

# CEO REPORT

## FEBRUARY 2020



# 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.





CEO REPORT | FEBRUARY 2020

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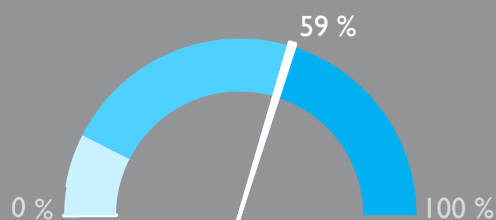
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VIRGINIA RAILWAY EXPRESS  
A better way. A better life.

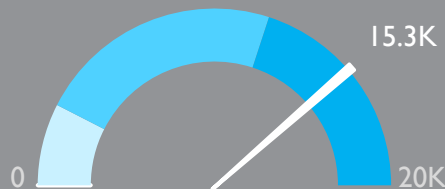


# SUCCESS AT A GLANCE



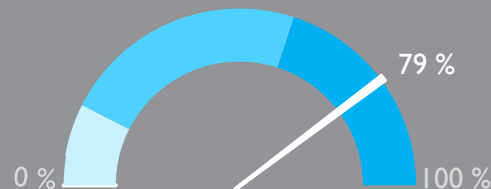
PARKING  
UTILIZATION

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



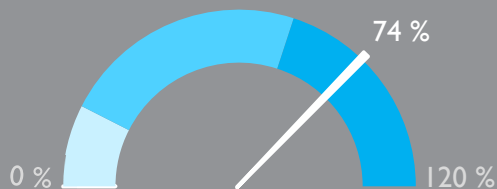
AVERAGE DAILY  
RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings but excluding "S" schedule operating days.  
Same month, previous year: 14,524



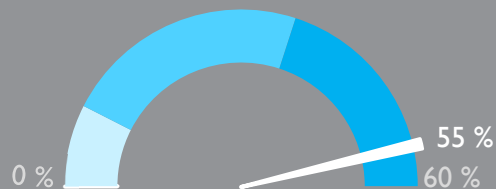
ON-TIME  
PERFORMANCE

Percentage of trains that arrive at their destination within five minutes of the schedule.  
Same month, previous year: 87%



SYSTEM CAPACITY

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



OPERATING RATIO

The monthly operating revenues divided by the monthly operating expenses, which depicts the percent of operating costs paid by the riders.  
Board-established goal: 52%

December 2019

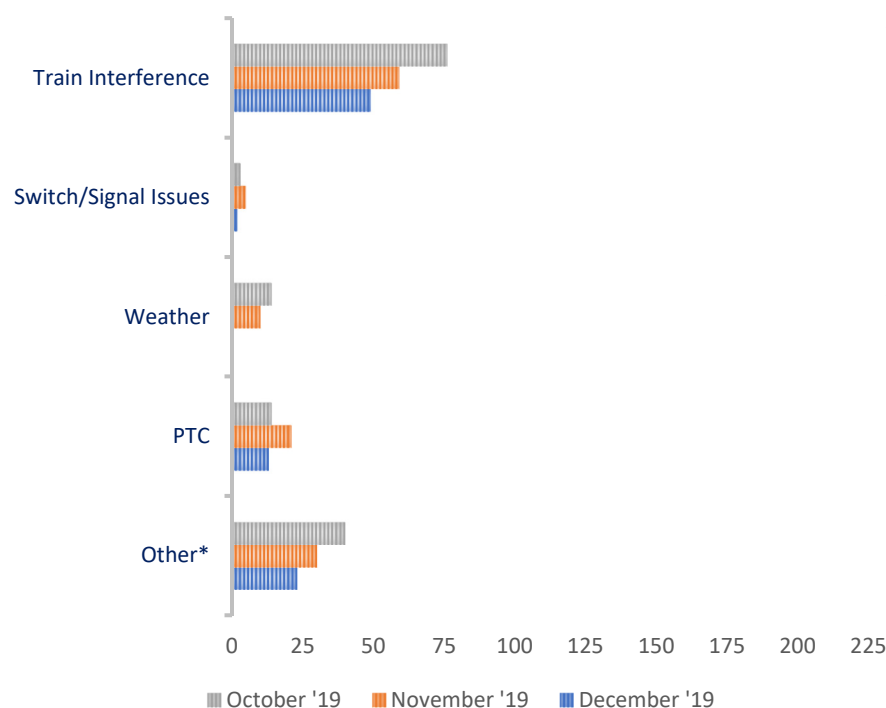


# ON-TIME PERFORMANCE

## OUR RECORD

	December 2019	November 2019	December 2018
Manassas Line	80%	75%	88%
Fredericksburg Line	90%	83%	86%
System Wide	85%	79%	87%

## PRIMARY REASON FOR DELAY



VRE operated 592 trains in December. Our on-time rate for December was 85 percent.

Eighty-seven trains arrived more than five minutes late to their final destinations. Of those late trains, 58 were on the Manassas Line (67 percent), and 29 were on the Fredericksburg Line (33 percent).

At 85 percent, systemwide on-time performance showed improvement. Delay totals in each category fell from November's numbers. Both lines did better than the month prior. Train interference remains the leading cause of delays.

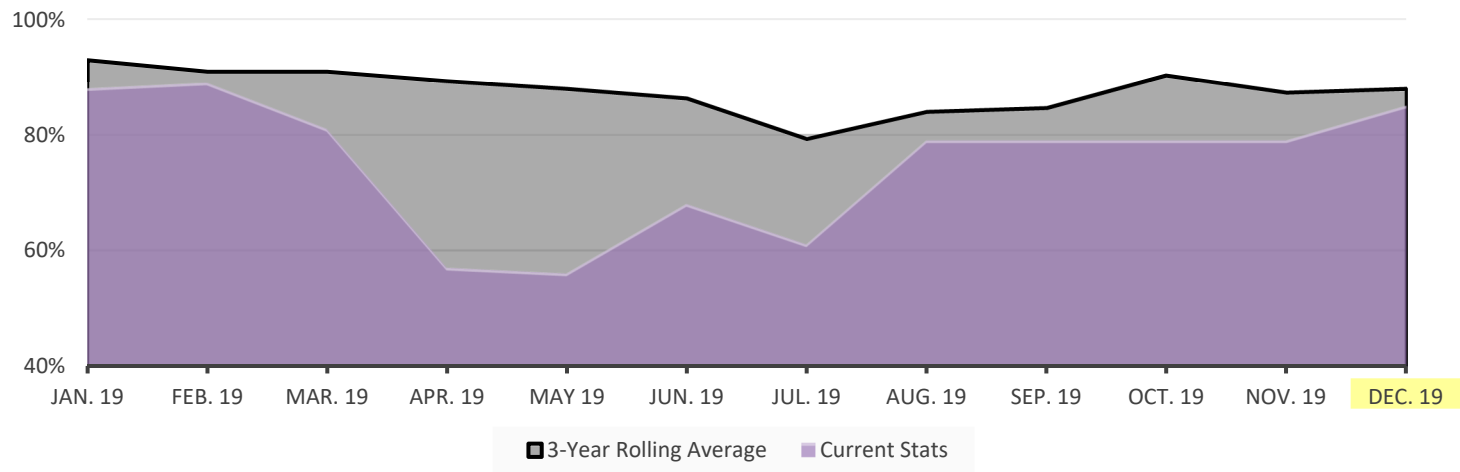
\*Includes trains that were delayed due to operational testing and passenger handling.

## LATE TRAINS

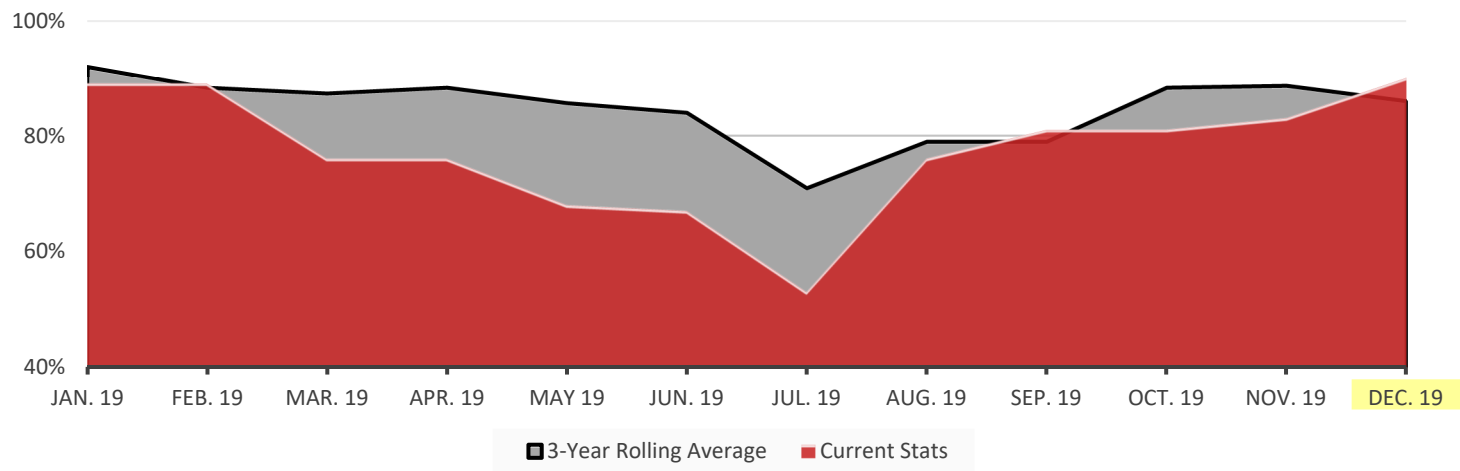
	System Wide			Fredericksburg Line			Manassas Line		
	Oct.	Nov.	Dec.	Oct.	Nov.	Dec.	Oct.	Nov.	Dec.
Total late trains	147	125	87	66	51	29	81	74	58
Average minutes late	14	15	18	15	12	22	14	17	16
Number over 30 minutes	9	6	7	7	1	3	2	5	4
Heat restrictions	3	0	0	3	0	0			

ON-TIME PERFORMANCE

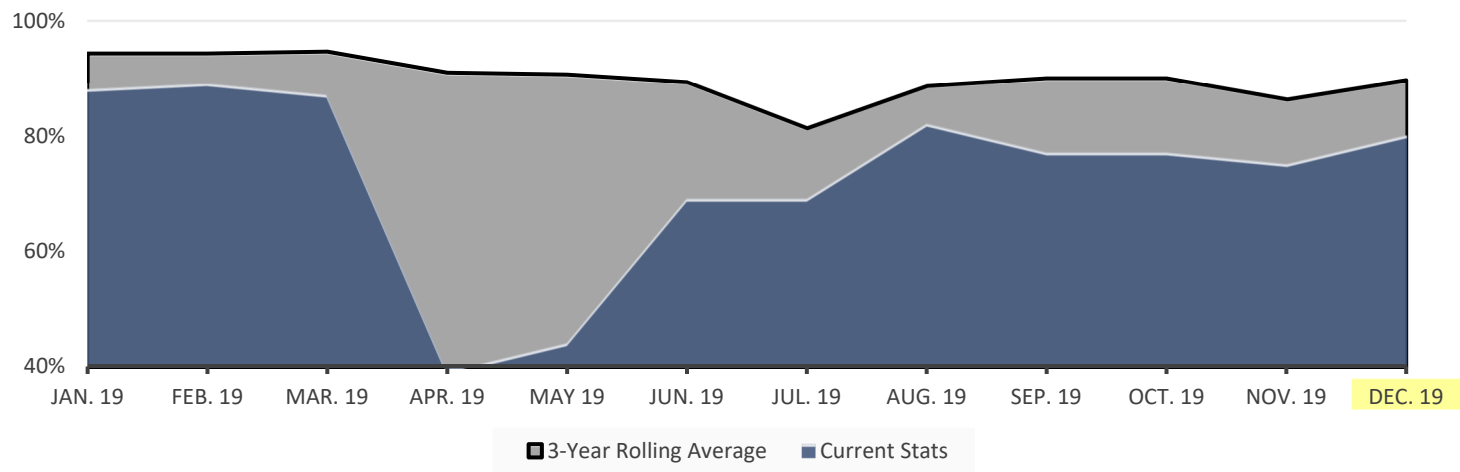
VRE SYSTEM



FREDERICKSBURG LINE

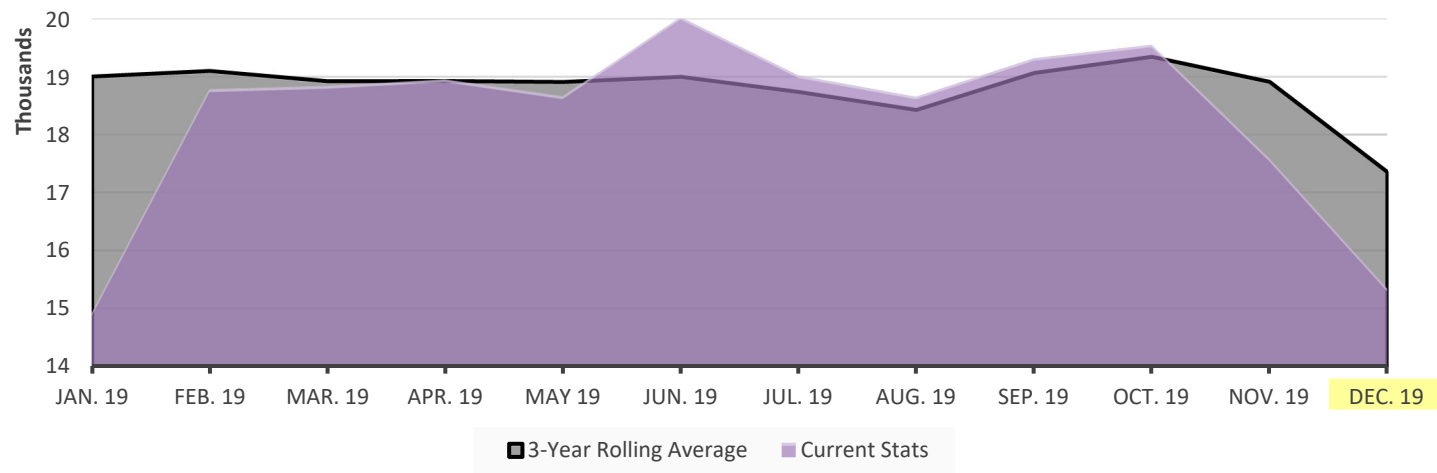


MANASSAS LINE

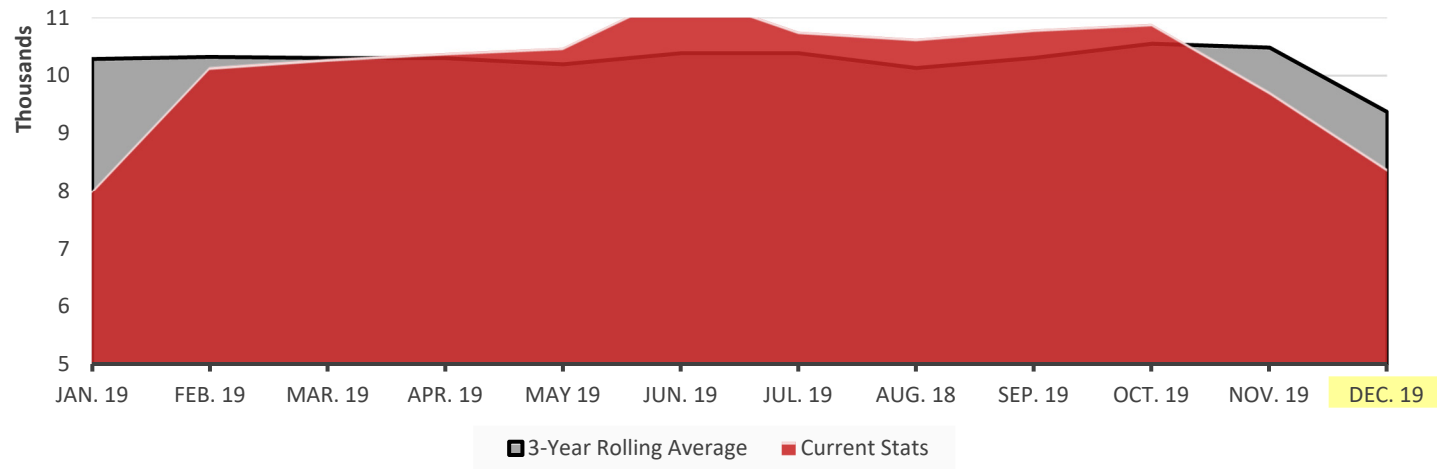


# AVERAGE DAILY RIDERSHIP

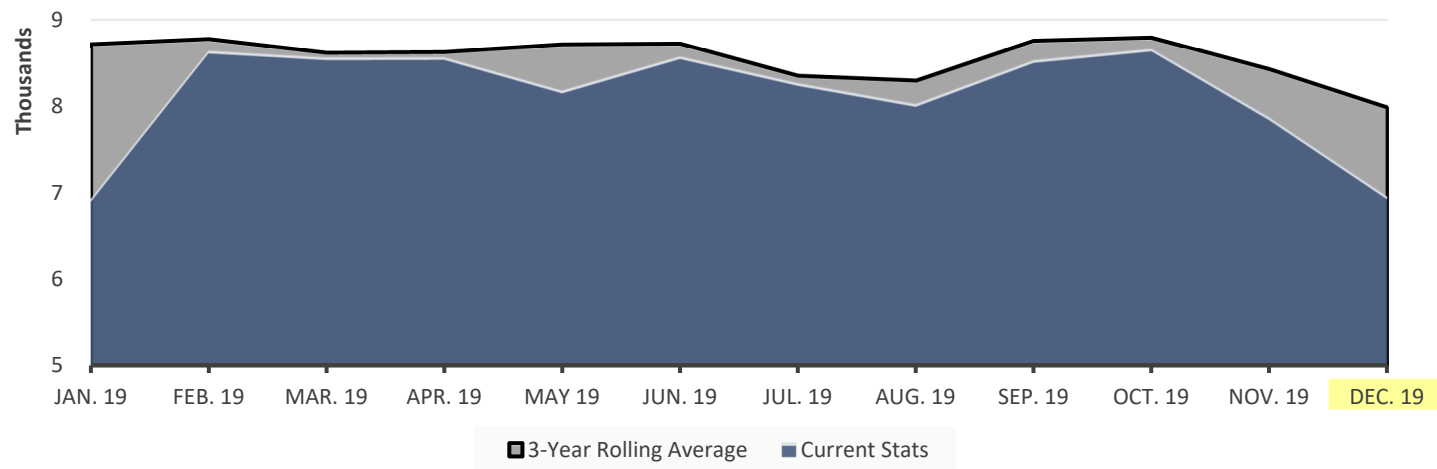
## VRE SYSTEM



## FREDERICKSBURG LINE



## MANASSAS LINE



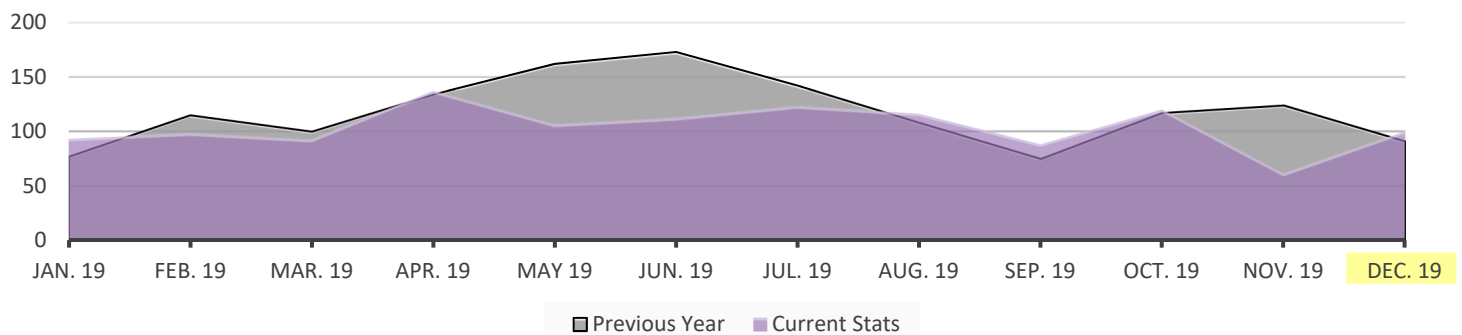
## RIDERSHIP UPDATES

Average daily ridership (ADR) in December was approximately 15,400.

	December 2019	November 2019	December 2018
Monthly Ridership	322,035	334,031	290,480
Average Daily Ridership	15,335	17,581	14,524
Full Service Days	16	19	14
"S" Service Days	5	1	6

## 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
<b>Total Waived</b>	<b>0</b>

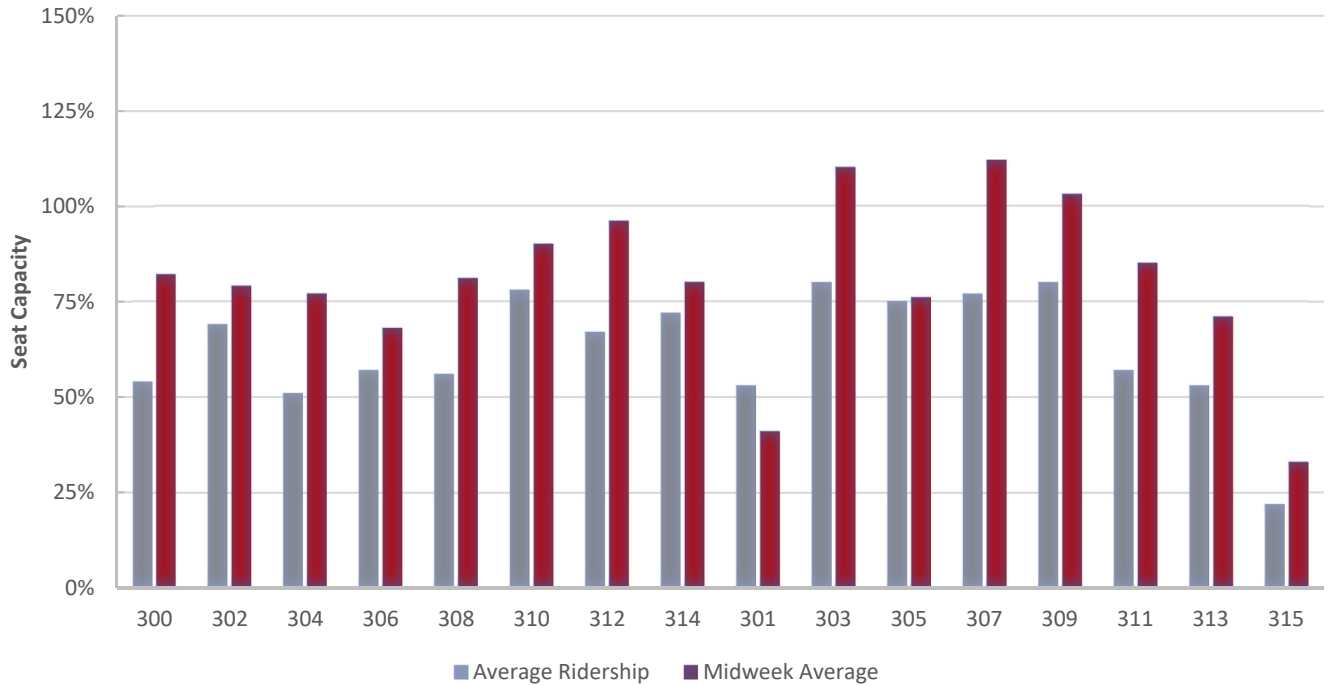
MONTHLY SUMMONSES  
COURT ACTION

There were no court actions in December 2019

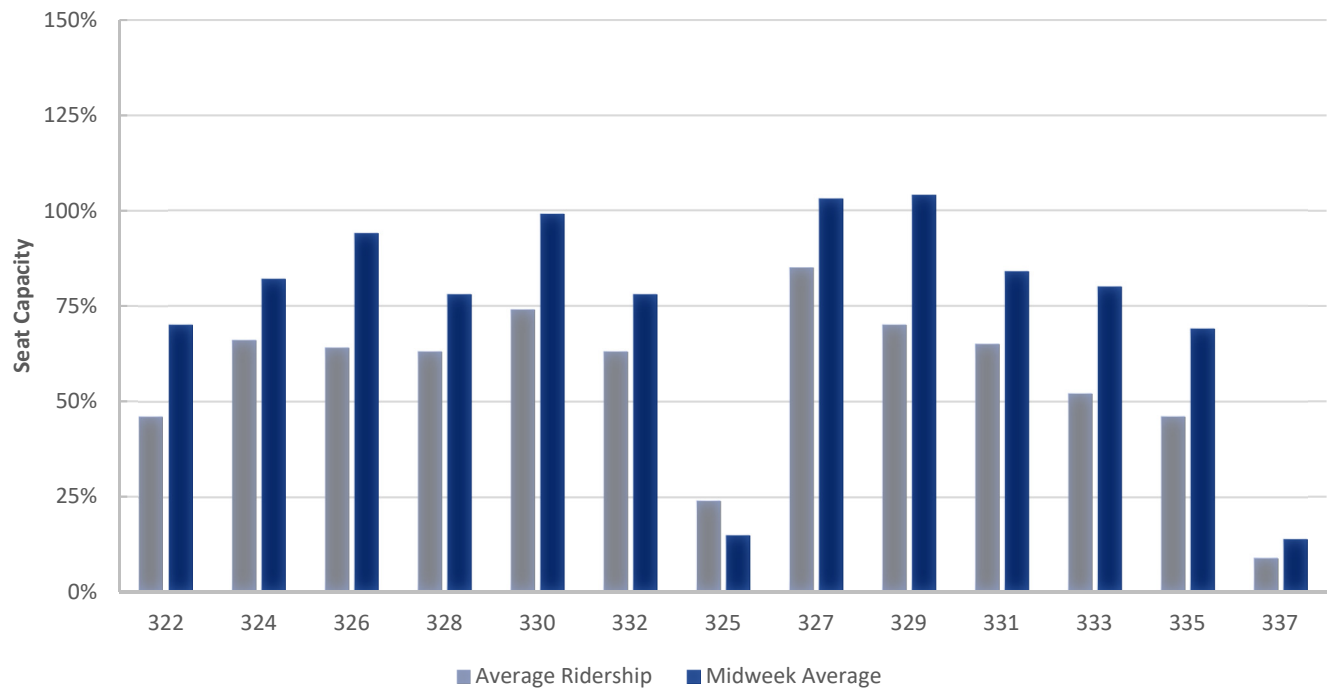


# TRAIN UTILIZATION

## FREDERICKSBURG LINE

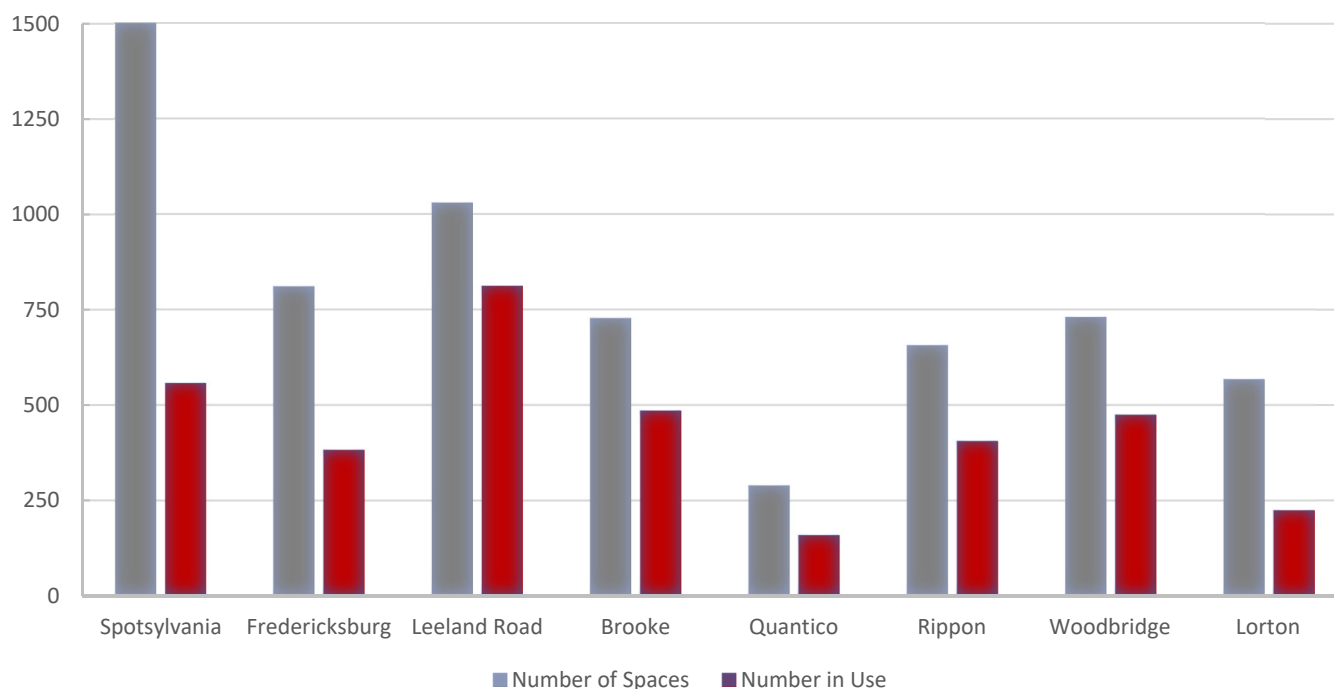


## MANASSAS LINE

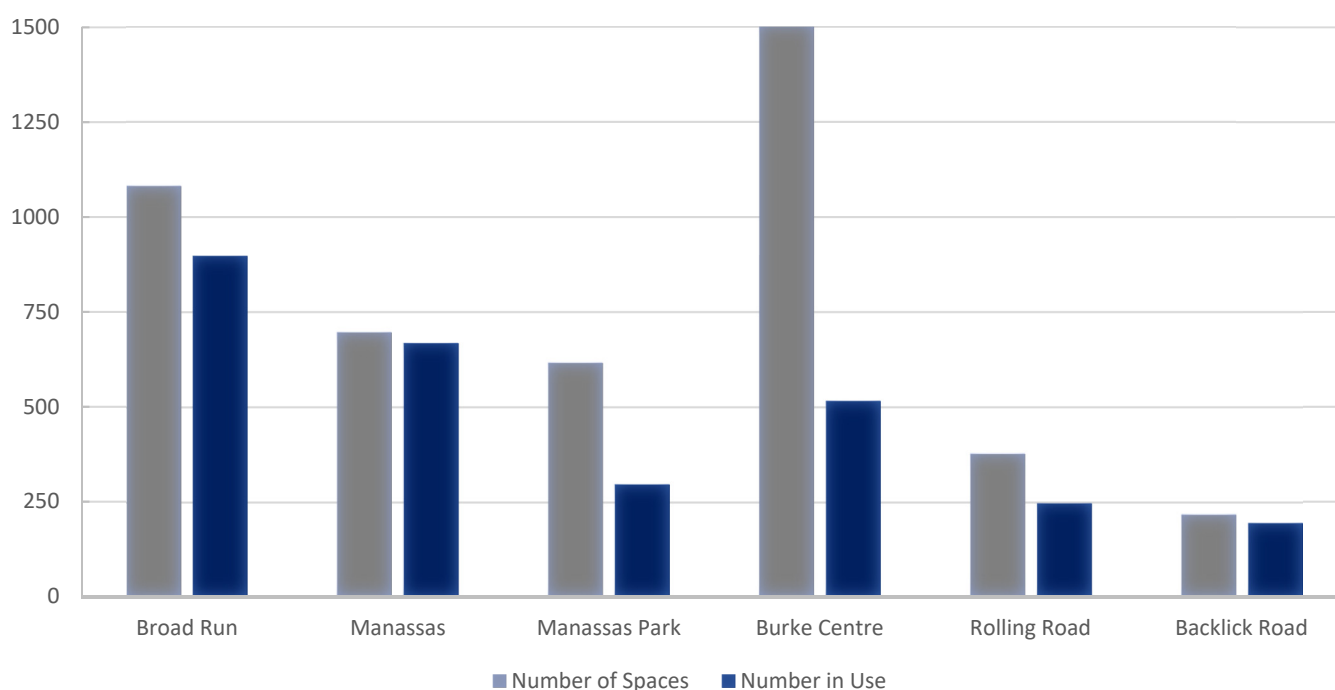


## PARKING UTILIZATION

### FREDERICKSBURG LINE



### MANASSAS LINE



# FINANCIAL REPORT

Fare revenue through the first half of FY 2020 is approximately \$16,000 above budget (a favorable variance of 0.1 percent) and is 4.2 percent above the same period in FY 2019.

The operating ratio through December is 55 percent, which is above VRE's budgeted operating ratio of 52% for the full twelve months of FY 2020. VRE is required to budget a minimum operating ratio of 50 percent.

A summary of the FY 2020 financial results through December follows, including information on major revenue and expense categories. Please note that these figures are preliminary and unaudited.

FY 2020 Operating Budget Report							
Month Ended December 31, 2019							
	CURR. MO. ACTUAL	CURR. MO. BUDGET	YTD ACTUAL	YTD BUDGET	YTD \$ VARIANCE	YTD % VARIANCE	TOTAL FY19 BUDGET
<b>Operating Revenue</b>							
Passenger Ticket Revenue	3,449,804	3,650,833	21,920,768	21,905,000	15,768	0.1%	43,810,000
Other Operating Revenue	600	18,750	117,359	112,500	4,859	4.3%	225,000
<b>Subtotal Operating Revenue</b>	<b>3,450,404</b>	<b>3,669,583</b>	<b>22,038,127</b>	<b>22,017,500</b>	<b>20,627</b>	<b>0.1%</b>	<b>44,035,000</b>
Jurisdictional Subsidy (1)	180	-	9,062,209	9,062,209	-	0.0%	13,239,555
Federal/State/Other Jurisdictional Subsidy	2,647,642	3,225,310	16,052,598	16,424,711	(372,113)	-2.3%	32,665,351
Appropriation from Reserve/Other Income	-	-	-	-	-	0.0%	-
Interest Income	108,669	41,667	774,849	250,000	524,849	209.9%	500,000
<b>Total Operating Revenue</b>	<b>6,206,894</b>	<b>6,936,560</b>	<b>47,927,783</b>	<b>47,754,420</b>	<b>173,363</b>	<b>0.4%</b>	<b>90,439,906</b>
<b>Operating Expenses</b>							
Departmental Operating Expenses	6,437,236	7,261,480	40,068,690	43,497,170	3,428,480	7.9%	84,203,149
Debt Service	518,480	518,480	3,110,909	3,110,879	(30)	0.0%	6,221,757
Other Non-Departmental Expenses	-	1,250	18,500	7,500	(11,000)	0.0%	15,000
<b>Total Operating Expenses</b>	<b>6,955,716</b>	<b>7,781,210</b>	<b>43,198,099</b>	<b>46,615,548</b>	<b>3,417,450</b>	<b>7.3%</b>	<b>90,439,906</b>
<b>Net income (loss) from Operations</b>	<b>(748,821)</b>	<b>(844,650)</b>	<b>4,729,685</b>	<b>1,138,872</b>	<b>3,590,813</b>		<b>-</b>
<b>Operating Ratio</b>			<b>55%</b>	<b>51%</b>	<b>Budgeted Goal</b>	<b>52% 50%</b>	

(1) Total jurisdictional subsidy is \$17,767,748. Portion shown as budgeted is attributed to Operating Fund only.

# COMMUTER RAIL OPERATING AND CAPITAL (C-ROC) FUND QUARTERLY REPORT

## Background

Dedicated C-ROC funding for VRE began on July 1, 2018. The C-ROC Fund receives \$15 million annually (\$1.25 million monthly) from gasoline taxes collected in the NVTC and PRTC regions. C-ROC funds are received from the Department of Motor Vehicles (DMV) and are held by NVTC/VRE in a separate account, in accordance with §33.2-1525.A of the Code of Virginia. The VRE Operations Board and the Commissions approve the projects that are to be funded in whole or in part by the C-ROC Fund, and VRE provides a quarterly report on the C-ROC Fund, including disbursements received, amounts expended, the purpose of the expenditures, and investment and interest earnings.

## C-ROC Fund as of December 31, 2019

A summary of the C-ROC Fund is presented below. Due to lags in the determination of total gasoline tax revenue by DMV and the transfer of funds from DMV to NVTC/VRE, total C-ROC funds received through December are less than total funds earned. As of December 31, 2019, three months of FY 2020 C-ROC funding has been received by NVTC/VRE.

### **C-ROC Fund as of 12/31/2019**

<b>Period</b>	<b>Funds Earned</b>	<b>Funds Received</b>	<b>Interest Earned</b>	<b>Expenditures</b>	<b>C-ROC Account Balance</b>
FY 2020 (Jul-Dec)	\$7,500,000	\$3,750,000	\$164,220	\$0	
<b>Life to Date</b>	<b>\$22,500,000</b>	<b>\$18,750,000</b>	<b>\$281,295</b>	<b>\$0</b>	<b>\$19,031,295</b>

As part of the adoption of the FY 2020 budget, the VRE Operations Board and the Commissions approved the commitment of \$45 million in C-ROC funding to key capital projects – \$30 million for the L'Enfant Station and Fourth Track project and \$15 million for the Crystal City Station Improvements project. This commitment reflects three years of actual and projected C-ROC funding (FY 2019 through FY 2021), and expenditures will be reflected above when construction commences on these projects.



# FACILITIES UPDATE

The following is a status update of VRE facilities projects.

## Completed projects:

1. Repairs to sanitary sewer line at Woodbridge Station building
2. Submission of IFB package for pavement repairs and restriping at Rippon and Leeland Road Stations and Fredericksburg VRE Lot E
3. Submission of IFB package for emergency generator overhauls at Alexandria Headquarters, Fredericksburg office and Woodbridge and Manassas Stations
4. Installation of new glass doors at Alexandria Headquarters Suite 202
5. Submission of IFB package for Alexandria Headquarters Renovations



*One of two new glass doors in the reception area of the Alexandria headquarters.*

## Projects scheduled to be completed this quarter:

1. Installation of electrical conduits and conductors for Variable Messaging System (VMS) at Alexandria Station
2. Submission of IFB package for modernization of east elevator at Woodbridge Station
3. Submission of IFB package for canopy roof replacement at Backlick Road Station
4. Submission of IFB package for painting of Franconia-Springfield Station
5. Submission of IFB package for replacement of tactile warning strips at various stations



*One of two new glass doors in the reception area of the Alexandria headquarters.*

## Projects scheduled to be initiated this quarter:

1. GEC Task Order for design of platform widening at L'Enfant Station
2. GEC Task Order for design of minor structural repairs at Franconia-Springfield, Woodbridge, Rippon and Brooke Stations
3. Replacement of signage at Franconia-Springfield, Woodbridge and Leeland Road Stations
4. Replacement of parking lot light fixtures at Spotsylvania Station
5. GEC Task Order for design of renovations to Alexandria Headquarters
6. Replacement of HVAC system at Alexandria Headquarters Suite 201

Ongoing projects:

1. Replacement of parking lot entrance signs at various stations
2. Replacement of waste and recycling receptacles at various stations

## UPCOMING PROCUREMENTS

- Construction of the Lifecycle Overhaul and Upgrade Facility
- Program management services
- Canopy roof replacement at the Backlick Road Station
- Modernization of VRE Woodbridge Station east elevator
- Passenger car wheelchair lift assemblies
- Construction of Rolling Road Station platform extension
- Purchase of LED light fixtures
- Construction of L'Enfant south storage track wayside power
- Variable Messaging System replacement
- Tactile strip replacements
- Pavement repairs and striping at the Rippon and Leeland Road stations and Fredericksburg Lot G
- Franconia-Springfield Station painting services
- Purchase of forklift trucks
- Final design services for VRE Broad Run expansion
- Safety and security consulting services
- Renewal of locomotive head end power engine systems
- Construction of Quantico Station improvements
- Construction management services for the Quantico Station Improvements project

# CAPITAL PROJECTS UPDATES

The following is a status update of VRE capital projects.

Completed projects or major project milestones:

1. Long Bridge Project Environmental Impact Statement (*study by others*) – Draft environmental impact statement, which identifies a preferred alternative and examines its impacts, was released and published in the Federal Register; DDOT and FRA are reviewing public comments to be addressed in the final environmental impact statement expected in the Summer of 2020.
2. New York Avenue Midday Storage Replacement Facility – continuing due-diligence activities on potential property acquisitions; preliminary design effort has been completed and continue collaboration with Amtrak on project agreements.

Projects or project phases scheduled to be completed this quarter:

3. Franconia-Springfield Station Improvements (FRS) Draft 90% design plans
4. Lorton Station Second Platform (LOR) Draft 90% design plans
5. Rippon Station Improvements (RIP) Final 30% design plans
6. Brooke Station Improvements (BKV) Final 30% design plans
7. Leeland Road Station Improvements (LLR) Final 30% design plans
8. Broad Run Expansion (BRX) Section 106 Consultation
9. Construction of Benchmark Road Slope Stabilization (Hamilton to Crossroads closeout)

Projects or project phases scheduled to be initiated this quarter:

10. IFB for construction of Rolling Road Station Improvements
11. Request for proposals (RFP) advertised for LOU Construction Management

Ongoing projects:

12. Broad Run Expansion (BRX)
13. Manassas Park Parking Improvements
14. Rolling Road Station Improvements
15. Crossroads Maintenance and Storage Facility (MSF) – land acquisition completed
16. Lifecycle Overhaul & Upgrade Facility (LOU)
17. Benchmark Road Slope Stabilization (Hamilton to Crossroads closeout)
18. Leeland Road Station Improvements
19. Brooke Station Improvements
20. Quantico Station Improvements
21. Rippon Station Improvements
22. Lorton Station Second Platform
23. Franconia-Springfield Station Improvements
24. Alexandria Station Improvements
25. Alexandria Station Track I Access (Slaters Lane)
26. Crystal City Station Improvements
27. L'Enfant Train Storage Track - South
28. L'Enfant Station Improvements
29. New York Avenue Midday Storage Facility
30. Potomac Shores VRE Station – *design by others*
31. Washington Union Station Improvements Environmental Impact Statement – *study by others*
32. DC2RVA Environmental Impact Statement – *study by others*



## Projects Progress Report to Follow

## PASSENGER

PROJECT	DESCRIPTION	PHASE						
		CD	PD	EC	RW	FD	CN	
Alexandria Station Improvements	Eliminate at-grade track crossing, add elevators, modify platforms.	◆	◆	◆	N/A	●		
	Modify Slaters Lane Interlocking for passenger trains on Track #1.	◆	◆	◆	N/A	●		
	Extend and widen East Platform and elevate West Platform.	◆	◆	◆	N/A	●		
Franconia-Springfield Station Improvements	Extend both platforms and widen East Platform for future third track. <span style="color: red;">◆</span>	◆	◆	◆	N/A	●		
Lorton Station Improvements	Construct new second platform with pedestrian overpass. <sup>1</sup>	◆	◆	◆	N/A	●		
Rippon Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. <sup>1</sup>	◆	●	●	N/A			
Potomac Shores Station Improvements	New VRE station and parking in Prince William County provided by private developer.	◆	●	◆	N/A			
Quantico Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass.	◆	◆	◆	N/A	●		
Brooke Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. <sup>1</sup>	◆	●	●	N/A			
Leeland Road Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. <sup>1</sup>	◆	●	●	N/A			
Manassas Park Parking Improvements	Parking garage to increase parking capacity to 1,100 spaces.	◆	◆	●	N/A			
Rolling Road Station Improvements	Extend existing platform and rehabilitate existing station	◆	◆	◆	N/A	●	●	
Crystal City Station Improvements	Replace existing side platform with new, longer island platform.	◆	●	●	N/A			
L'Enfant Station Improvements	Replace existing platform with wider, longer island platform. Add fourth track (VA-LE)	◆			N/A			

PHASE: CD - Conceptual Design PE - Preliminary Engineering EC - Environment Clearance RW - Right of Way Acquisition FD - Final Design CN - Construction

STATUS: ◆ Completed ● Underway ■ On Hold ◆ part of the "Penta-Platform" program

<sup>1</sup> Total project cost estimate in adopted FY2020 CIP Budget; percentage complete based on VRE Operations Board authorization

<sup>2</sup> Does not include minor (< \$50,000) operating expenditures

\* \$2,181,630 authorization divided across five "Penta-Platform" program stations

ESTIMATED COSTS (\$)						STATUS		
Total <sup>1</sup>	Funded	Unfunded	Authorized	Expended <sup>2</sup>	Percent Complete <sup>1</sup>	Project Completion Date		
31,875,014	31,875,014	-	2,382,759	2,193,257	90%	4th QTR 2020	●	Design underway. Stakeholder meetings held 3/1 and 4/3.
7,000,000	7,000,000	-	467,500	270,487	60%	2nd QTR 2019	●	Materials continue to be delivered. Assembly of cross-over has begun.
2,400,000	400,000	2,000,000	-	-	5%	4th QTR 2020	●	Design work on east platform only; west platform improvements unfunded.
13,000,000	13,000,000	-	*	544,676	30%	4th QTR 2022	●	FD underway with anticipated completion 4th QTR 2020. Ongoing coordination with DRPT projects.
16,150,000	16,150,000	-	*	778,541	30%	4th QTR 2022	●	FD underway with anticipated completion 4th QTR 2020. Ongoing coordination with DRPT projects.
16,634,793	16,634,793	-	*	387,598	20%	4th QTR 2023	●	PE design/EC anticipated completion 4th QTR 2020. Ongoing coordination with DRPT projects.
No costs for VRE. Private developer providing station.					10%	TBD	●	Potomac Shores VRE Station design underway to include parking structure.
18,372,949	18,372,949	0	388,784	830,833	30%	TBD	●	FD start 1st QTR 2019. SMART SCALE grant agreement pending.
23,391,019	23,391,019	-	*	374,879	20%	4th QTR 2023	●	DRPT LONP received; REF grant pending. PE design/EC anticipated completion 4th QTR 2020. Ongoing
15,527,090	15,527,090	-	*	343,268	20%	4th QTR 2023	●	DRPT LONP received; REF grant pending. PE design/EC anticipated completion 4th QTR 2020. Ongoing
25,983,000	25,983,000	0	2,238,144	670,225	30%	4th QTR 2022	●	Meeting held with Governing Body on 4/3. FD continues.
2,000,000	2,000,000	-	640,503	418,887	70%	3rd QTR 2020	●	Invitation for Bids (IFB) pending NS Construction Agreement and Fairfax County Building Permit.
49,940,000	19,098,463	30,841,537	1,584,619	397,848	30%	2nd QTR 2024	●	PE & EC initiated in Oct 2019 and anticipated completion 3rd QTR 2020.
70,650,000	62,465,721	8,184,279	130,501	65,150	50%	2nd QTR 2023	●	DRPT LONP received. Real estate research in progress under LONP.

## TRACK AND INFRASTRUCTURE

PROJECT	DESCRIPTION	PHASE					
		CD	PD	EC	RW	FD	CN
Hamilton-to-Crossroads Third Track	2¼-miles of new third track with CSXT design and construction of signal and track tie-ins.	◆	◆	◆	N/A	◆	◆

## MAINTENANCE AND STORAGE FACILITIES

L'Enfant Train Storage Track - South	Conversion of CSXT Temporary Track to VRE Storage Track (1,350 feet) and Associated Signal Work	◆	◆	◆	N/A	●	●
Lifecycle Overhaul & Upgrade Facility	New LOU facility to be added to the Crossroads MSF.	◆	◆	◆	N/A	◆	■
Crossroads Maintenance and Storage Facility - Land Acquisition	Acquisition of 19.5 acres of land, construction of two storage tracks and related site improvements.	◆	N/A	N/A	●	N/A	N/A
New York Avenue Midday Storage Replacement Facility	Midday storage facility replacement for Ivy City storage facility.	◆	●	●	●		

## ROLLING STOCK

Passenger Railcar Procurement	Acquisition of 29 new railcars.	◆	N/A	N/A	N/A	◆	◆
Positive Train Control	Implement Positive Train Control for all VRE locomotives and control cars.	◆	N/A	N/A	N/A	◆	●

## PLANNING, COMMUNICATIONS AND IT

Broad Run Expansion (was Gainesville-Haymarket Extension)	NEPA and PE for expanding commuter rail service capacity in Western Prince William County	◆	●	●	-	-	-
Mobile Ticketing	Implementation of a new mobile ticketing system.	◆	N/A	N/A	N/A	◆	●










PHASE: CD - Conceptual Design PE - Preliminary Engineering EC - Environment Clearance RW - Right of Way Acquisition FD - Final Design CN - Construction

STATUS: ◆ Completed ● Underway ■ On Hold

<sup>1</sup> Total project cost estimate in adopted FY2020 CIP Budget; percentage complete based on VRE Operations Board authorization

<sup>2</sup> Does not include minor (< \$50,000) operating expenditures



Total <sup>1</sup>	ESTIMATED COSTS (\$)				Percent Complete <sup>1</sup>	Project Completion Date	STATUS	
	Funded	Unfunded	Authorized	Expended <sup>2</sup>				
32,500,000	32,500,000	-	33,285,519	30,578,003	90%	3rd QTR 2018		Close-out pending repair of storm damage to embankment.
3,965,000	3,965,000	-	2,937,323	1,699,610	60%	4th QTR 2019		CSXT Construction Agreement received. CM underway.
38,183,632	38,183,632	-	3,176,039	2,143,583	70%	TBD		Completion of FD pending completion of land acquisition.
2,950,000	2,950,000	-	2,950,000	163,565	100%	1st QTR 2020		Land acquisition has been completed.
89,666,508	89,666,508	-	3,588,305	2,087,050	75%	4th QTR 2021		Preliminary design has been completed and continuing to collaborate with Amtrak on agreements.
75,264,693	75,264,693	-	69,457,809	47,915,644	99%	4th QTR 2020		All cars received. Completion date reflects end of warranty period.
14,191,833	14,191,833	-	10,294,079	7,984,451	95%	4th QTR 2018		Implementation Completed. Final stabilization and familiarization phase in process.
110,700,000	82,526,398	28,173,602	5,855,650	4,539,446	80%	4th QTR 2024		PE design and EC underway. Property acquisition due diligence underway.
3,510,307	3,510,307	-	3,510,627	2,282,853	70%	3rd QTR 2019		Big Commerce/Moovel collaboration underway for web based ticketing portal. Uplift to new platform scheduled for mid-summer.

## NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

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