

CEO REPORT

APRIL 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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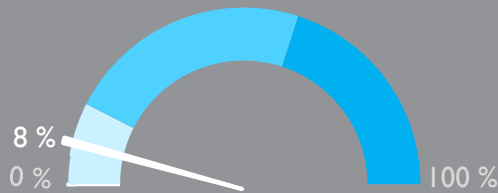
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VIRGINIA RAILWAY EXPRESS
A better way. A better life.

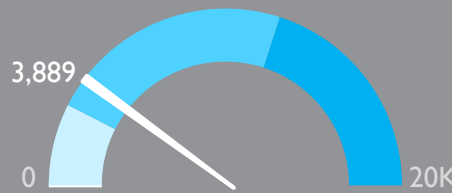


PERFORMANCE AT A GLANCE



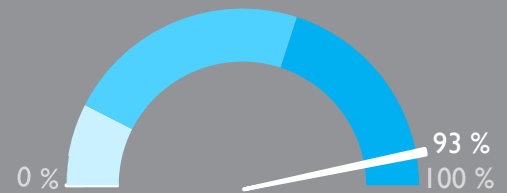
PARKING
UTILIZATION

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



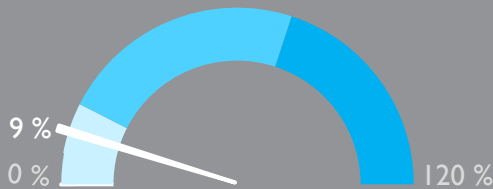
AVERAGE DAILY
RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings and reduced, "S" schedule, service.
Same month, previous year: 1,379



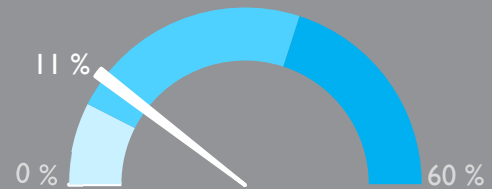
ON-TIME
PERFORMANCE

Percent of trains arriving at their destination within 5 minutes of the schedule.
Same month, previous year: 93%



SYSTEM CAPACITY

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



OPERATING RATIO

Through February 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%

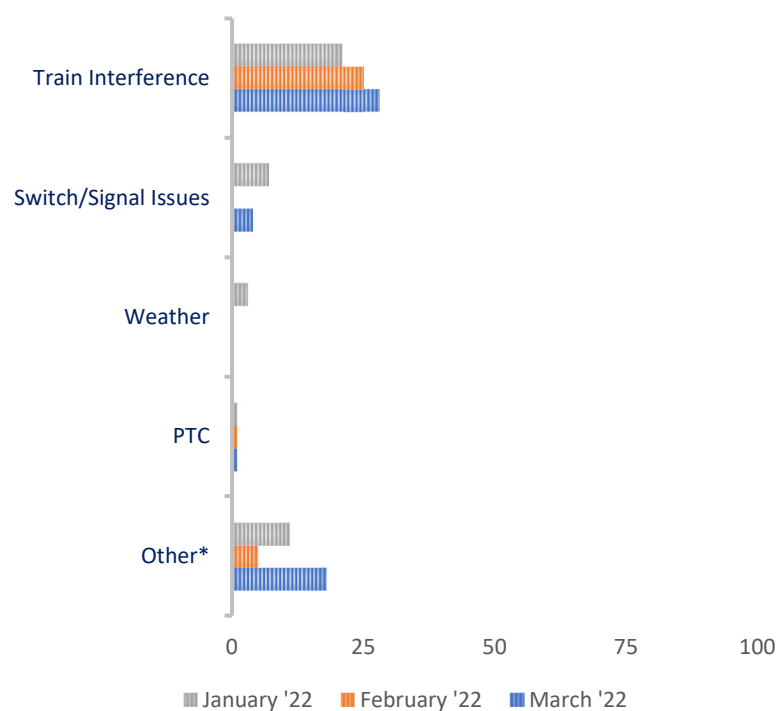
March 2022

ON-TIME PERFORMANCE

OUR RECORD

	March 2022	February 2022	March 2021
Manassas Line	92%	91%	93%
Fredericksburg Line	94%	98%	93%
Systemwide	93%	95%	93%

PRIMARY REASON FOR DELAY



VRE operated 736 trains in March. The on-time rate was 93 percent.

Fifty-one trains arrived more than 5 minutes late to their final destinations. Of those late trains, 28 were on the Manassas Line (55 percent), and 23 were on the Fredericksburg Line (45 percent).

Slow orders and congestion due to crews working on the right of way attributed to the upturn in delays in “Other,” but “Train Interference” continued to be the most common cause for delay.

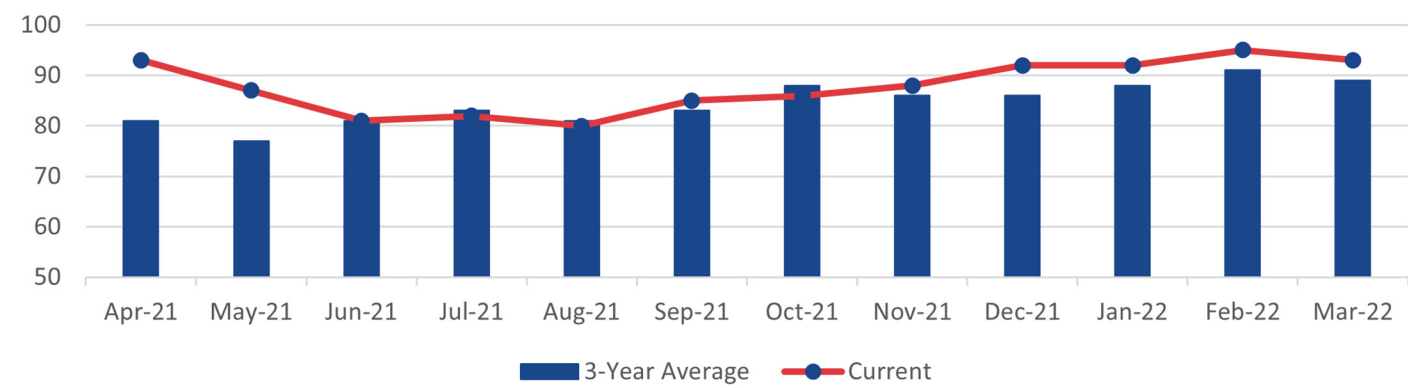
*Includes trains that were delayed due to operational testing and passenger handling.

LATE TRAINS

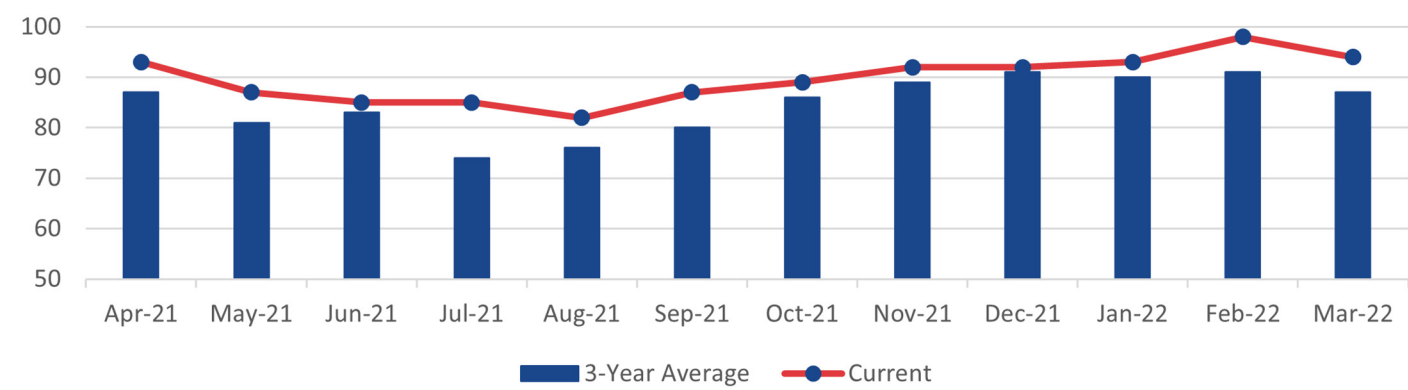
	System Wide			Fredericksburg Line			Manassas Line		
	Jan.	Feb.	Mar.	Jan.	Feb.	Mar.	Jan.	Feb.	Mar.
Total late trains	43	31	51	18	5	23	25	26	28
Average minutes late	22	12	13	21	14	13	22	12	13
Number over 30 minutes	9	2	3	4	0	1	5	2	2
Heat restrictions	0	0	0	0	0	0	0	0	0

ON-TIME PERFORMANCE

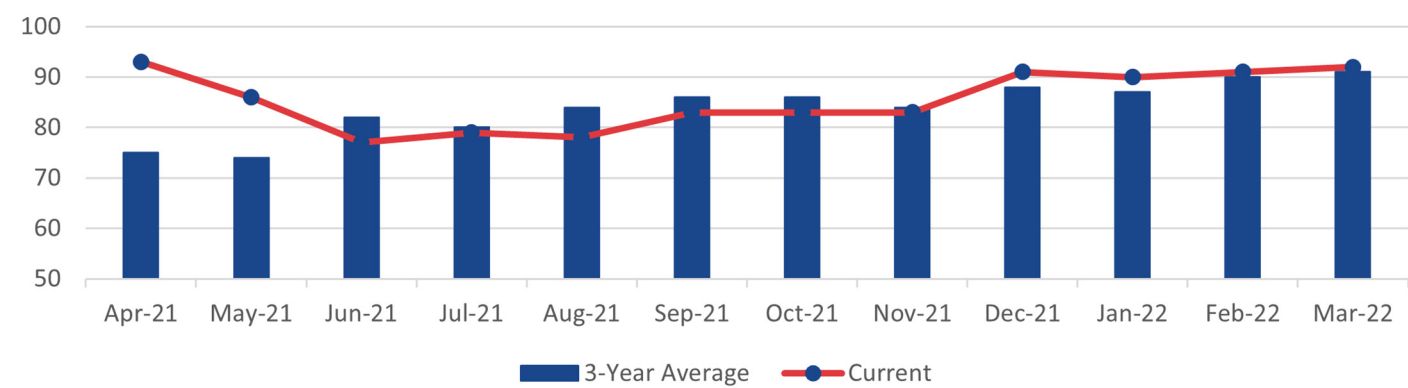
VRE SYSTEM



FREDERICKSBURG LINE

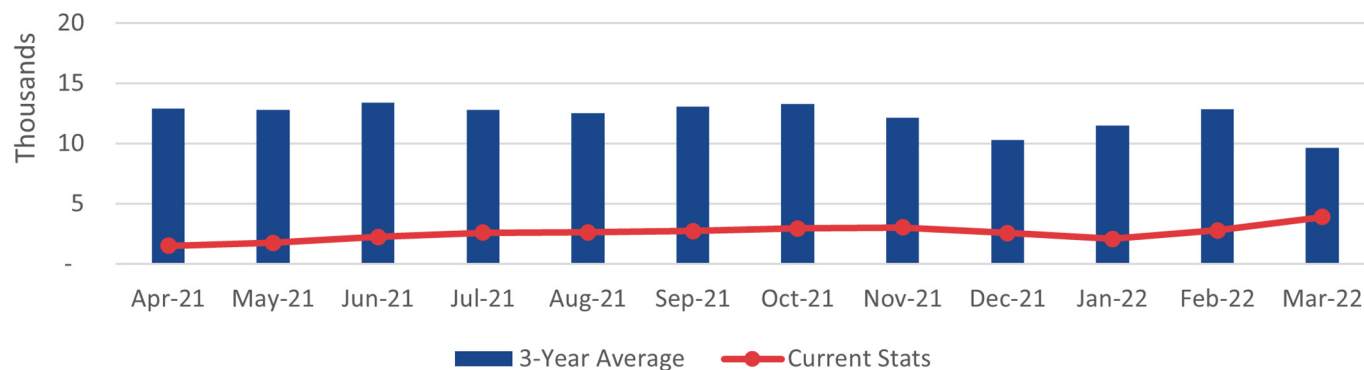


MANASSAS LINE

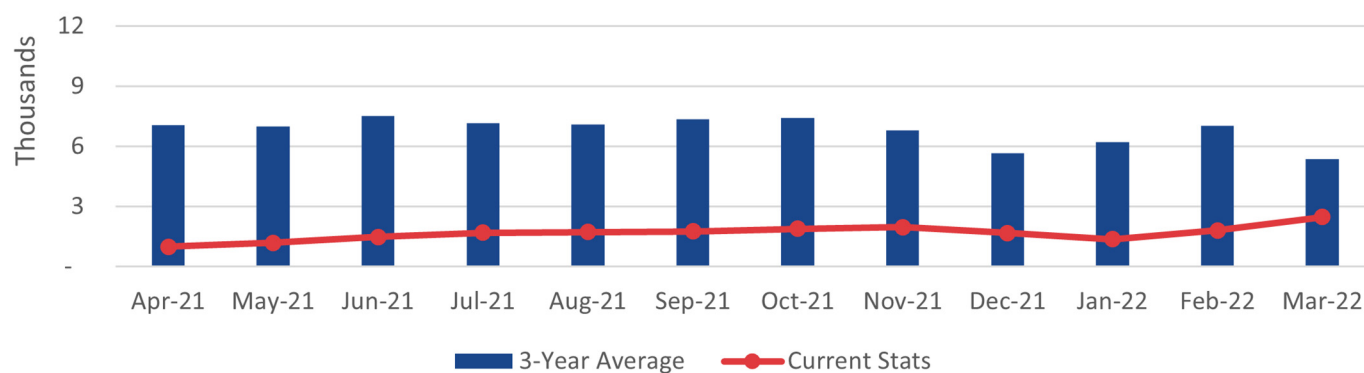


AVERAGE DAILY RIDERSHIP

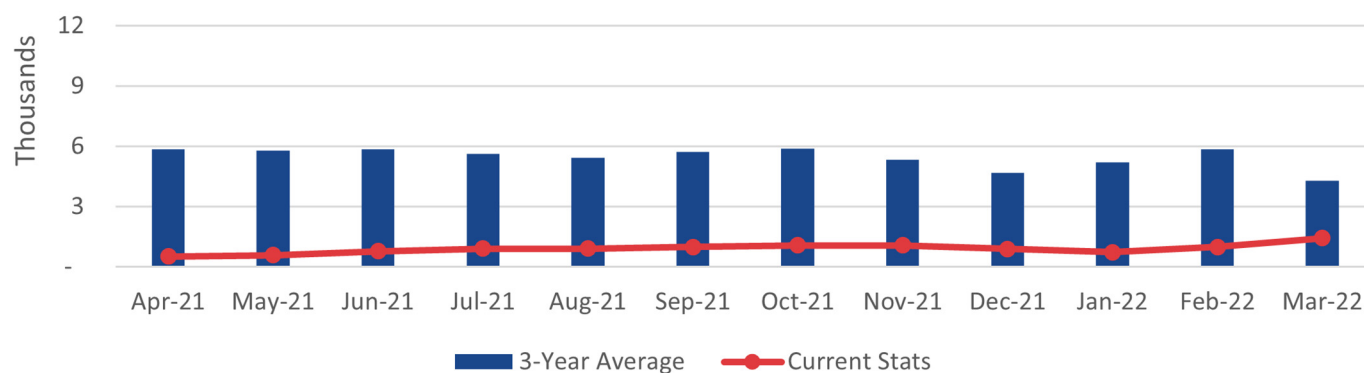
VRE SYSTEM



FREDERICKSBURG LINE



MANASSAS LINE



RIDERSHIP UPDATES

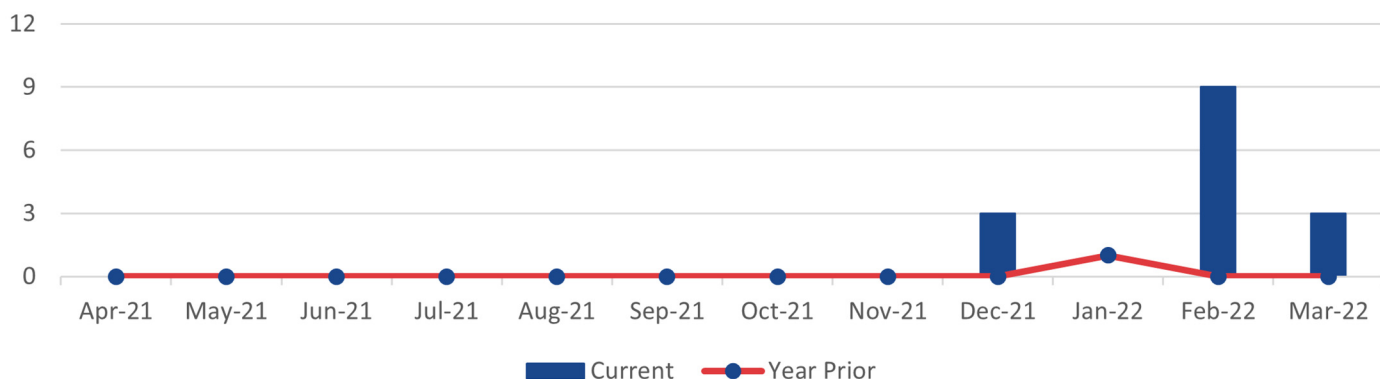
Average daily ridership in March was 3,889.
There were 23 service days.

Ridership in March continued to trend upward, month over month. Our peak day came on March 30th, when we registered 4,871 passengers. For the month, ridership was just short of 90,000.

	March 2022	February 2022	March 2021
Monthly Ridership	89,455	52,916	31,714
Average Daily Ridership	3,889	2,785	1,379
Full Service Days	23	19	0
"S" Service Days	0	0	23

SUMMONSES ISSUED

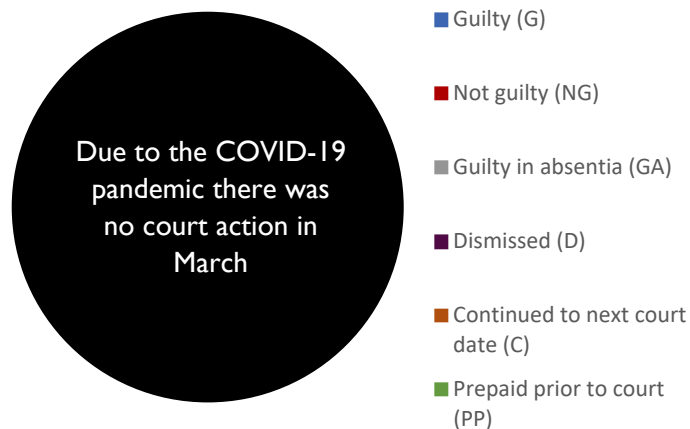
VRE SYSTEM



SUMMONSES WAIVED OUTSIDE OF COURT

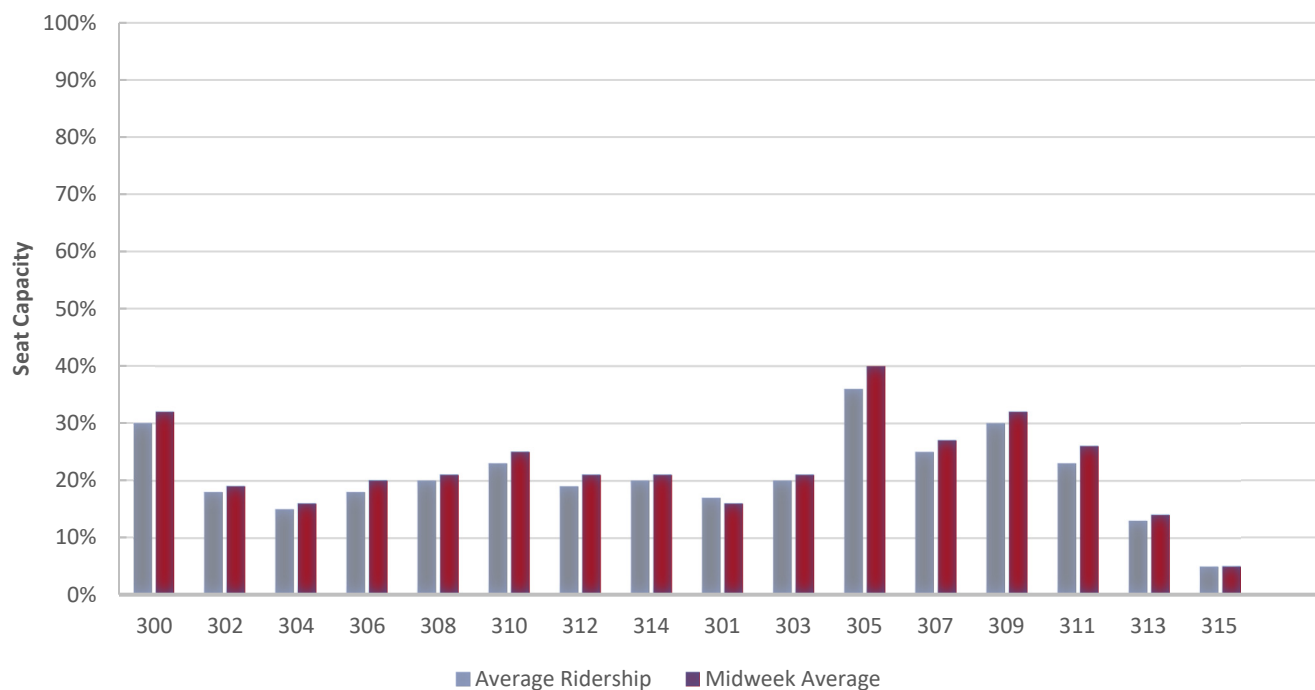
Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	0
One-time courtesy	0
Per the request of the conductor	0
Defective ticket	0
Per ops manager	0
Unique circumstances	0
Insufficient information	0
Lost and found ticket	0
Other	0
Total Waived	0

MONTHLY SUMMONSES COURT ACTION

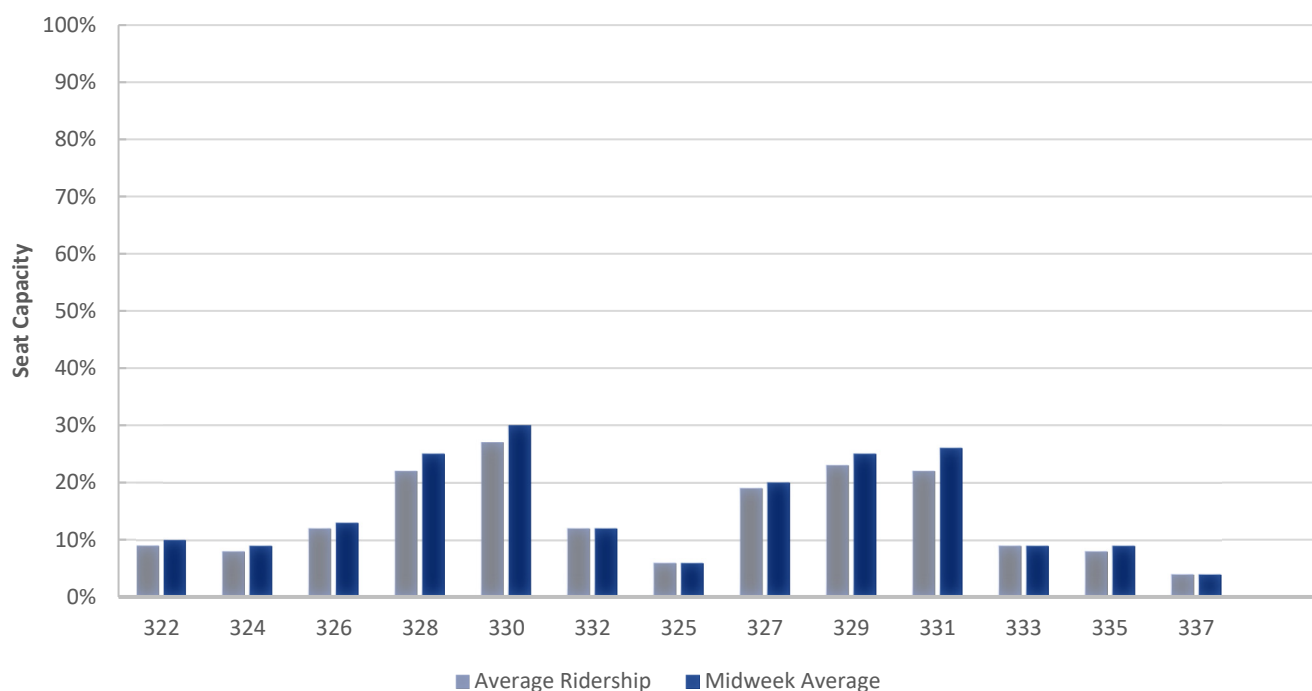


TRAIN UTILIZATION

FREDERICKSBURG LINE

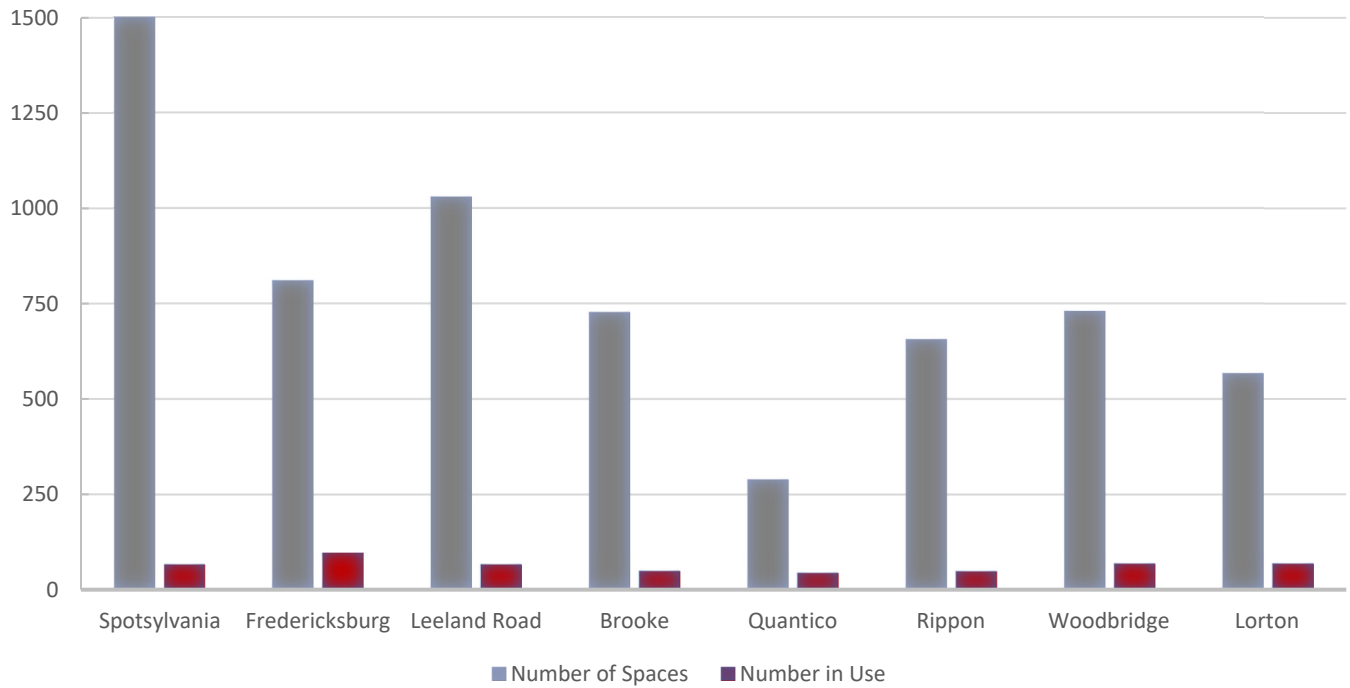


MANASSAS LINE

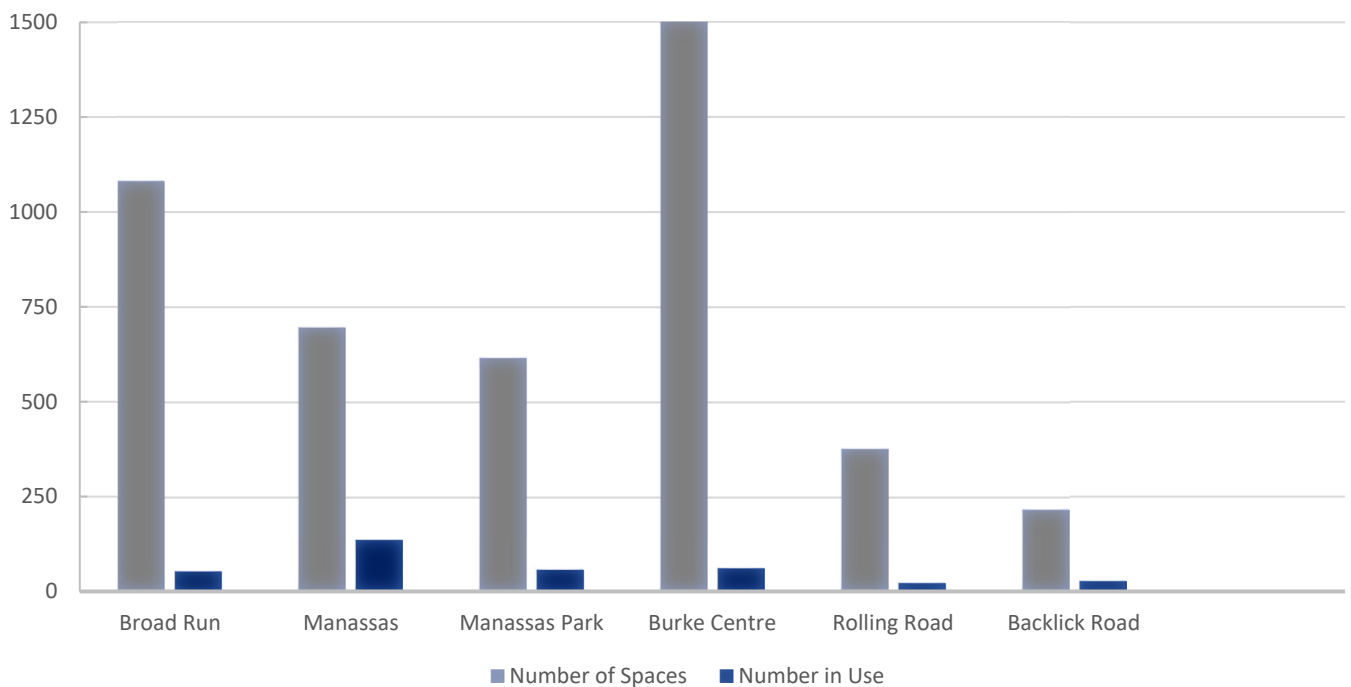


PARKING UTILIZATION

FREDERICKSBURG LINE



MANASSAS LINE



FACILITIES UPDATE

Completed projects:

1. Replacement of vertical blinds with window shades at Alexandria HQ
2. Replacement of timber pedestrian crossing at Leeland Road station, following CSX rail replacement work
3. Repair of sidewalk foundation at Leeland Road station
4. Placement of drainage stone at Broad Run MASF pipe outfall



Replacement of timber crossing



Placement of drainage stone

Projects scheduled to be completed this quarter:

1. Replacement of existing west platform and canopy lighting with LED lighting at Woodbridge station
2. Replacement of windscreen plexiglass panels at Rippon station
3. Overhaul of emergency generators at Fredericksburg office and Alexandria HQ
4. Installation of VRE station-themed wall graphics in Alexandria headquarters elevator lobby
5. Installation of air purifiers at Alexandria headquarters, Fredericksburg office, and Crossroads MASF and Broad Run MASF buildings
6. Issuance of purchase order for waste and recycling receptacles for station platforms
7. Installation of additional bicycle parking at various stations

Projects scheduled to be initiated this quarter:

1. Minor structural concrete repairs at Woodbridge station parking garage, pending permit issuance
2. Modernization of east elevator at Woodbridge station
3. Minor structural concrete bridge repairs at Rippon and Brooke stations
4. Replacement of existing lighting with LED lighting at Fredericksburg Lot G
5. Replacement of fluorescent lighting with LED lighting at Fredericksburg office
6. Fabrication of pathfinder signage for Fredericksburg and Spotsylvania stations
7. Repair of platform sealer delamination at Spotsylvania station
8. Repair of concrete stairs at Burke Centre station
9. Replacement of existing lighting with LED lighting at Manassas Park station
10. Replacement of existing lighting with LED lighting at Manassas station parking garage
11. Painting of various stations

Ongoing projects:

1. Procurement of construction contract for L'Enfant Station Waiting Area, pending permit issuance
2. Overhaul of emergency generators at Woodbridge and Manassas stations, Alexandria headquarters and Fredericksburg office
3. Replacement of existing yard lighting with LED lighting at Crossroads MASF and Broad Run MASF

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. Passenger car wheelchair lift assemblies
6. Purchase of LED light fixtures
7. Variable Messaging System replacement
8. Tactile strip replacements
9. Construction Manager / General Contractor for the Alexandria Station improvements project
10. Broad Run and Crossroads security camera system power and network infrastructure upgrade

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 the City of Alexandria. (Mar. & Apr. 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 continues. Fieldwork progressing. Geotechnical borings ongoing (Apr. 2022) 30% redesign in progress. Fieldwork progressing. Boring to start 3/7/22 (Mar. 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. (Mar. & Apr. 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	SMART SCALE funding for this project is allocated in FY 2022 and 2023. A funding ageement is pending. (Mar.& Apr. 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	Met with CC2DCA to discuss station details and how their alternative 7D would interact with our design. (Apr. 2022) Final design efforts are underway as package advances toward the 60% deliverable. (Mar. 2022)
Facilities Design Guidelines Update	Update to the 2019 VRE Facility Design Guidelines.	Final Design	\$ 80,000.00	Comments on draft drawing sent to HDR to address in next update (Apr. 2022). Finalizing internal draft package reviews with intent to return to consultant later this month (Mar. 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	In process of issuing a task order to design a pedestrian tunnel. (Mar. & Apr. 2022)

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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.	Final Design	\$ 3,000,000.00	Invitation for bids package complete; finalizing agreements. (Mar. & Apr. 2022)
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	Replacement of existing light fixtures with new LED light fixtures completed (Apr. 2022) LED fixture replacement complete but for two emergency fixtures. Completion expected by 3/11/22 (Mar. 2022)
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	\$ 5,519,178.00	The project is funded through Virginia SMART SCALE. Funding is allocated for FY20 and 22. A funding agreement is pending. (Mar. & Apr. 2022)
Leeland Road Station Improvements	Design and construction of a platform extension to accommodate full-length VRE trains.	Development	\$ 6,736,091.00	VRE has reengaged this project and returned it to the CIP budget for future years. Project schedule updates pending input from various stakeholders. (Mar. & Apr. 2022)
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	Paid plan review fees for District DOEE sediment control and stormwater permit applications. (Apr. 2022) Processing plan review fees for District DOEE sediment control and stormwater permit applications. (Mar. 2022)
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	\$ 79,980,000.00	A property boundary and topographical survey is underway. Alternatives analysis and concept design to define a preferred alternative initiated. (Mar. & Apr. 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	Subgrade concrete work on drop table through pit and stairs along with wheel truing machine pit nearing completion. Site permit amendment approval expected within weeks. (Apr. 2022) Deep foundations have been constructed, waterproofed and backfilled. Work has progressed to building perimeter foundations. Steel building materials have arrived on site. (Mar. 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	Site plan second submission made to the city. Building plan review initiated (Apr. 2022) Site plan comments received from the city. Building plan review scheduled for March 11. (Mar. 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. (Mar. & Apr. 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	Amtrak permit renewal received which includes expanded areas of survey in Ivy City Coach Yard (Apr. 2022) Renewing access permits with Amtrak to allow for more field work as part of preliminary design efforts. (Mar. 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	\$ -	CSX and VRE comments being incorporated into final 100% plans for final construction docs for final review/comments cycle (Apr. 2022) Coordination with CSX final design comments and responses continuing along with Prince William County permit resubmissions. (Mar. 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 started. Platform installation proceeding at all three towers. Island platform drainage installation and canopy footings proceeding. (Apr. 2022) Elevator pits and foundations under construction (Mar. 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. (Mar. & Apr. 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	Stair #1 has been installed. Waiting on handrails to open the stairs. New canopy steel is installed. New light poles being installed (Apr. 2022) Contractor replacing stair #1 and continue installing electrical conduits. (Mar. 2022)

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



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