

CEO REPORT

JULY 2022



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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VIRGINIA RAILWAY EXPRESS
A better way. A better life.

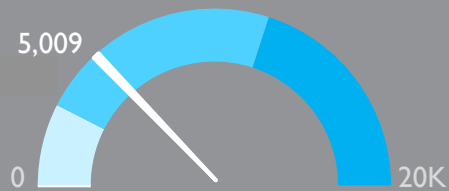


PERFORMANCE AT A GLANCE



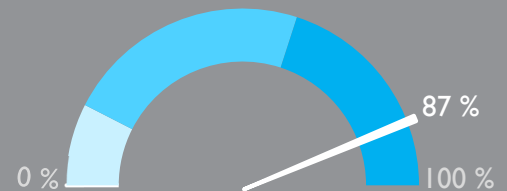
PARKING UTILIZATION

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



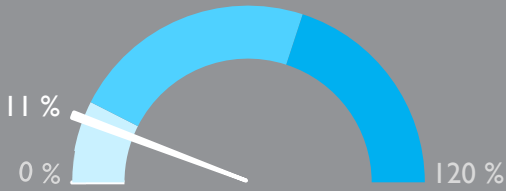
AVERAGE DAILY RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings and reduced, "S" schedule, service.
Same month, previous year: 2,247



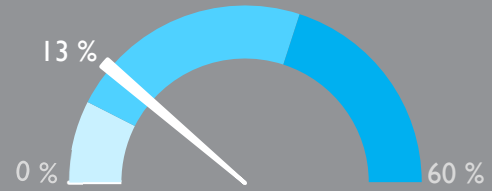
ON-TIME PERFORMANCE

Percent of trains arriving at their destination within 5 minutes of the schedule.
Same month, previous year: 81%



SYSTEM CAPACITY

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



OPERATING RATIO
Through May 2022

Year-to-date operating revenues divided by year-to-date operating expenses, which represents the share of operating costs paid by the riders.
Board-approved goal: 52%

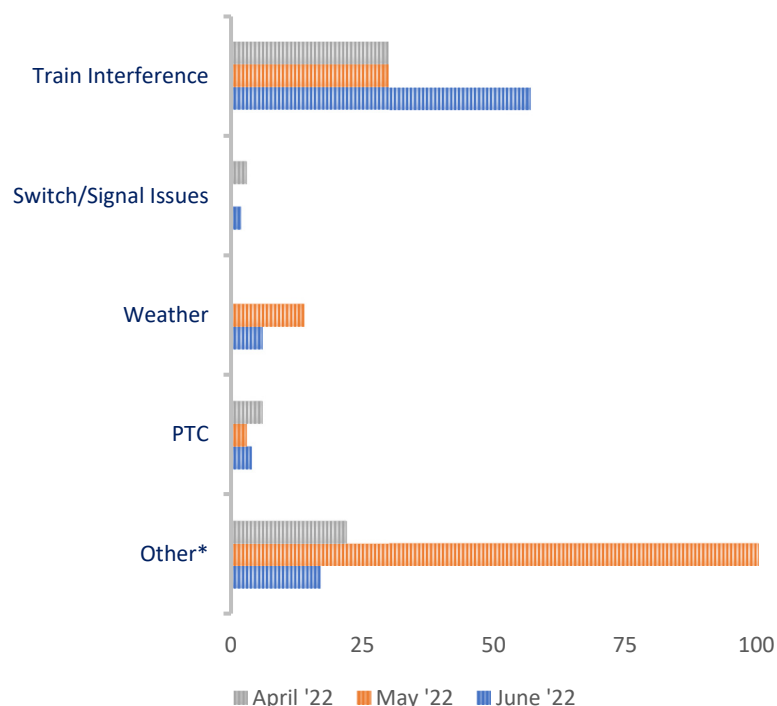
June 2022

ON-TIME PERFORMANCE

OUR RECORD

	June 2022	May 2022	June 2021
Manassas Line	85%	41%	77%
Fredericksburg Line	89%	90%	85%
Systemwide	87%	71%	81%

PRIMARY REASON FOR DELAY



VRE operated 688 trains in June. The on-time rate for June was 87 percent.

Eighty-six trains arrived more than 5 minutes late to their final destinations. Of those late trains, 50 were on the Manassas Line (58 percent), and 36 were on the Fredericksburg Line (42 percent).

Train interference was the primary reason for delays in June accounting for nearly two-thirds of all late trains.

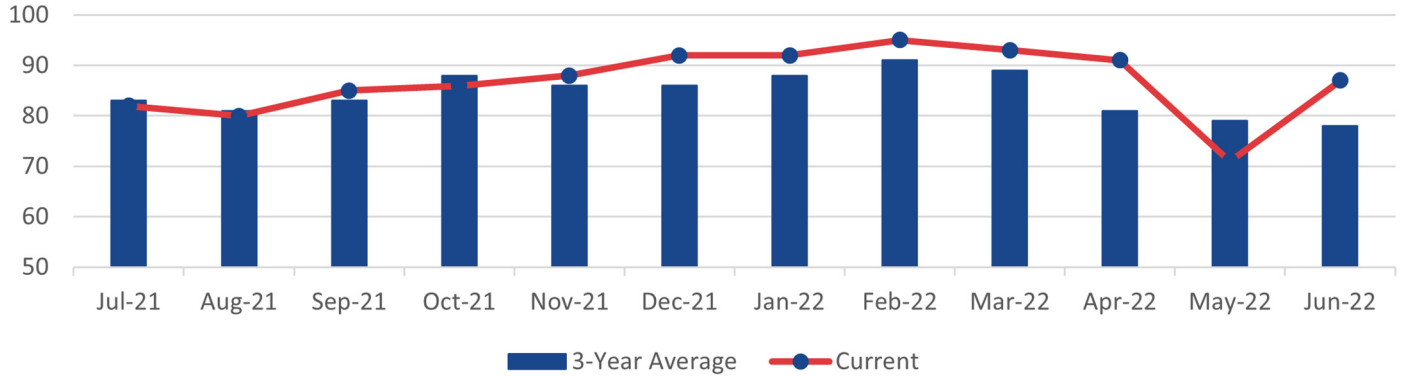
*Includes trains that were delayed due to operational testing and passenger handling.

LATE TRAINS

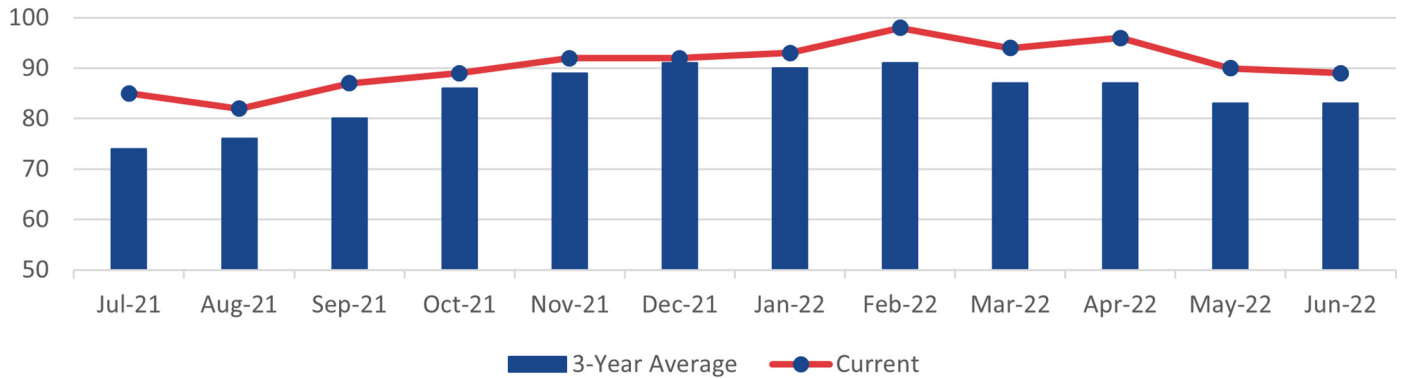
	System Wide			Fredericksburg Line			Manassas Line		
	Apr.	May	June	Apr.	May	June	Apr.	May	June
Total late trains	61	160	86	15	32	36	46	128	50
Average minutes late	15	19	17	14	14	18	15	20	16
Number over 30 minutes	8	25	8	2	4	3	6	21	5
Heat restrictions	0	7	14	0	7	14	0	0	0

ON-TIME PERFORMANCE

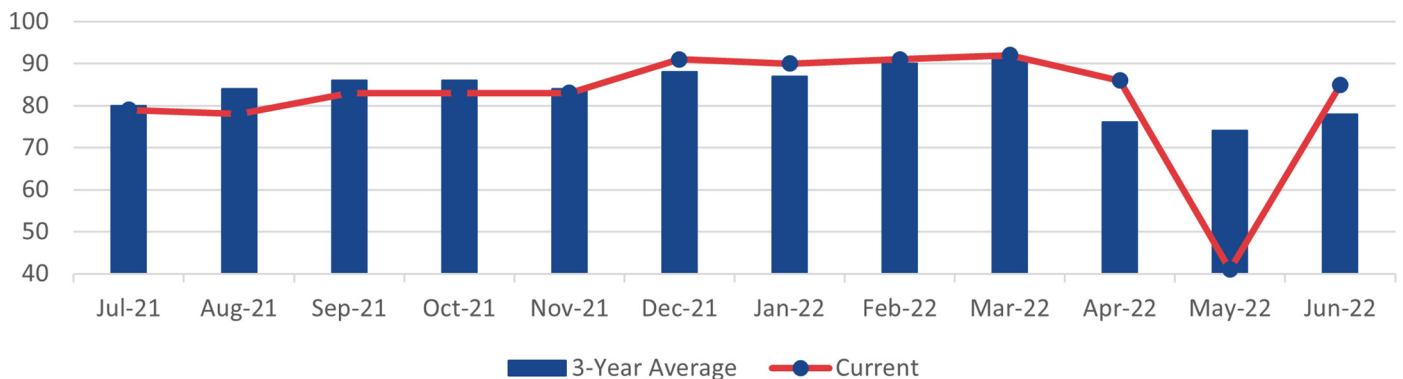
VRE SYSTEM



FREDERICKSBURG LINE

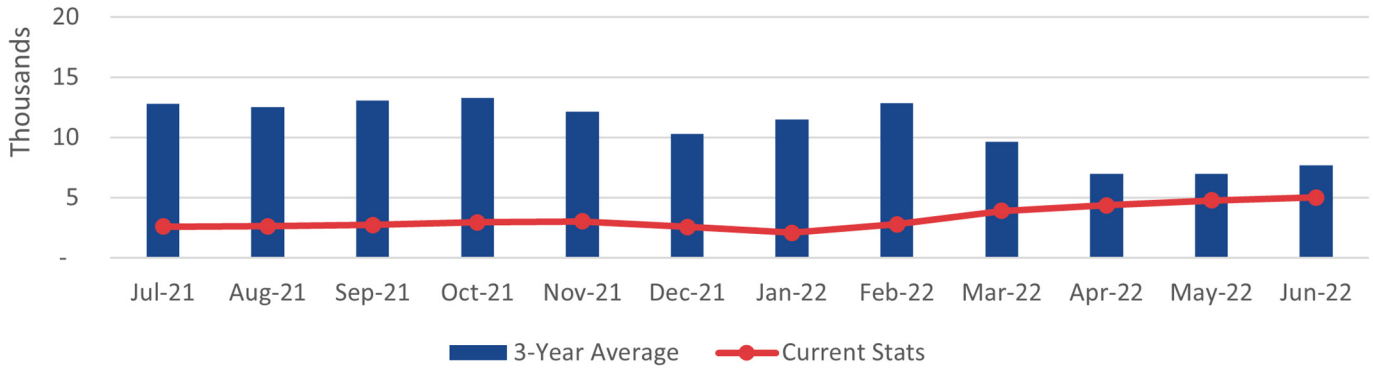


MANASSAS LINE

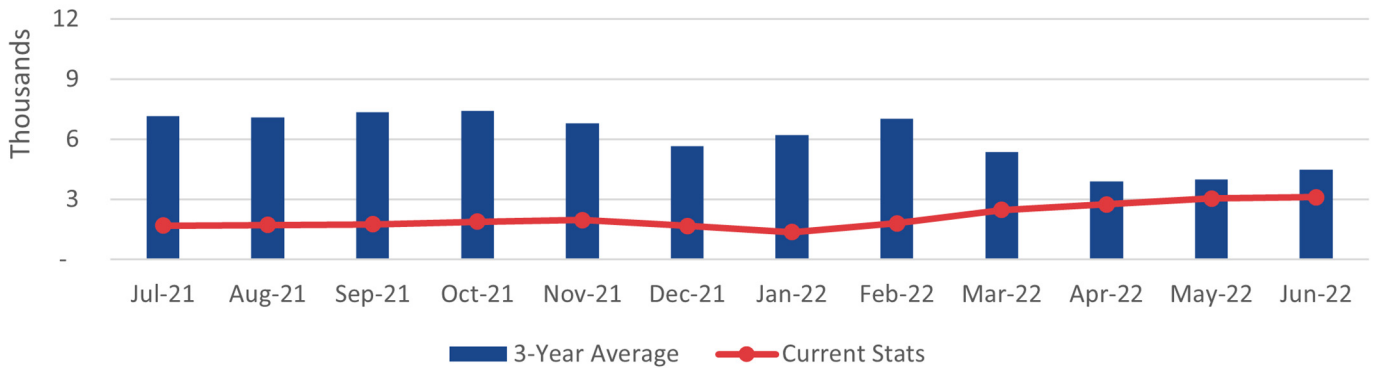


AVERAGE DAILY RIDERSHIP

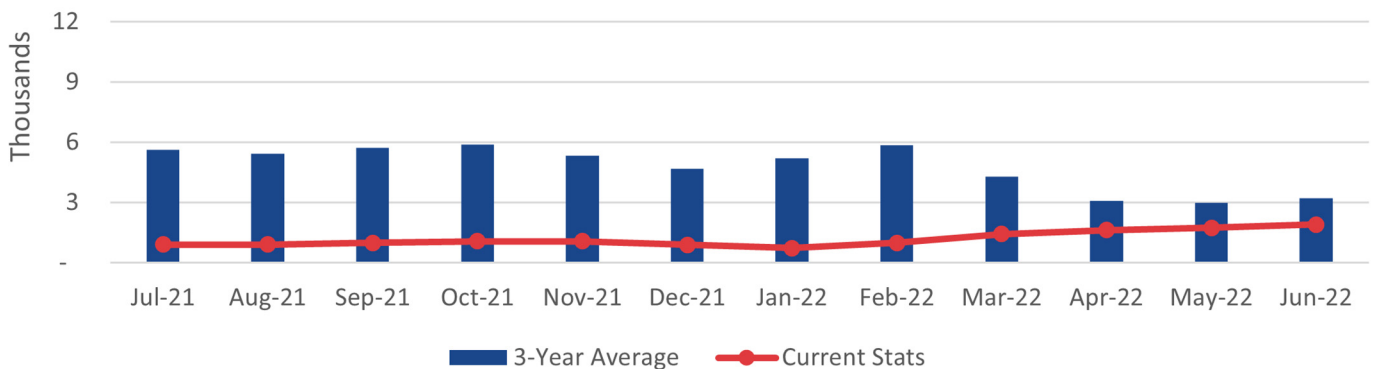
VRE SYSTEM



FREDERICKSBURG LINE



MANASSAS LINE



RIDERSHIP UPDATES

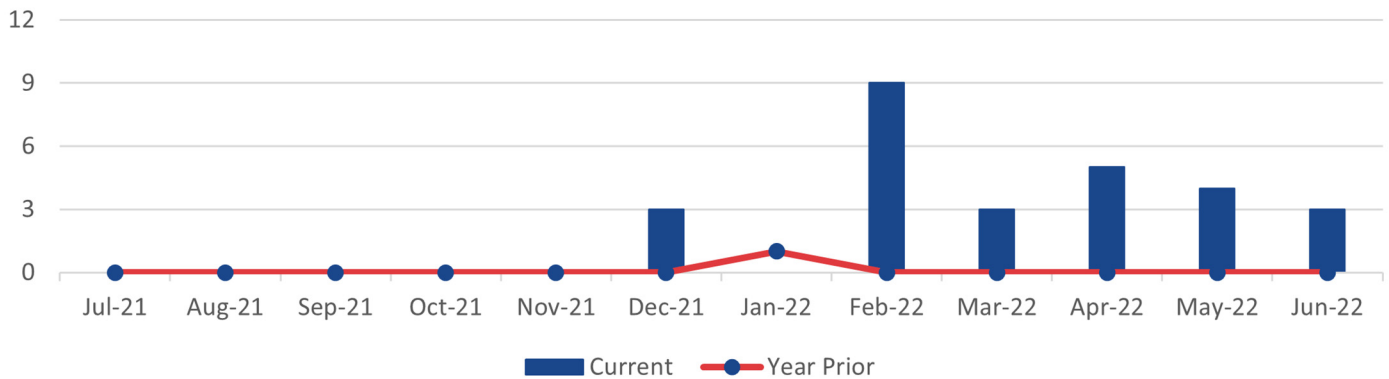
Average daily ridership in June was 5,009. There were 22 service days.

Ridership continued to trend upward, with over 110,000 monthly passengers. Staff will monitor the numbers throughout the summer.

	June 2022	May 2022	June 2021
Monthly Ridership	110,208	100,319	49,437
Average Daily Ridership	5,009	4,777	2,247
Full Service Days	21	21	22
"S" Service Days	1	0	0

SUMMONSES ISSUED

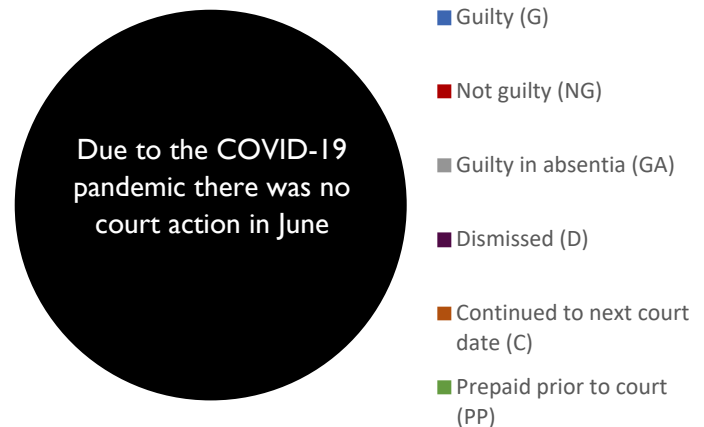
VRE SYSTEM



SUMMONSES WAIVED OUTSIDE OF COURT

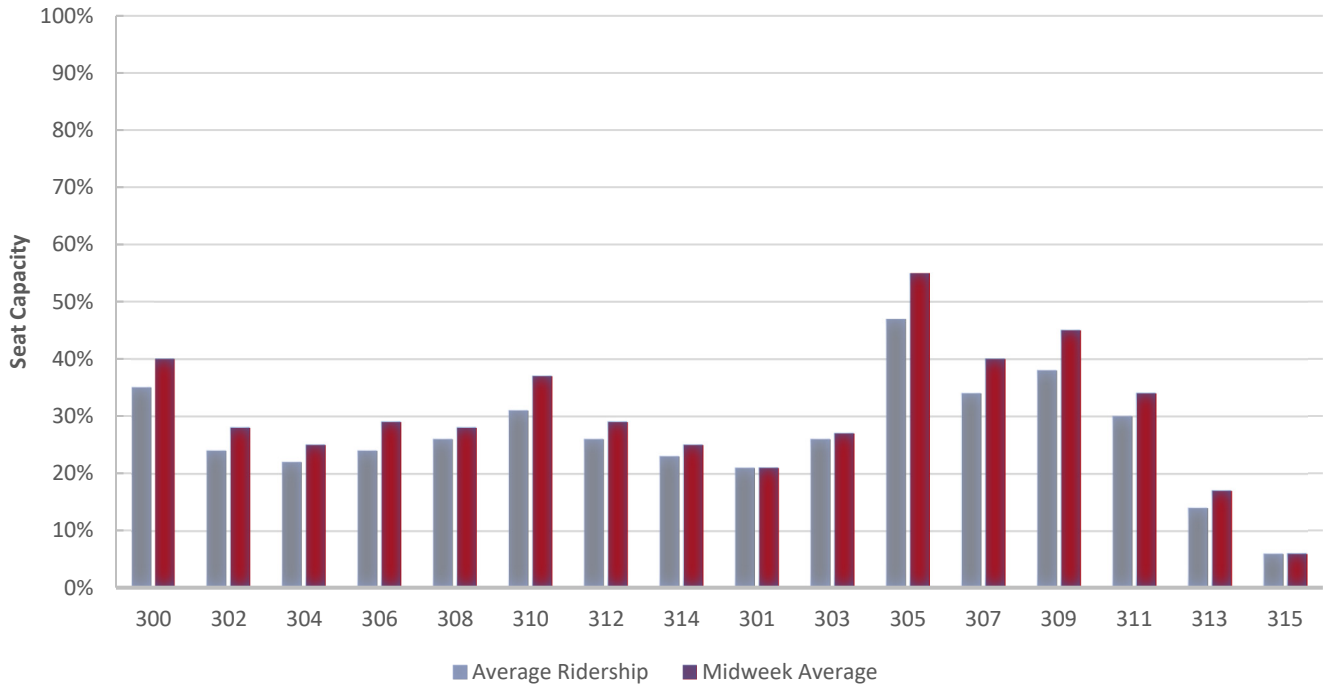
Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	0
One-time courtesy	0
Per the request of the conductor	0
Defective ticket	0
Per ops manager	0
Unique circumstances	0
Insufficient information	0
Lost and found ticket	0
Other	0
Total Waived	0

MONTHLY SUMMONSES COURT ACTION

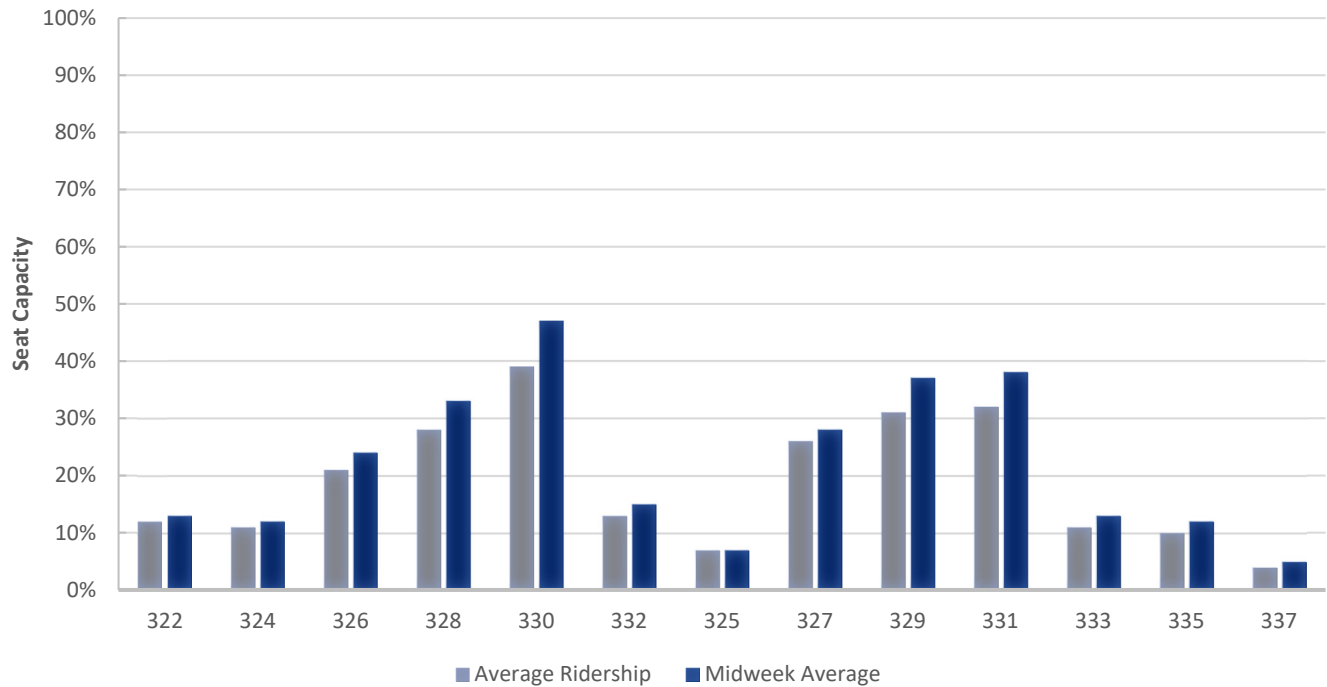


TRAIN UTILIZATION

FREDERICKSBURG LINE

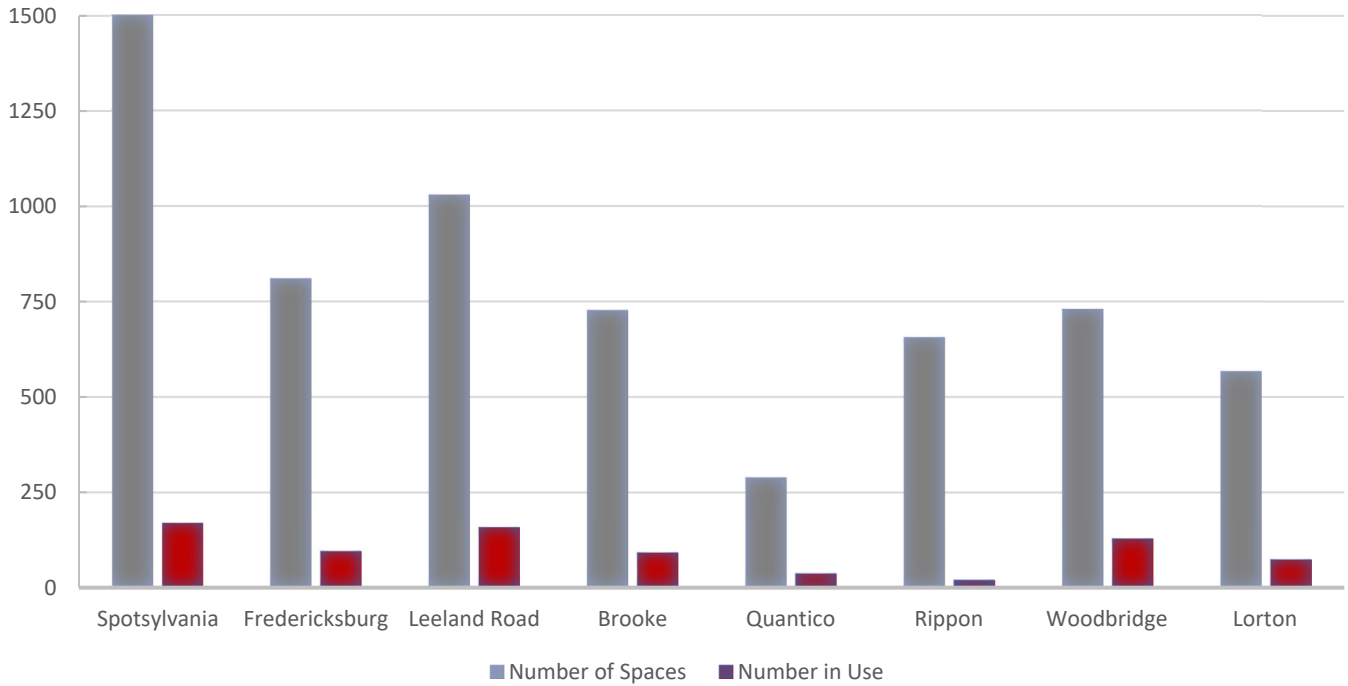


MANASSAS LINE

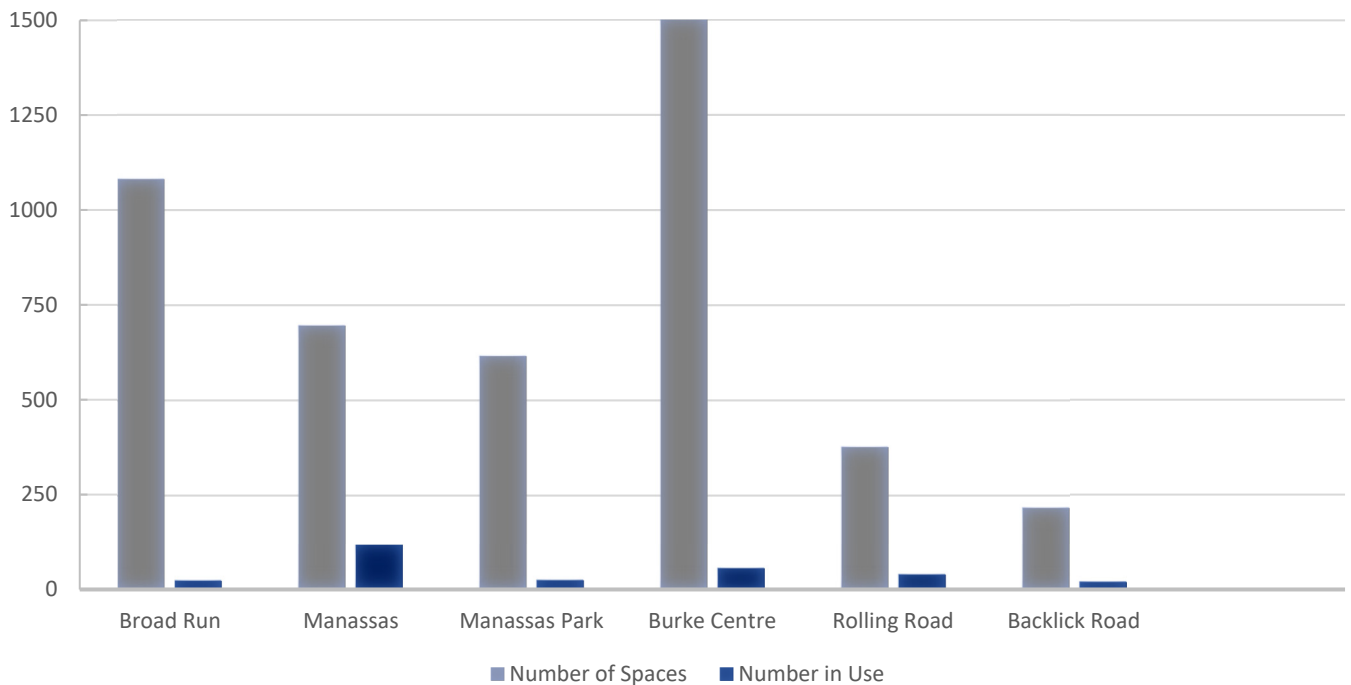


PARKING UTILIZATION

FREDERICKSBURG LINE



MANASSAS LINE



FACILITIES UPDATE

The following is a status update of VRE facilities projects.

Completed projects:

1. Repair of canopy roofing at Quantico station
2. Replacement of existing platform and canopy lighting with LED lighting at Burke Centre station
3. Installation of air purifiers at Fredericksburg office, Crossroads MASF and Broad Run MASF buildings
4. Installation of additional cubicle workstation at Alexandria headquarters
5. Overhaul of emergency generators at Alexandria headquarters, Fredericksburg office and Manassas station

Projects scheduled to be completed this quarter:

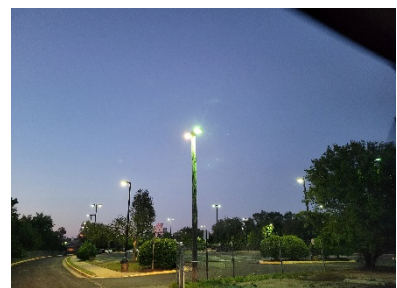
1. Repair of steel components of ADA lift enclosure at Woodbridge station
2. Replacement of damaged fire extinguisher cabinet at Woodbridge station parking garage
3. Overhaul of emergency generator at Woodbridge station
4. Replacement of windscreen plexiglass panels at Rippon station
5. Relocation of server room wall at Quantico station
6. Replacement of parking lot privacy fence at Brooke station
7. Restriping of Reserved VRE parking messages at Fredericksburg Lot C
8. Restriping of portions of Broad Run station parking lots
9. Fabrication of pathfinder signage for Fredericksburg and Spotsylvania stations, for subsequent installation by VDOT
10. Replacement of waste and recycling receptacles at various stations



Damaged fire extinguisher cabinet at Woodbridge station parking garage

Projects scheduled to be initiated this quarter:

1. Minor repair of concrete stairs at L'Enfant station
2. Minor repair of concrete at Alexandria station
3. Modernization of east elevator at Woodbridge station
4. Replacement of existing lighting with LED lighting at Fredericksburg Lot G



Lighting to be replaced at Fredericksburg Lot G

JULY 2022

5. Replacement of fluorescent lighting with LED lighting at Fredericksburg office
6. Replacement of ceiling tiles at Fredericksburg office
7. Repair of concrete stairs at Burke Centre station
8. Replacement of existing lighting with LED lighting at Manassas station parking garage
9. Painting of Crystal City, Alexandria, Rippon, Leeland Road and Backlick Road stations
10. Installation of additional storage cabinetry at Alexandria headquarters
11. Replacement of benches 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, pending permit issuance

UPCOMING PROCUREMENTS

1. Renewal of locomotive head end power engine systems
2. Program management consulting services
3. Modernization of VRE Woodbridge Station east elevator
4. Forklift trucks
5. Purchase of LED light fixtures
6. Tactile strip replacements
7. Construction Manager / General Contractor for the Alexandria Station improvements project
8. Broad Run and Crossroads security camera system power and network infrastructure upgrade
9. Station security camera upgrade
10. Locomotive master controllers
11. Construction of Manassas Park Station parking expansion

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	\$ 30,975,014.00	Permit coordination ongoing with City of Alexandria. (June & July 2022)
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	\$ 137,230,000.00	30% redesign in progress. Additional fieldwork/borings are ongoing. (July 2022) 30% redesign in progress. Fieldwork is complete. (June 2022)
Brooke Station Improvements	Design and construction of a platform extension up to 700 feet to accommodate full-length VRE trains.	Development	\$ 9,284,208.00	VRE has reengaged this project and returned it to the CIP Budget for future years. Project schedule updates pending input from various stakeholders. (June & July 2022)
Crossroads MSF - Storage Expansion, Short-term	The project constructs additional storage tracks at the Crossroads Maintenance and Storage Facility (MSF) adjacent to the existing facility.	Development	\$ 8,365,765.00	VPRA has signed a LONP, allowing development and design work to proceed. (June & July 2022)
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	\$ 50,114,624.00	Stakeholder coordination continues for implementation of the phased design and construction approach, which was presented at the April Operations Board meeting. (June & July 2022)
Facilities Design Guidelines Update	Update to the 2019 VRE Facility Design Guidelines.	Final Design	\$ 80,000.00	Revised draft drawing package received and being reviewed by VRE. (June & July 2022)
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	\$ 13,000,000.00	Task order issued for design of a pedestrian tunnel. (July 2022) In process of issuing a task order to design a pedestrian tunnel. (June 2022)

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CAPITAL PROJECTS UPDATE

Project Name	Project Description	Current Phase	Budget	Project Notes
Lifecycle Overhaul and Upgrade (LOU) Facility	Featuring 33,000 square feet of maintenance space, the LOU will allow VRE to cost-effectively maintain rolling stock, as well as systems and components, in a state of good repair. It will optimize maintenance and reduce costs by allowing the in-house replacement of items before they fail. The LOU will house two tracks that can hold up to four cars at one time and be equipped with a drop table and wheel truing machine. To maintain storage capacity within Crossroads Yard three new tracks are being constructed to provide enhanced flexibility to our operations crews for train movements and storage.	Construction	\$ 52,183,632.00	Contractor to finish concrete placement this month for the shop floor slab with building steel erection to follow later next month. (July 2022) Placement of shop floor concrete to begin this month along with remaining site work improvements. (June 2022)
Manassas Park Parking Expansion	A new garage will nearly double the 600 spaces currently available in the existing surface lot. A pedestrian bridge will provide grade-separated access to the existing platform and lot. The VRE station and garage are an integral part of the City Center Redevelopment District, the proposed transit-accessible high-density mixed-use town center of Manassas Park.	Final Design	\$ 25,983,000.00	Building plan review comments are being addressed. Third site plan submitted to city. (July 2022) Site plan second submission comments received and addressed. Building plan review comments being addressed. (June 2022)
Manassas Station Improvements	The project expands the VRE Manassas Station platform to serve full length trains and enhances pedestrian access to the station. Alternatives to increase the platform length to enable boarding and alighting from all passenger cars will be evaluated.	Development	\$ 9,125,000.00	This project is funded with I-66 OTB funding. Initiation of project planning pending completion of a Force Account Addendum with Norfolk Southern Railway. (June & July 2022)
New York Avenue Midday Storage Facility	This new facility will store trains currently located in Amtrak's Ivy City coach yard, as Amtrak now has need for the storage tracks. The New York Avenue site, which is proximate to Washington Union Station, will be able to accommodate additional VRE trains.	Development	\$ 89,666,508.00	VRE is coordinating with Amtrak on design support agreements, which will be necessary to proceed to final design stage. (July 2022) Reviewing letter of intent with Amtrak which should tee up forthcoming design support agreement. (June 2022)
Potomac Shores Station	This new station, in a master-planned community in Prince William County, is being funded, designed, and constructed by the developer of Potomac Shores in consultation with VRE and other stakeholders. The station will be just a short walk from the town center. A new side platform will be constructed which is designed to be converted into an island platform in the future when the 3rd track is added to corridor operations.	Final Design	\$ -	VPRA, CSX, and VRE comments being incorporated into final 100% plans for pre-final review cycle. Geotech concerns and excess spoil disposal driving design option investigation. (June & July 2022)

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CAPITAL PROJECTS UPDATE

Project Name	Project Description	Current Phase	Budget	Project Notes
Lifecycle Overhaul and Upgrade (LOU) Facility	Featuring 33,000 square feet of maintenance space, the LOU will allow VRE to cost-effectively maintain rolling stock, as well as systems and components, in a state of good repair. It will optimize maintenance and reduce costs by allowing the in-house replacement of items before they fail. The LOU will house two tracks that can hold up to four cars at one time and be equipped with a drop table and wheel truing machine. To maintain storage capacity within Crossroads Yard three new tracks are being constructed to provide enhanced flexibility to our operations crews for train movements and storage.	Construction	\$ 52,183,632.00	Contractor to finish concrete placement this month for the shop floor slab with building steel erection to follow later next month. (July 2022) Placement of shop floor concrete to begin this month along with remaining site work improvements. (June 2022)
Manassas Park Parking Expansion	A new garage will nearly double the 600 spaces currently available in the existing surface lot. A pedestrian bridge will provide grade-separated access to the existing platform and lot. The VRE station and garage are an integral part of the City Center Redevelopment District, the proposed transit-accessible high-density mixed-use town center of Manassas Park.	Final Design	\$ 25,983,000.00	Building plan review comments are being addressed. Third site plan submitted to city. (July 2022) Site plan second submission comments received and addressed. Building plan review comments being addressed. (June 2022)
Manassas Station Improvements	The project expands the VRE Manassas Station platform to serve full length trains and enhances pedestrian access to the station. Alternatives to increase the platform length to enable boarding and alighting from all passenger cars will be evaluated.	Development	\$ 9,125,000.00	This project is funded with I-66 OTB funding. Initiation of project planning pending completion of a Force Account Addendum with Norfolk Southern Railway. (June & July 2022)
New York Avenue Midday Storage Facility	This new facility will store trains currently located in Amtrak's Ivy City coach yard, as Amtrak now has need for the storage tracks. The New York Avenue site, which is proximate to Washington Union Station, will be able to accommodate additional VRE trains.	Development	\$ 89,666,508.00	VRE is coordinating with Amtrak on design support agreements, which will be necessary to proceed to final design stage. (July 2022) Reviewing letter of intent with Amtrak which should tee up forthcoming design support agreement. (June 2022)
Potomac Shores Station	This new station, in a master-planned community in Prince William County, is being funded, designed, and constructed by the developer of Potomac Shores in consultation with VRE and other stakeholders. The station will be just a short walk from the town center. A new side platform will be constructed which is designed to be converted into an island platform in the future when the 3rd track is added to corridor operations.	Final Design	\$ -	VPRA, CSX, and VRE comments being incorporated into final 100% plans for pre-final review cycle. Geotech concerns and excess spoil disposal driving design option investigation. (June & July 2022)

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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	\$ 23,973,061.00	Retaining wall H pile installation complete. Soil nail wall to start this month. Mat slab 2 and 1 in process. Structural steel for towers being installed. (Juy 2022) Retaining wall H pile installation continues. Mat slab 3 complete. Mat slab 2 and 1 forthcoming. Platform Installation forthcoming. (June 2022)
Rippon Station Improvements	Extend existing platform with a second pedestrian overpass.	Development	\$ 16,634,794.00	VRE has reengaged this project and returned it to the CIP budget for future years. Project schedule updates pending input from various stakeholders. (June & July 2022)
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	Final site work in progress. Existing platform repairs are ongoing (July 2022) New platform nearing completion. Existing platform repairs ongoing (June 2022)

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



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