	Design and construction of a platform extension up to 700 feet to accommodate full-length VRE trains.	Development	\$ 9,461,455.00	VRE has reengaged this project and returned it to the CIP budget for future years. Project schedule updates pending input from various stakeholders. (Feb & Mar)
Crystal City Station Improvements	Improved station access and service reliability will result from a new station. The platform at the relocated station will allow for the simultaneous boarding of two full-length trains. The station's design will accommodate a future pedestrian/bicycle connection between the station and the airport.	Development	\$ 68,900,900.00	CSXT 4th track 60% design under review by VRE. VRE will advance station design to 60%, based on track design following review. Coordination ongoing with JBG and Amtrak. (Mar) CSXT 4th track 60% design submittal anticipated Mar. VRE will advance station design to 60%, based on track design once received. Coordination ongoing with JBG Smith and Amtrak. (Feb)
Franconia-Springfield Station Improvements	Extended platforms will be able to accommodate eight-car trains, eliminating the need for passengers near the rear to move to a different railcar when disembarking. Enhanced passenger safety and reduced station dwell times will result. The longer platforms will increase operational flexibility and capacity. The design will allow for a future third mainline track.	Final Design	\$ 25,351,100.00	VRE coordinating Section 106 questions with FTA. Coordinating with CSXT to perform survey and soil borings. (Mar) NEPA documentation anticipated to be completed by end of Jan. for submittal to FTA. Coordinating with CSXT to perform survey and soil borings in Jan. (Feb)

CAPITAL PROJECTS UPDATE

Project Name	Project Description	Current Phase	Budget	Project Notes
Fredericksburg Station Rehabilitation	The rehabilitation of platforms, stairs and bridges will improve passenger safety and better accommodate the boarding and disembarking of riders from VRE and Amtrak trains. New stairs will allow passengers to move between the platform and a parking lot without crossing the street at grade level. New signage, sidewalks, lighting and paint are included, as is installation of a low-clearance warning sign to a bridge that has experienced numerous vehicle strikes.	Construction	\$ 11,480,622.00	CSX field pre-con accomplished Jan. Preliminary soundings and bridge repair surveys accomplished Feb/Mar. Bridge repair schedule anticipated to begin March. Clark Construction has begun concrete sounding to identify locations requiring repairs. This requires intermittent lane closures in coordination with city. (Feb)
HQ Office Renovations	The project will improve employee safety and security and maximize workspace efficiency at VRE Headquarters, and will include modifications to kitchen, supply room, mail room, bathroom/shower, office and cubicle areas in the north and south wings. The east wing will be modified to include additional offices.	Construction	\$ 250,000.00	Planning glass wall-enclosed work/meeting spaces adjacent to communications room. (Feb & Mar)
Leeland Road Parking Improvements	This project will expand the surface parking lot at the Leeland Road station by approximately 225 spaces to accommodate future demand.	Development	\$ 12,044,433.00	The project is funded through Virginia SMART SCALE. Funding is allocated for FY20 and 22. A funding agreement is pending. (Feb & Mar)
Leeland Road Station Improvements	Design and construction of a platform extension to accommodate full-length VRE trains.	Development	\$ 10,361,037.00	VRE has reengaged this project and returned it to the CIP budget for future years. Project schedule updates pending input from various stakeholders. (Feb & Mar)
L'Enfant Station Waiting Area	The existing platform at the L'Enfant station experiences overcrowding during the evening service period. The proposed project will create an additional paved area behind the existing platform, currently landscaped with shrubs and grass, for riders to wait for trains or to bypass riders waiting on the platform.	Final Design	\$ 350,000.00	Boston Properties' (BP) agreement for temporary use of adjacent property during construction signed by VRE. Awaiting BP's' signature. (Mar) BP responded to VRE legal counsel's second iteration of comments on draft agreement for temporary use of adjacent property during construction. (Feb)
L'Enfant Track and Station Improvements	Expansion of the VRE L'Enfant Station to provide two platform edges and serve full-length trains. Add a new mainline track between LE and VA interlockings.	Development	\$ 110,857,683.00	Operations Board approved a preferred alternative in Nov. 2022. (Feb & Mar)

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CAPITAL PROJECTS UPDATE

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Fredericksburg Station Rehabilitation	The rehabilitation of platforms, stairs and bridges will improve passenger safety and better accommodate the boarding and disembarking of riders from VRE and Amtrak trains. New stairs will allow passengers to move between the platform and a parking lot without crossing the street at grade level. New signage, sidewalks, lighting and paint are included, as is installation of a low-clearance warning sign to a bridge that has experienced numerous vehicle strikes.	Construction	\$ 11,480,622.00	CSX field pre-con accomplished Jan. Preliminary soundings and bridge repair surveys accomplished Feb/Mar. Bridge repair schedule anticipated to begin March. Clark Construction has begun concrete sounding to identify locations requiring repairs. This requires intermittent lane closures in coordination with city. (Feb)
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Leeland Road Parking Improvements	This project will expand the surface parking lot at the Leeland Road station by approximately 225 spaces to accommodate future demand.	Development	\$ 12,044,433.00	The project is funded through Virginia SMART SCALE. Funding is allocated for FY20 and 22. A funding agreement is pending. (Feb & Mar)
Leeland Road Station Improvements	Design and construction of a platform extension to accommodate full-length VRE trains.	Development	\$ 10,361,037.00	VRE has reengaged this project and returned it to the CIP budget for future years. Project schedule updates pending input from various stakeholders. (Feb & Mar)
L'Enfant Station Waiting Area	The existing platform at the L'Enfant station experiences overcrowding during the evening service period. The proposed project will create an additional paved area behind the existing platform, currently landscaped with shrubs and grass, for riders to wait for trains or to bypass riders waiting on the platform.	Final Design	\$ 350,000.00	Boston Properties' (BP) agreement for temporary use of adjacent property during construction signed by VRE. Awaiting BP's' signature. (Mar) BP responded to VRE legal counsel's second iteration of comments on draft agreement for temporary use of adjacent property during construction. (Feb)
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CAPITAL PROJECTS UPDATE

Project Name	Project Description	Current Phase	Budget	Project Notes
Quantico Station Improvements	Service and safety will be enhanced through the construction of a new center platform, ADA-compliant pedestrian bridges, existing platform extension, and third track. These improvements will allow the station to accommodate additional passengers and more frequent and longer trains and operations flexibility with three boardable platform edges.	Construction	\$ 25,573,060.00	Soil nail wall progressing. Platform concrete and canopy installation completed for both platforms. Station tower/ped bridge completion on going. (Mar) Platform concrete and canopy installation progressing on both platforms. Structural steel welding nearing completion. Soil nail wall progressing. (Feb)
Real-Time Multimodal Traveler Information System	The passenger experience will be enhanced through the provision of real-time train arrivals. Software upgrades are required to provide these real-time data feeds and integrate them with VRE Mobile and other third-party apps and websites, as well as on display screens at VRE stations and other locations along the I-66 corridor.	Development	\$ 3,481,000.00	This project has been allocated I-66 OTB funding. A funding agreement is pending. (Feb & Mar)
Rolling Road Station Improvements	An extended platform will accommodate eight-car trains, eliminating the need for passengers near the rear to move to a different railcar when disembarking. Enhanced passenger safety and reduced station dwell times will result. Rehabilitation and repair of the existing platform, replacement of stairs and the existing canopy roof, and an upgrade of the lighting and communication systems are planned.	Construction	\$ 5,000,000.00	Construction work is complete. Final construction amendment executed. Final construction invoice paid. Retainage release in process. (Mar) Construction work is complete. Final construction amendment executed. Project to close (Feb)
Security Cameras	Safety and security will be improved through the modernization and expansion of VRE's security camera system. New cameras will be placed at 22 locations.	Final Design	\$ 1,939,305.00	VRE project manager is working with the Purchasing and Contracts Administration staff to finalize invitation-for-bids documentation for public advertisement. (Feb & Mar)
Variable Messaging System Replacement	The effectiveness of VREoperations will be enhanced through the installation of new variable message signs (VMS) throughout the rail system. The new VMS system will allow VRE to communicate multi-modal transit data and general transit feed specification data to VDOT for use in its VMS system.	Final Design	\$ 1,000,000.00	VMS Phase I work from Fanconia-Springfield to Spotsylvania 90% complete. Engineering work began on the Manassas Line on 1/9/23. (Mar)
Woodbridge Station Improvements	Expanded platforms will allow passengers to access trains from all station tracks.	Development	\$ 2,740,618.00	The scope and schedule for this project is being coordinated with the commonwealth's Transforming Rail in Virginia initiative, post-Phase 2 project (Feb & Mar)

For more information about VRE capital projects, visit <https://projects.vre.org/list>

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