

CEO REPORT

DECEMBER 2021



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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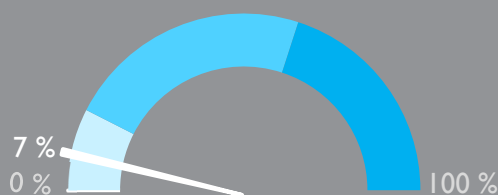
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VIRGINIA RAILWAY EXPRESS
A better way. A better life.

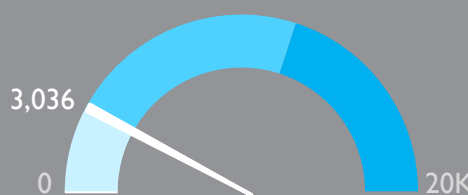


PERFORMANCE AT A GLANCE



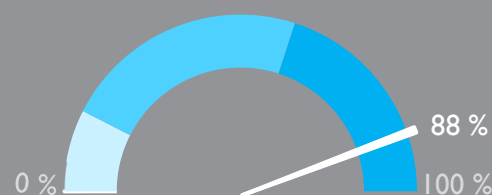
PARKING UTILIZATION

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



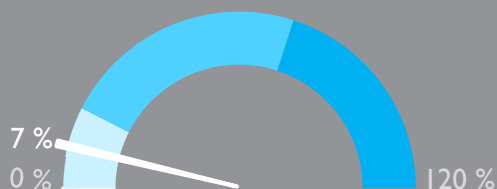
AVERAGE DAILY RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings and reduced, "S" schedule, service.
Same month, previous year: 1,291



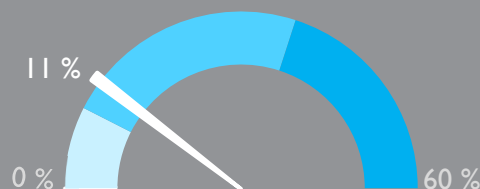
ON-TIME PERFORMANCE

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 October 2021

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%

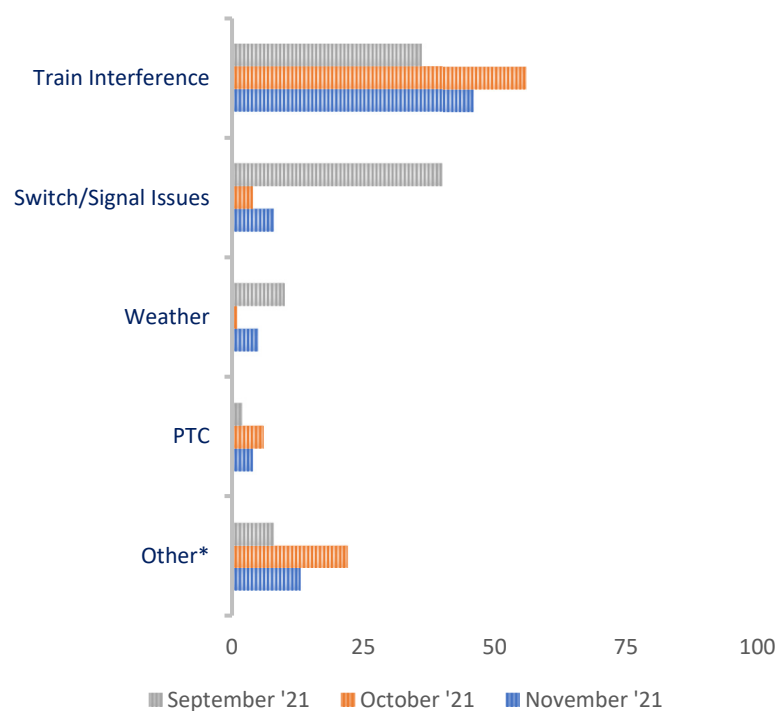
November 2021

ON-TIME PERFORMANCE

OUR RECORD

	November 2021	October 2021	November 2020
Manassas Line	83%	83%	94%
Fredericksburg Line	92%	89%	92%
Systemwide	88%	86%	93%

PRIMARY REASON FOR DELAY



VRE operated 608 trains in November. The on-time rate for November was 88 percent.

Seventy-six trains arrived more than 5 minutes late to their final destinations. Of those late trains, 52 were on the Manassas Line (68 percent), and 24 were on the Fredericksburg Line (32 percent).

Train Interference continues to be the main challenge to meeting our OTP goal.

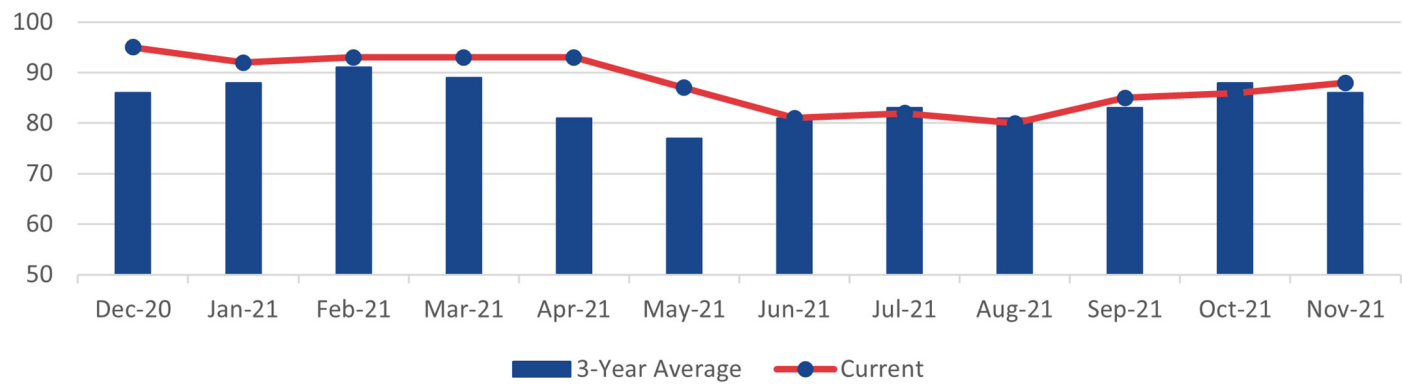
*Includes trains that were delayed due to operational testing and passenger handling.

LATE TRAINS

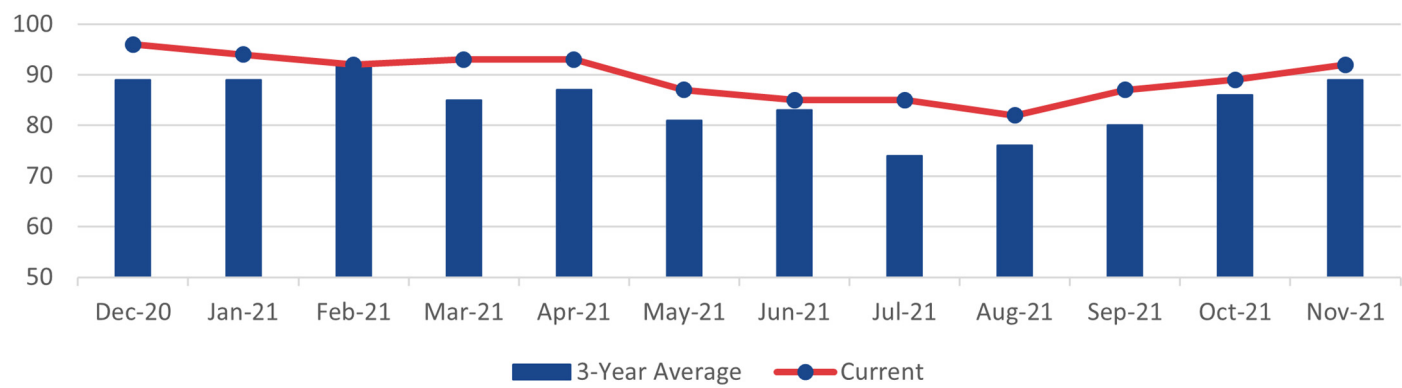
	System Wide			Fredericksburg Line			Manassas Line		
	Sept.	Oct.	Nov.	Sept.	Oct.	Nov.	Sept.	Oct.	Nov.
Total late trains	96	89	76	42	36	24	54	53	52
Average minutes late	14	25	12	13	27	12	14	24	11
Number over 30 minutes	2	23	3	1	10	2	1	13	1
Heat restrictions	0	0	0	0	0	0	0	0	0

ON-TIME PERFORMANCE

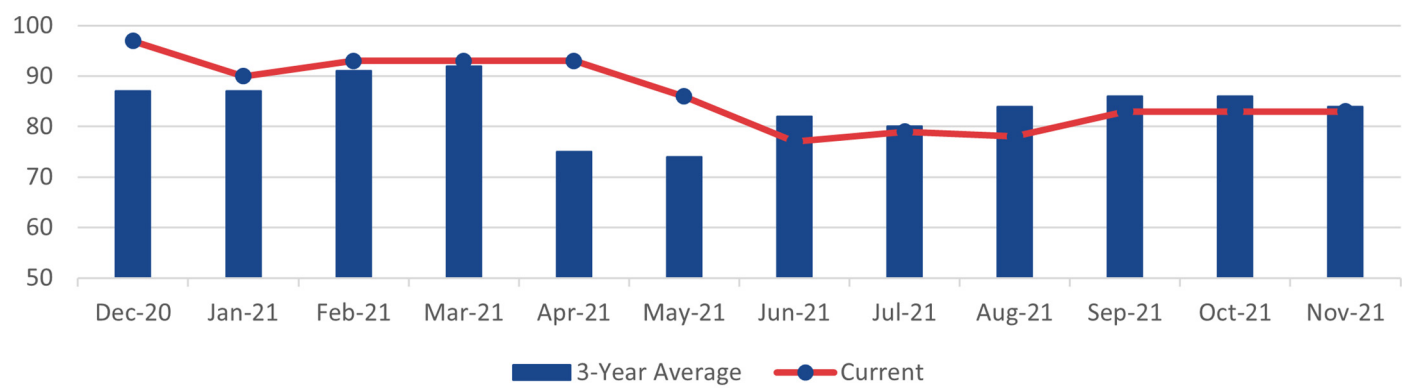
VRE SYSTEM



FREDERICKSBURG LINE

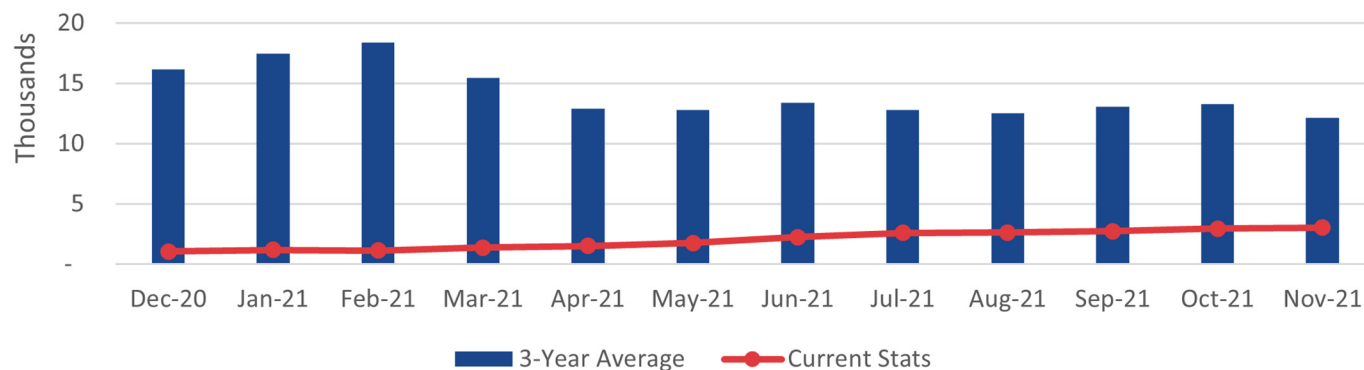


MANASSAS LINE

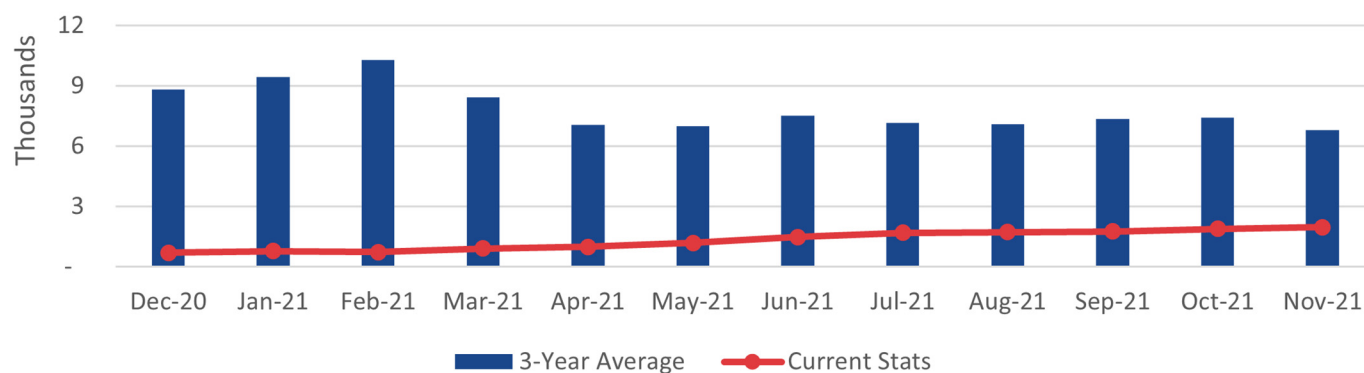


AVERAGE DAILY RIDERSHIP

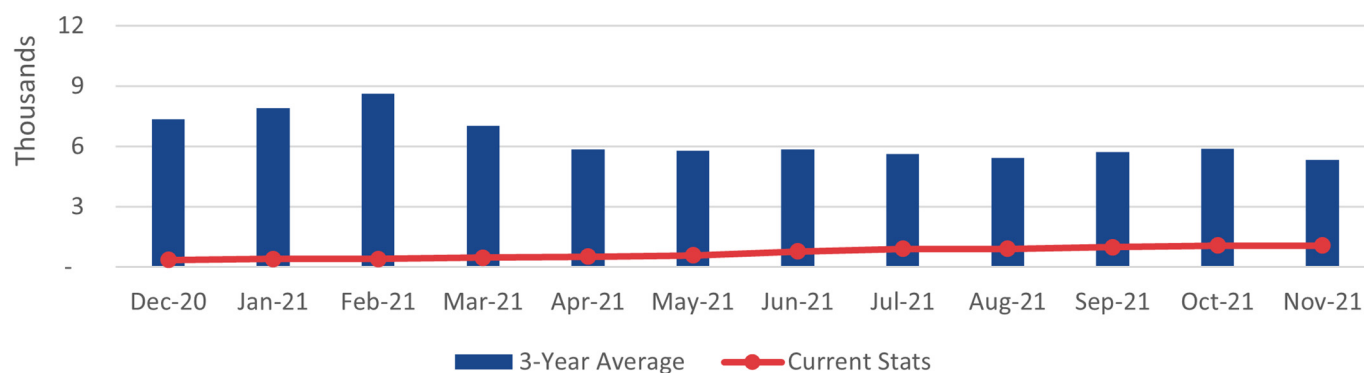
VRE SYSTEM



FREDERICKSBURG LINE



MANASSAS LINE



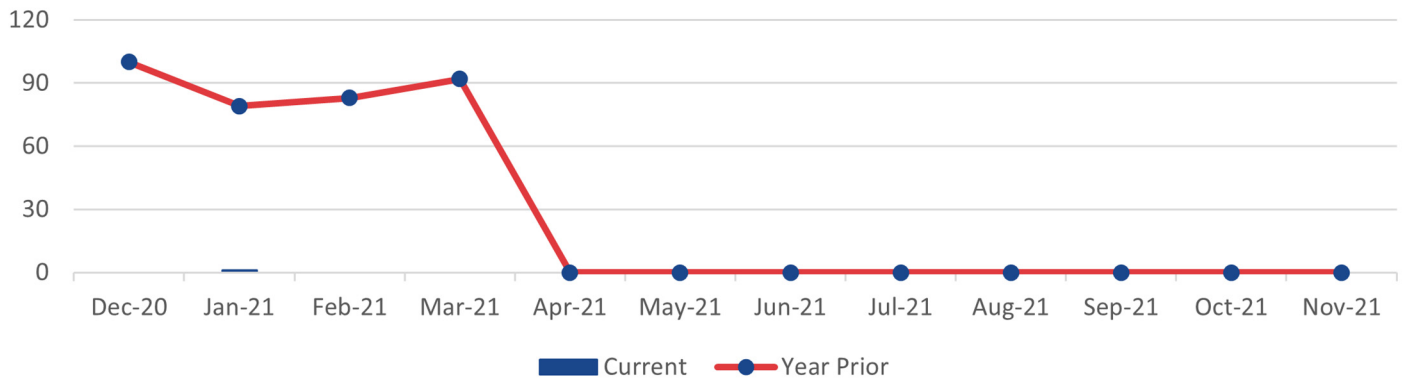
RIDERSHIP UPDATES

Average daily ridership in November was 3,036. During November, we ran a full-service schedule with 32 trains daily.

	November 2021	October 2021	November 2020
Monthly Ridership	57,688	58,989	23,242
Average Daily Ridership	3,036	2,949	1,291
Full Service Days	19	20	18
"S" Service Days	0	0	0

SUMMONSES ISSUED

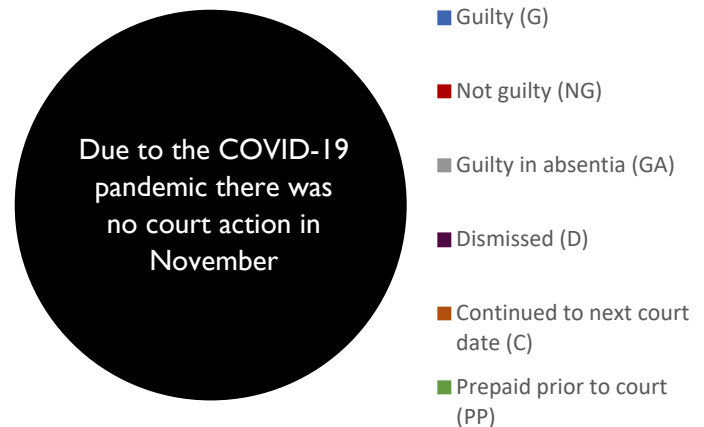
VRE SYSTEM



SUMMONSES WAIVED OUTSIDE OF COURT

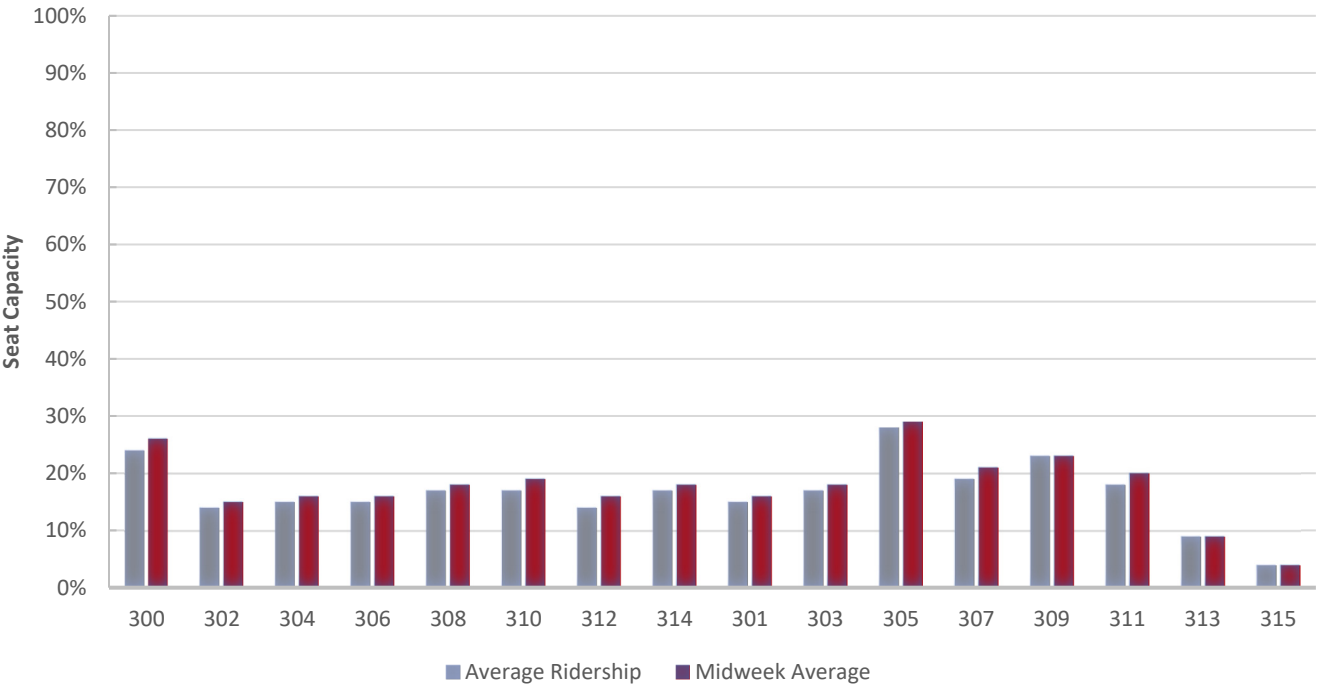
Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	0
One-time courtesy	0
Per the request of the conductor	0
Defective ticket	0
Per ops manager	0
Unique circumstances	0
Insufficient information	0
Lost and found ticket	0
Other	0
Total Waived	0

MONTHLY SUMMONSES COURT ACTION

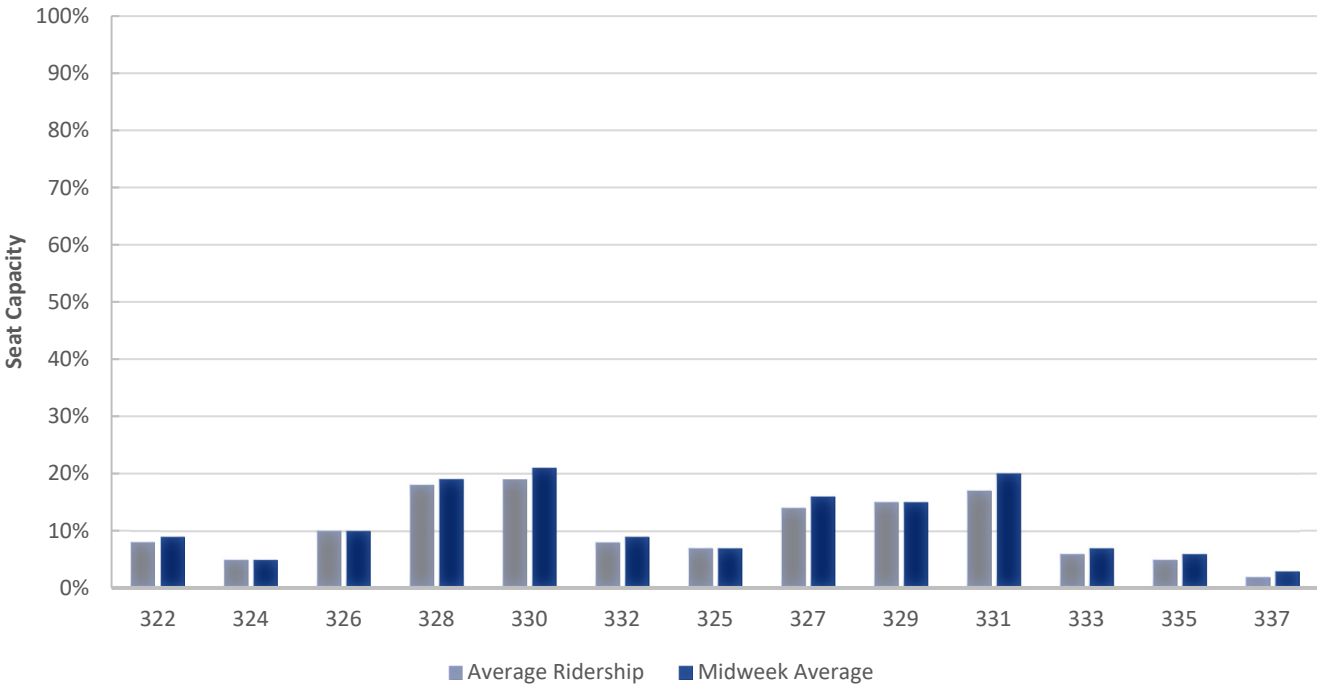


TRAIN UTILIZATION

FREDERICKSBURG LINE

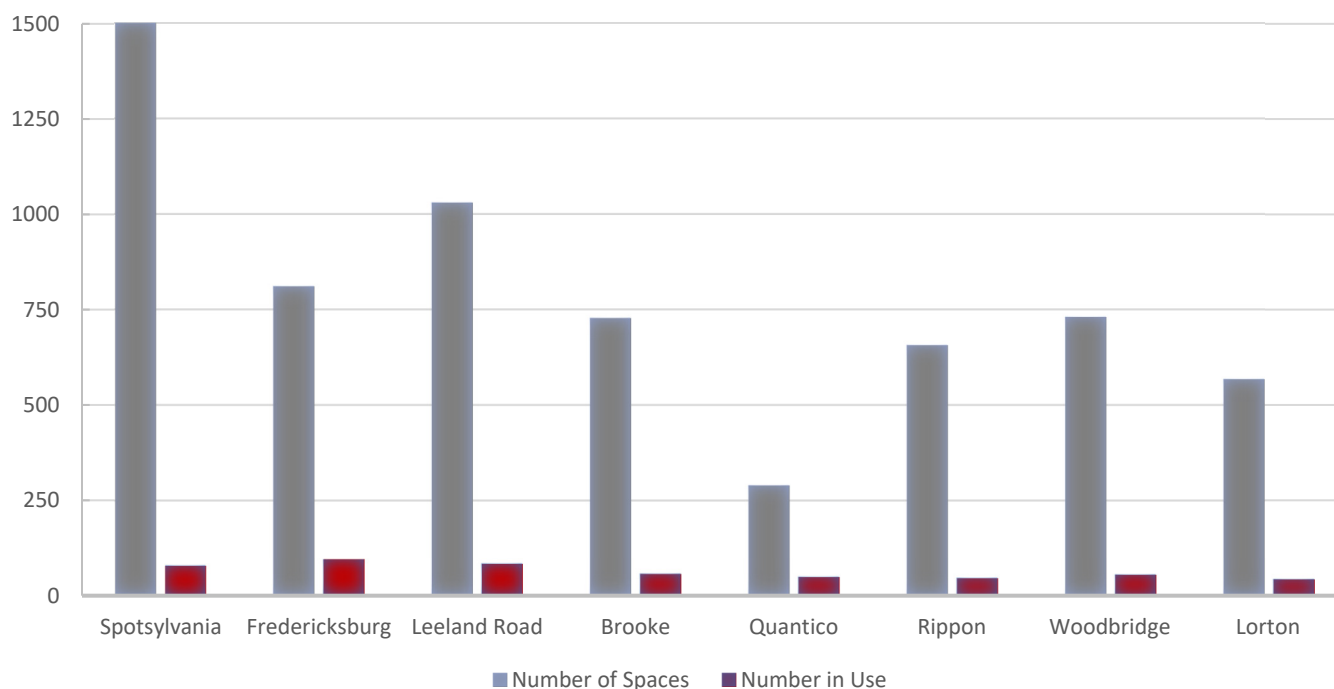


MANASSAS LINE

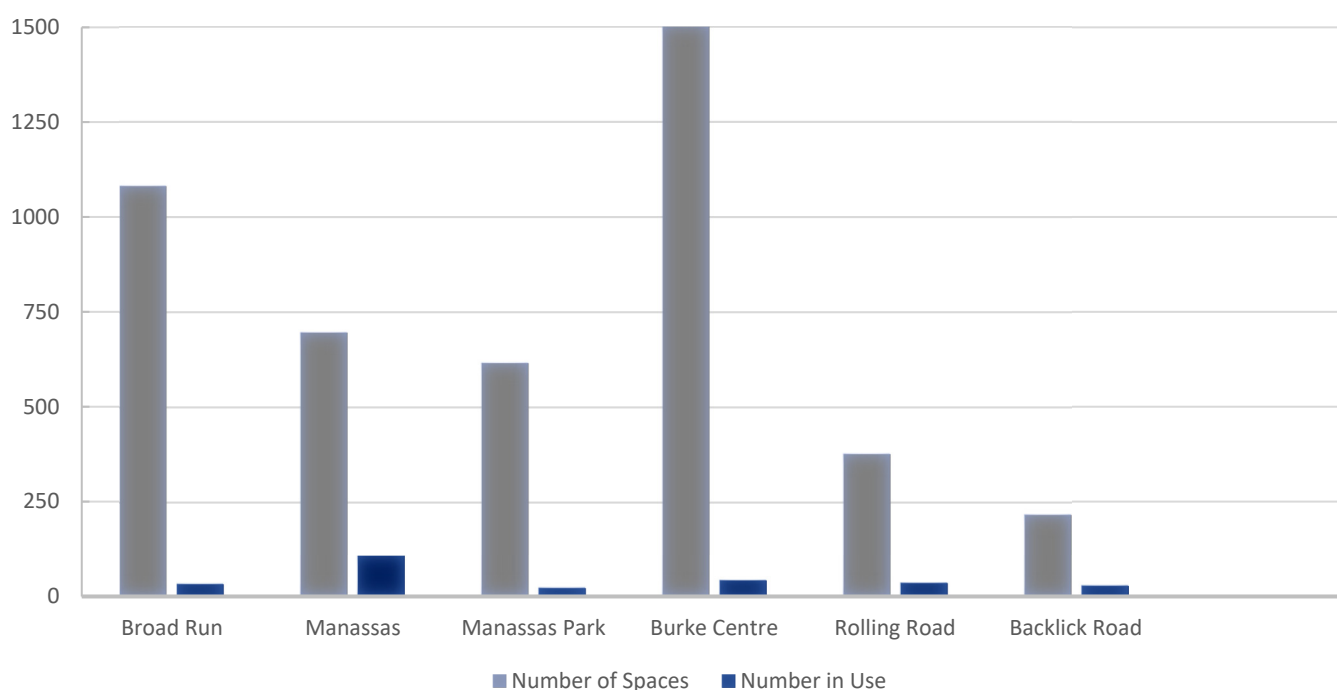


PARKING UTILIZATION

FREDERICKSBURG LINE



MANASSAS LINE



FACILITIES UPDATE

The following is a status update of VRE facilities projects.

Completed projects:

1. Painting of Franconia-Springfield station
2. Testing of dry standpipes at Woodbridge and Manassas station parking garages
3. Painting of stairwells, railings and platform steel at Manassas station parking garage
4. Overhaul of emergency generator at Manassas station parking garage
5. Installation of cubicle furniture at Alexandria headquarters
6. Cleaning of HVAC ductwork at Alexandria headquarters



Installation of cubicle furniture at Alexandria headquarters



Temporary emergency generator at the Fredericksburg office

Projects scheduled to be completed this quarter:

1. Design of waiting area at L'Enfant station
2. Replacement of existing west platform and canopy lighting with LED lighting at Woodbridge station
3. Replacement of fluorescent lighting with LED lighting at Alexandria headquarters and Fredericksburg office
4. Replacement of ceiling tiles at Alexandria headquarters Suite 201
5. Replacement of vertical blinds with window shades at Alexandria headquarters
6. Delivery of air purifiers at Alexandria headquarters, Fredericksburg office, Crossroads MASF buildings and Broad Run MASF buildings

Projects scheduled to be initiated this quarter:

1. Submission of IFB package for waiting area at L'Enfant station
2. Minor structural concrete repairs at Woodbridge station parking garage
3. Modernization of east elevator at Woodbridge station
4. Minor structural concrete bridge repairs at Rippon and Brooke stations
5. Repair of platform sealer delamination at Spotsylvania station
6. Repair of concrete stairs at Burke Centre station
7. Replacement of existing lighting with LED lighting at Manassas station parking garage

8. Replacement of existing yard lighting with LED lighting at Crossroads MASF and Broad Run MASF
9. Overhaul of emergency generator at Fredericksburg office
10. Issuance of general signage services request for quotes

Ongoing projects:

1. Overhaul of emergency generators at Woodbridge and Manassas stations, Alexandria headquarters and Fredericksburg office
2. Procurement of waste and recycling receptacles for station platforms
3. Procurement of benches for station platforms
4. Procurement of contract for continued Roadway Worker Protection (RWP) railroad safety training services

UPCOMING PROCUREMENTS

1. Locomotive master controller
2. Renewal of locomotive head end power engine systems
3. Program management consulting services
4. Modernization of VRE Woodbridge Station east elevator
5. Forklift trucks
6. Passenger car wheelchair lift assemblies
7. Purchase of LED light fixtures
8. Variable messaging system replacement
9. Tactile strip replacements
10. Construction management services for Fredericksburg station platform rehabilitation
11. Construction of Fredericksburg station platform rehabilitation
12. Construction Manager / General Contractor for the Alexandria station improvements project
13. Broad Run and Crossroads security camera system power and network infrastructure upgrade

CAPITAL PROJECTS UPDATES

The following is a status update of VRE capital projects.

Completed projects or major project milestones:

1. Limited notice to proceed issued to Broad Run Expansion final design consultant
2. Construction initiated on Lifecycle Overhaul & Upgrade Facility (LOU) and Rolling Road and Quantico station improvements

Projects or project phases scheduled to be completed this quarter:

3. Manassas Park parking garage site plan submission to city
4. Potomac Shores station final design plans submitted to Prince William County for approval and permits

Ongoing projects:

5. Alexandria Station Improvements
6. Broad Run Expansion (BRX)
7. Brooke Station Improvements
8. Crossroads Maintenance and Storage Facility (MSF)
9. Crystal City Station Improvements
10. Franconia-Springfield Station Improvements
11. Fredericksburg Station Rehabilitation
12. Headquarters Office Renovation
13. Manassas Park Parking Improvements
14. Manassas Station Improvements
15. Lifecycle Overhaul & Upgrade Facility (LOU)
16. L'Enfant Track and Station Improvements
17. L'Enfant Station Waiting Area
18. Leeland Road Parking Improvements
19. Leeland Road Station Improvements
20. New York Avenue Midday Storage Facility
21. Potomac Shores VRE Station – *design by others*

DECEMBER 2021

- 22. Quantico Station Improvements
- 23. Rippon Station Improvements
- 24. Rolling Road Station Improvements

Projects Progress Report Follows

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, along with 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.
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. The MSF will be enlarged to store longer trains and additional equipment. That will require shifting the existing platform to the east and adding a pedestrian tunnel between the platform and the existing and proposed parking lots. A second, 600-space parking lot and third main track will also be constructed.	Final Design	\$ 137,230,000.00	Final design consultant Transystems received limited notice to proceed.
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
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.
Crystal City Station Improvements	Improved station access and service reliability will result from construction of a new, expanded 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 Ronald Reagan National Airport.	Development	\$ 50,114,624.00	Addressing final round of comments from FTA as we approach the close of the preliminary engineering phase.
Facilities Design Guidelines Update	Update to the 2019 VRE Facility Design Guidelines.	Final Design	\$ 80,000.00	Design guideline drawings being updated to incorporate preferred design elements from recent station projects.
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	VRE is performing an underground utility investigation for the pedestrian tunnel. The platform design is on hold pending tunnel investigation.

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	VRE continues to finalize the invitation-for-bids design package, while also developing draft agreements for the upcoming construction phase.
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	Initial task order work complete. Cubicle furniture delivered November 30.
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.
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.
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	Consultant continues preparation of draft specifications.
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.

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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	VRE continues to finalize the invitation-for-bids design package, while also developing draft agreements for the upcoming construction phase.
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	Initial task order work complete. Cubicle furniture delivered November 30.
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.
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.
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	Consultant continues preparation of draft specifications.
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.

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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	Jack and bore for island platform drainage was scheduled to begin 12/7/2021. Pits and corresponding shoring installed week ending 12/3/2021.
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.
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	Electrical work in progress.

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

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