

# CEO REPORT

OCTOBER 2019



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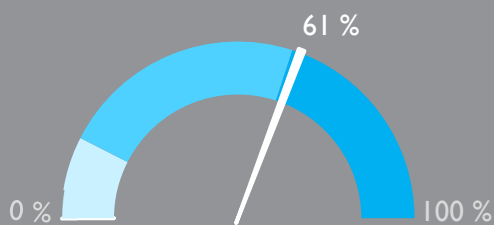
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VIRGINIA RAILWAY EXPRESS  
A better way. A better life.

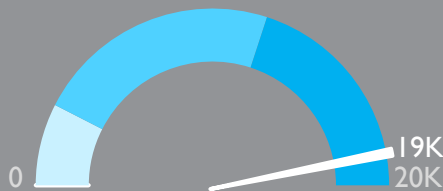


# SUCCESS AT A GLANCE



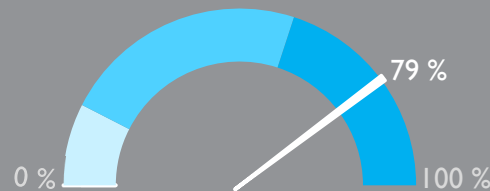
PARKING  
UTILIZATION

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



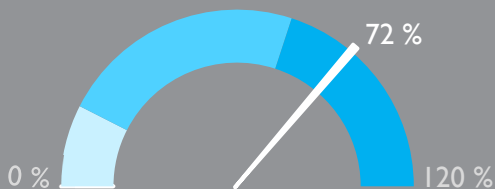
AVERAGE DAILY  
RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings but excluding "S" schedule operating days.  
Same month, previous year: 17,779



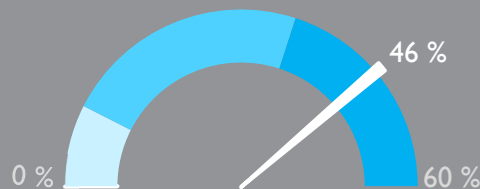
ON-TIME  
PERFORMANCE

Percentage of trains that arrive at their destination within five minutes of the schedule.  
Same month, previous year: 72%



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%

August 2019

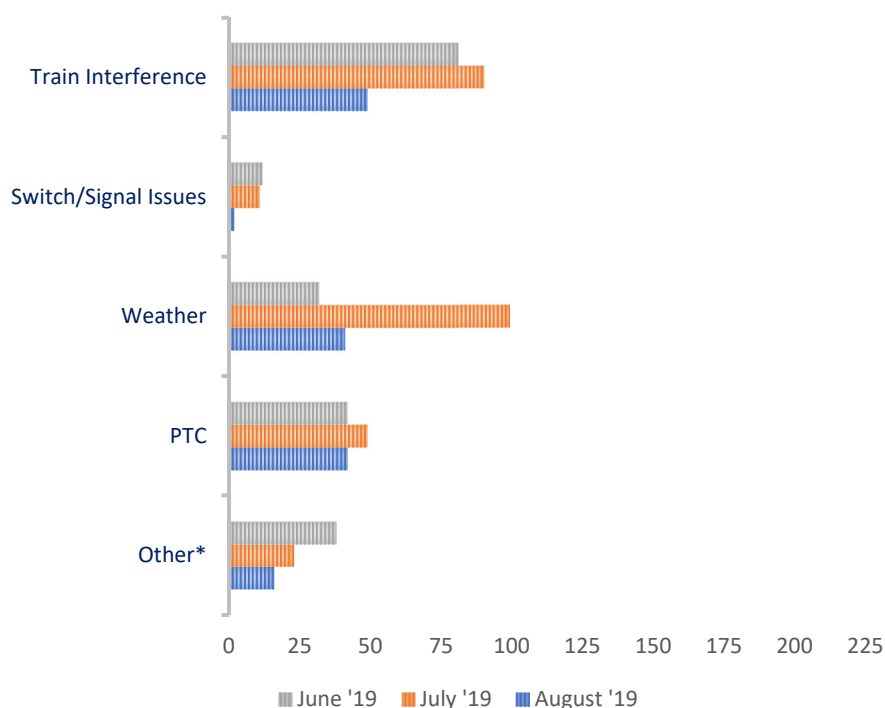


# ON-TIME PERFORMANCE

## OUR RECORD

	August 2019	July 2019	August 2018
Manassas Line	82%	69%	62%
Fredericksburg Line	76%	53%	81%
System Wide	79%	61%	72%

## PRIMARY REASON FOR DELAY



VRE operated 704 trains in August. Our on-time rate for August was 79 percent.

One hundred fifty trains arrived more than five minutes late to their final destinations. Of those late trains, 65 were on the Manassas Line (43 percent), and 85 were on the Fredericksburg Line (57 percent).

Overall, August showed improvement in on-time performance. Positive train control delays have remained steady in the last three months. All categories had decreases from July, but weather (heat restrictions were in effect on 12 days) and congestion had a significant impact on OTP.

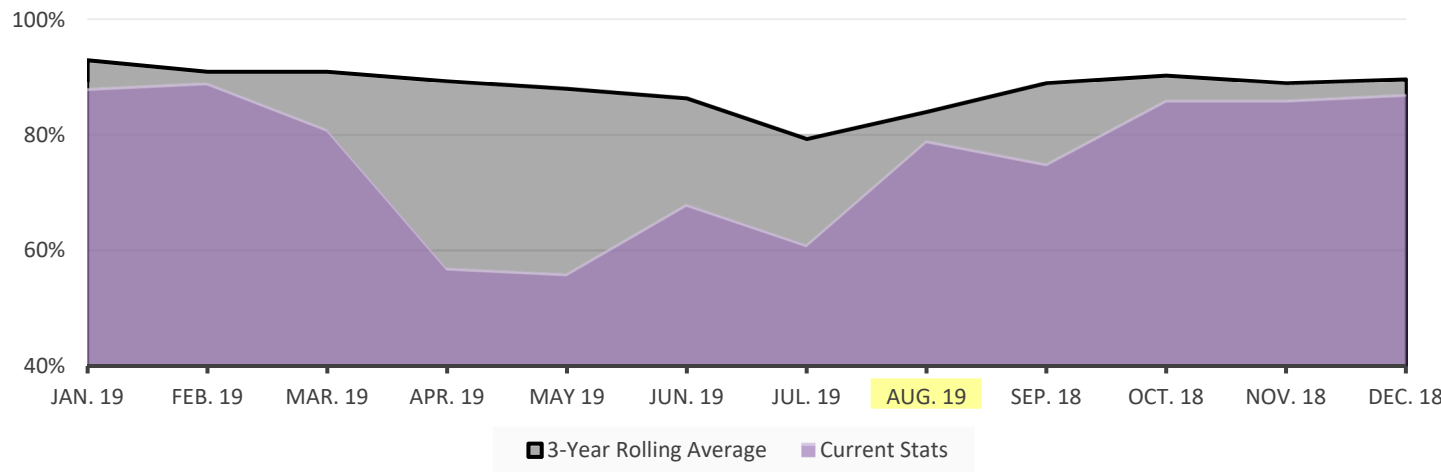
\*Includes trains that were delayed due to operational testing and passenger handling.

## LATE TRAINS

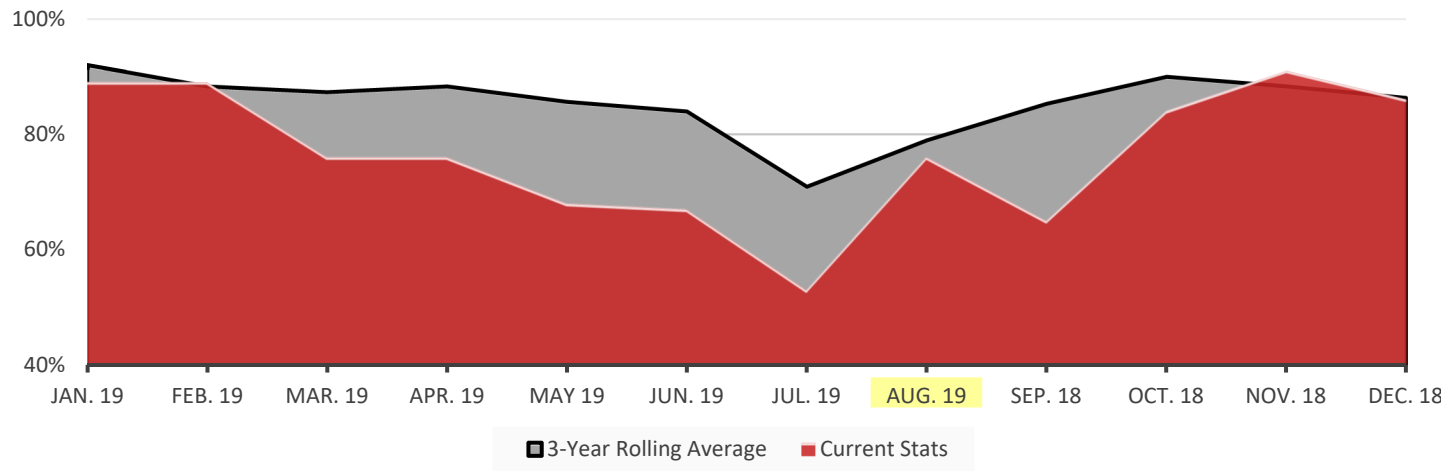
	System Wide			Fredericksburg Line			Manassas Line		
	June	July	August	June	July	August	June	July	August
Total late trains	205	272	150	106	166	85	99	106	65
Average minutes late	14	16	13	13	16	12	16	15	14
Number over 30 minutes	14	28	8	4	16	4	10	12	4
Heat restrictions	10	19	12	10	19	12			

ON-TIME PERFORMANCE

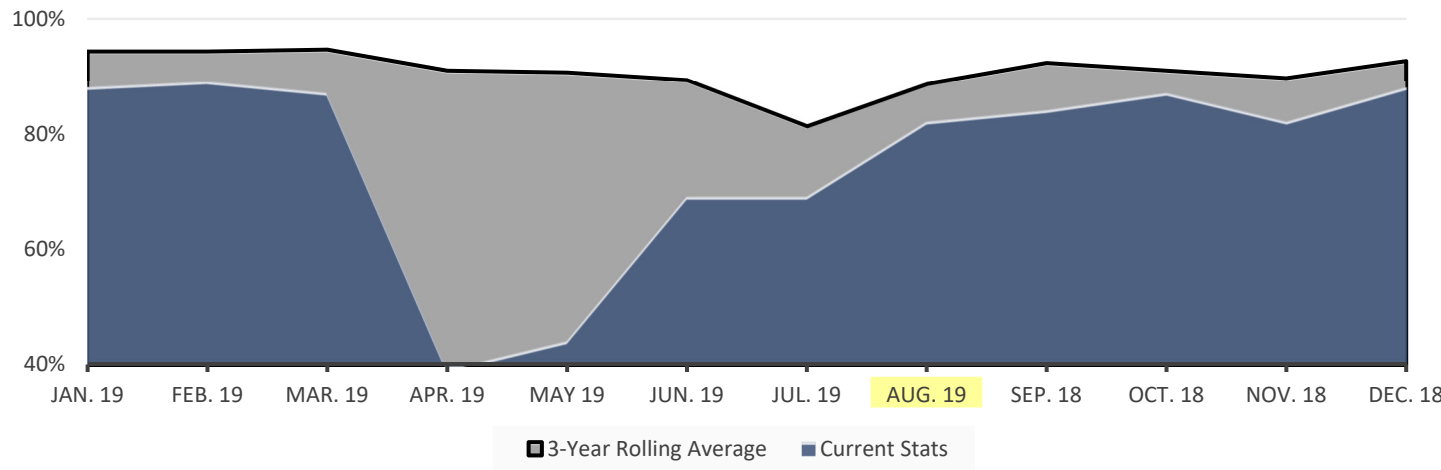
VRE SYSTEM



FREDERICKSBURG LINE

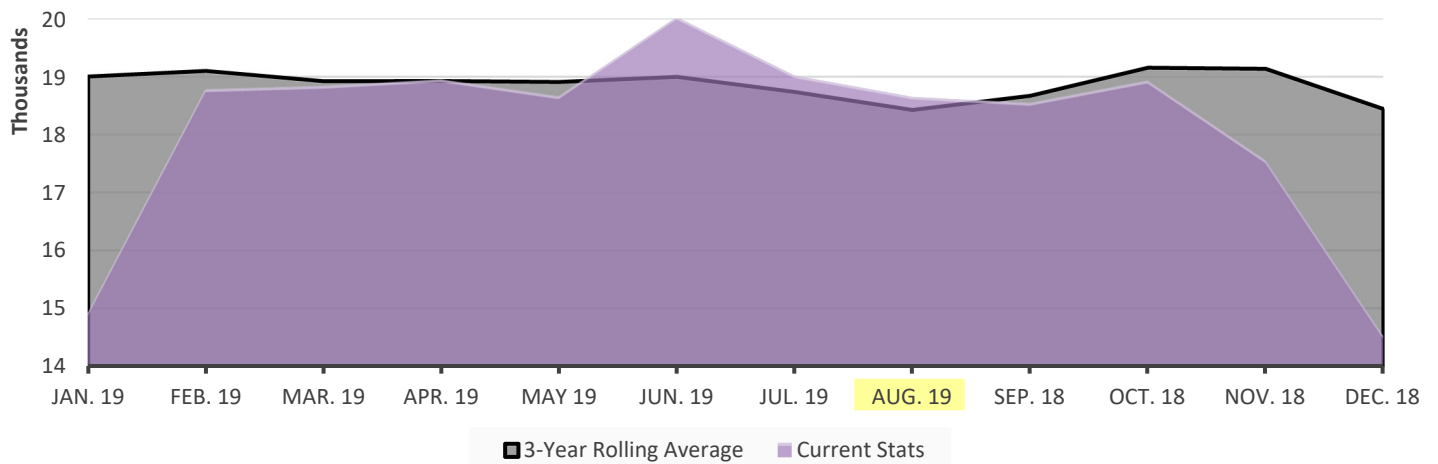


MANASSAS LINE

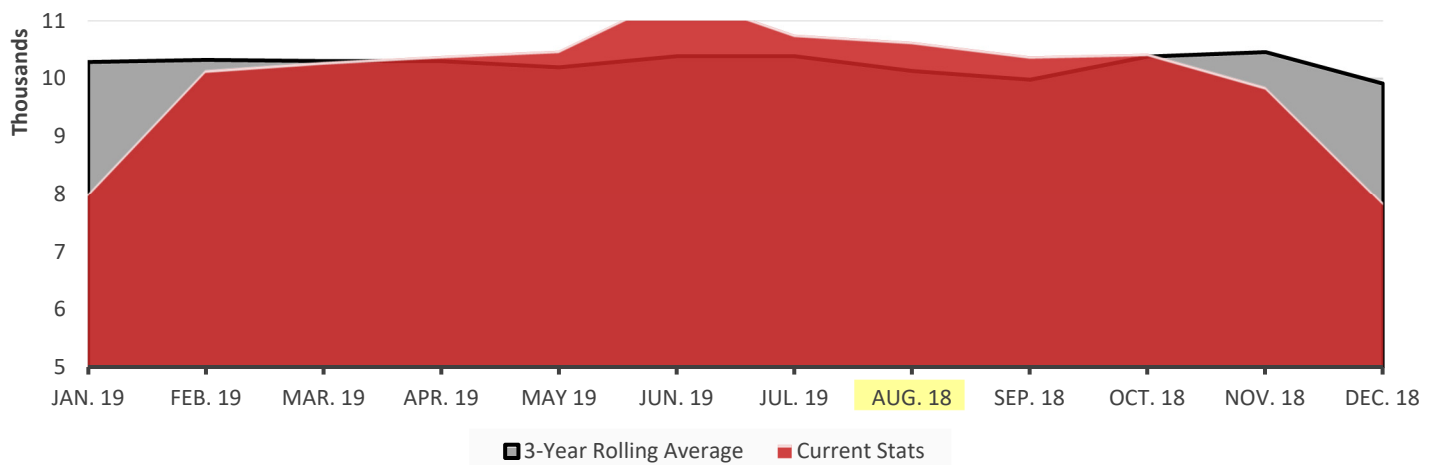


# AVERAGE DAILY RIDERSHIP

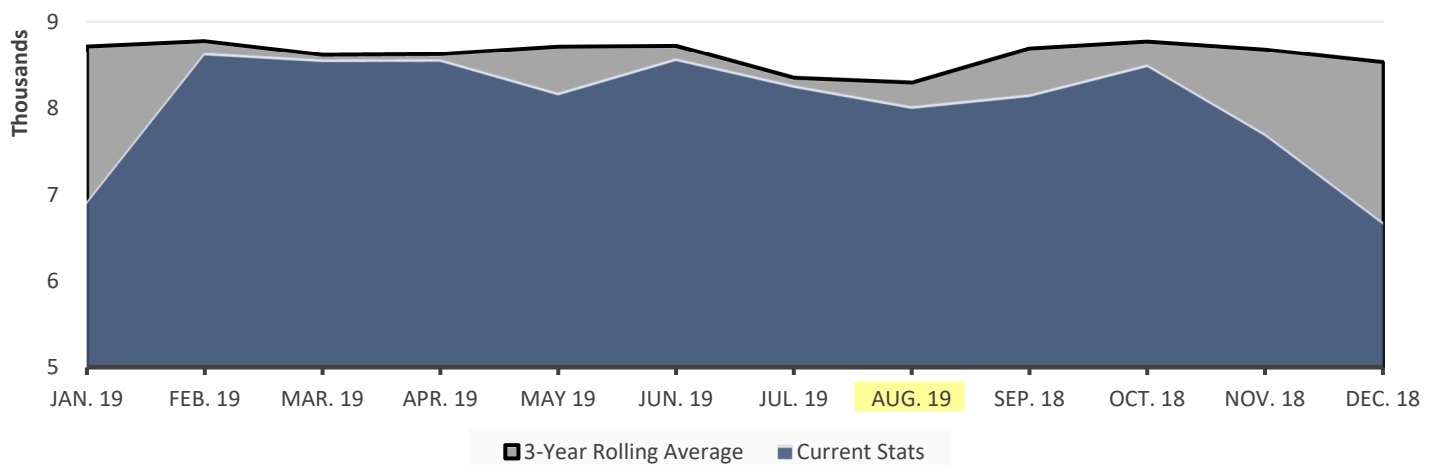
## VRE SYSTEM



## FREDERICKSBURG LINE



## MANASSAS LINE



OCTOBER 2019

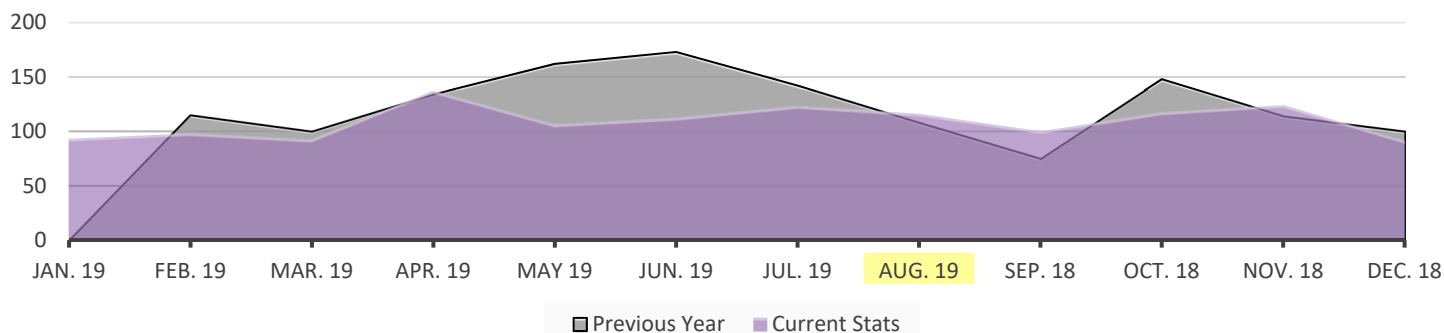
## RIDERSHIP UPDATES

Average daily ridership (ADR) in August was approximately 18,600.

	August 2019	July 2019	August 2018
Monthly Ridership	410,334	418,434	414,912
Average Daily Ridership	18,652	19,020	17,779
Full Service Days	22	22	23
"S" Service Days	0	0	0

## SUMMONSES ISSUED

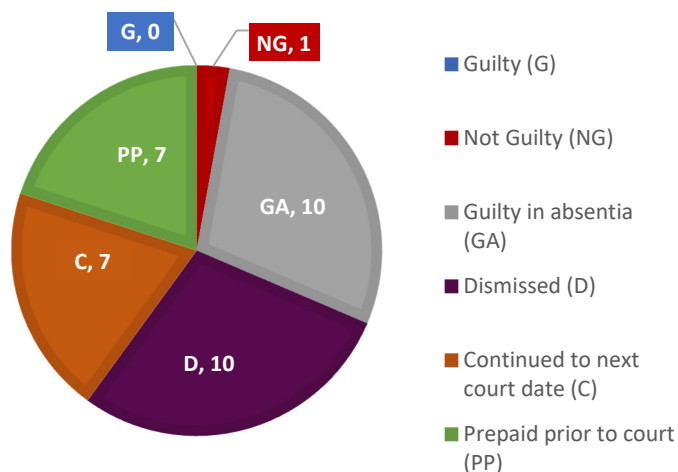
### VRE SYSTEM



### SUMMONSES WAIVED OUTSIDE OF COURT

Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	15
One-time courtesy	11
Per the request of the conductor	8
Defective ticket	1
Per Ops Manager	0
Unique circumstances	0
Insufficient information	1
Lost and found ticket	0
Other	3
<b>Total Waived</b>	<b>39</b>

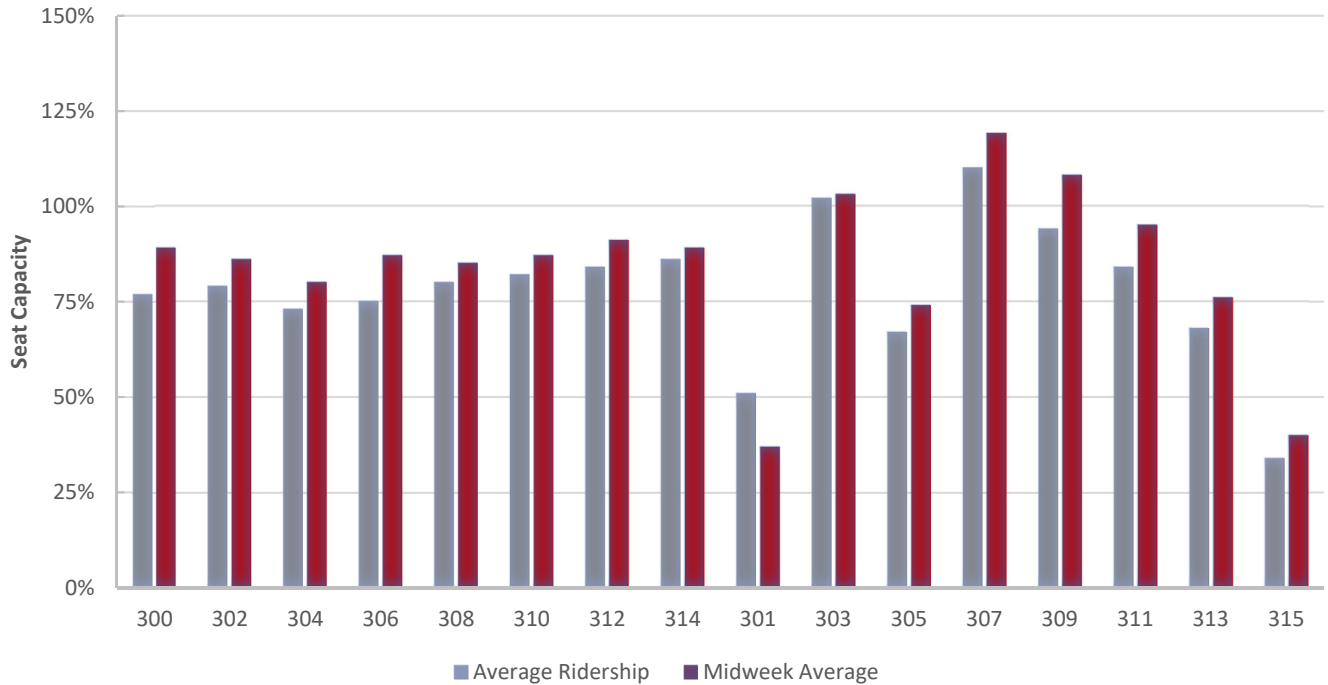
### MONTHLY SUMMONSES COURT ACTION



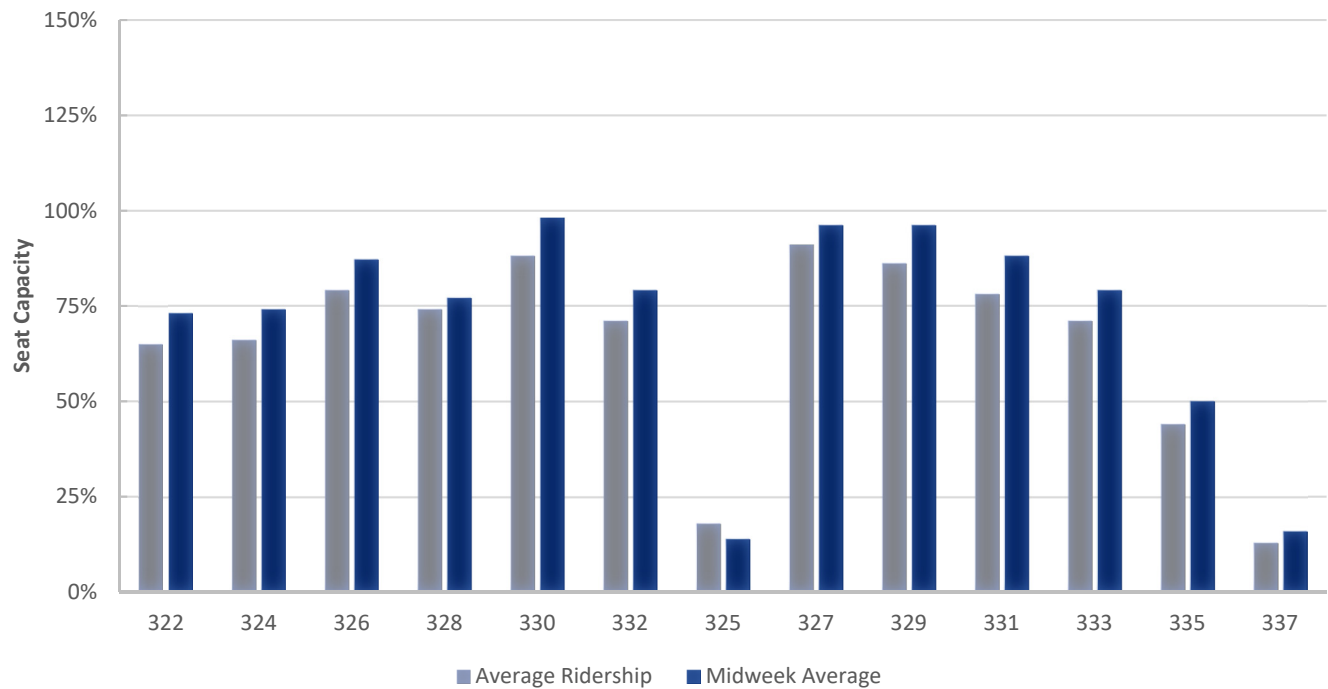


# TRAIN UTILIZATION

## FREDERICKSBURG LINE

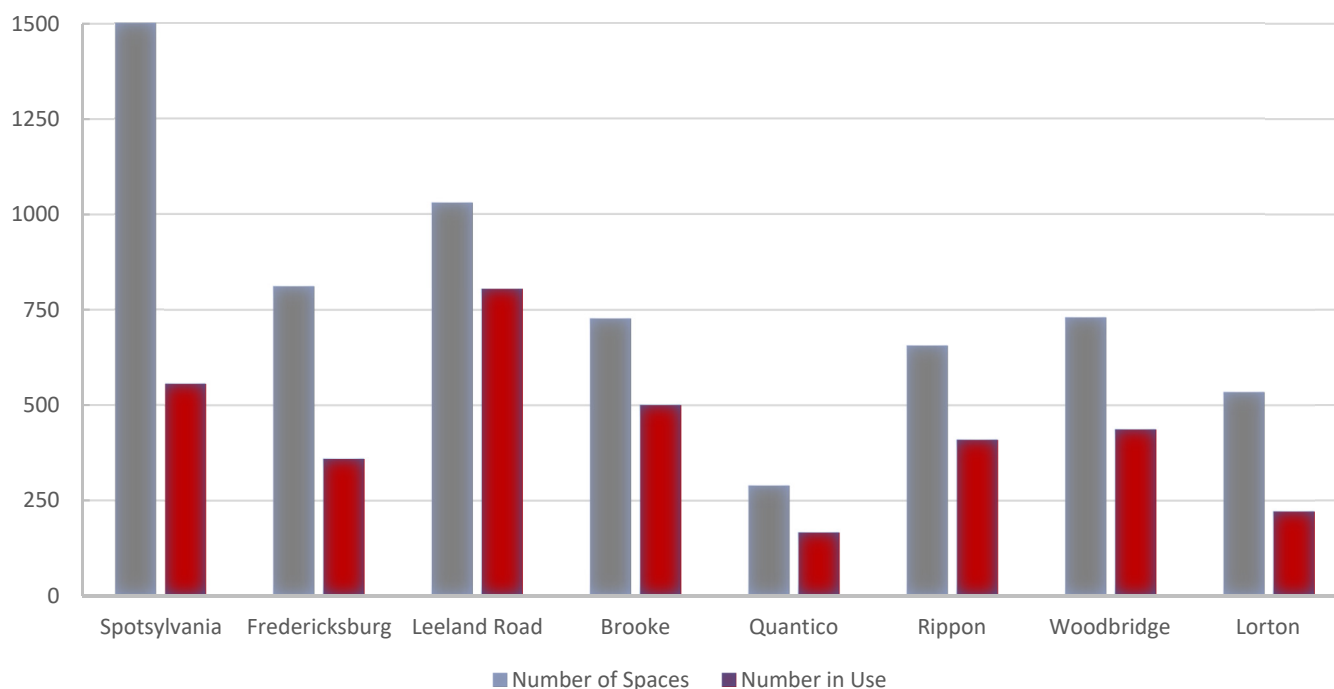


## MANASSAS LINE

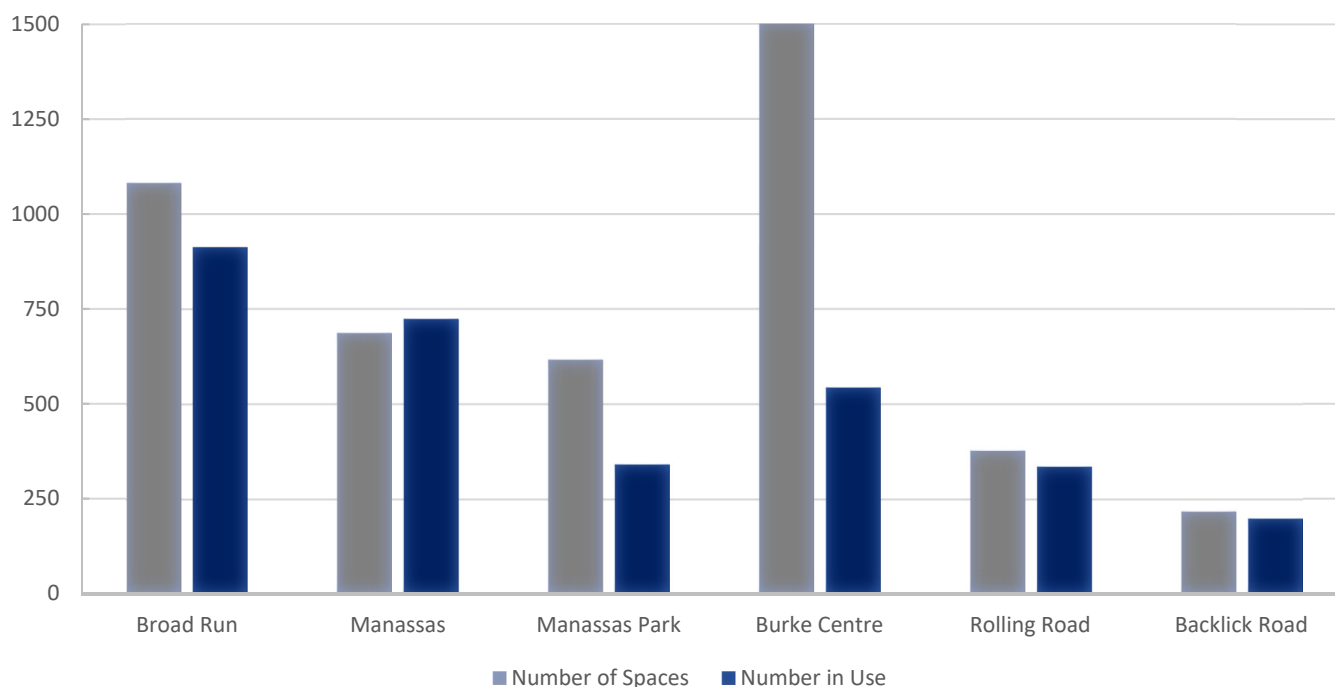


## PARKING UTILIZATION

### FREDERICKSBURG LINE



### MANASSAS LINE



# FINANCIAL REPORT

Fare revenue through the second month of FY 2020 is approximately \$69,000 below budget (an unfavorable variance of -0.9 percent) and is 5.2 percent above the same period in FY 2019. Revenue for the period was impacted positively by additional ridership resulting from the Metrorail Yellow and Blue Line shutdown.

VRE's annual liability insurance premium was accounted for in full in July, resulting in a year-to-date operating ratio of 46 percent. Absent this premium, the operating ratio would have been 57 percent. VRE is required to budget a minimum operating ratio of 50 percent.

A summary of FY 2020 financial results through August 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 August 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	3,727,258	3,824,683	7,580,804	7,649,365	(68,561)	-0.9%	43,810,000
Other Operating Revenue	2,040	19,643	67,265	39,286	27,979	71.2%	225,000
<b>Subtotal Operating Revenue</b>	<b>3,729,298</b>	<b>3,844,325</b>	<b>7,648,069</b>	<b>7,688,651</b>	<b>(40,582)</b>	<b>-0.5%</b>	<b>44,035,000</b>
Jurisdictional Subsidy (1)	(180)	-	9,062,029	9,062,209	(180)	0.0%	13,230,397
Federal/State/Other Jurisdictional Subsidy	2,726,769	2,676,108	5,425,902	5,322,350	103,552	1.9%	31,462,978
Appropriation from Reserve/Other Income	-	-	-	-	-	0.0%	-
Interest Income	125,506	43,651	281,314	87,302	194,012	222.2%	500,000
<b>Total Operating Revenue</b>	<b>6,581,393</b>	<b>6,564,084</b>	<b>22,417,313</b>	<b>22,160,511</b>	<b>256,802</b>	<b>1.2%</b>	<b>89,228,375</b>
<b>Operating Expenses</b>							
Departmental Operating Expenses	6,199,443	6,901,673	16,634,451	17,382,384	747,933	4.3%	82,991,618
Debt Service	518,490	518,480	1,036,990	1,036,960	(30)	0.0%	6,221,757
Other Non-Departmental Expenses	-	1,310	15,000	2,619	(12,381)	0.0%	15,000
<b>Total Operating Expenses</b>	<b>6,717,933</b>	<b>7,421,462</b>	<b>17,686,441</b>	<b>18,421,962</b>	<b>735,522</b>	<b>4.0%</b>	<b>89,228,375</b>
<b>Net income (loss) from Operations</b>	<b>(136,540)</b>	<b>(857,378)</b>	<b>4,730,873</b>	<b>3,738,549</b>	<b>992,324</b>		<b>-</b>
<b>Operating Ratio</b>							
			<b>46%</b>	<b>44%</b>	<b>Budgeted</b>	<b>53%</b>	
					<b>Goal</b>	<b>50%</b>	

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

## FACILITIES UPDATE

The following is a status update of VRE facilities projects.

### Completed projects:

1. Replacement of Track 8 wayside power electrical conductors at Broad Run Maintenance and Storage Facility
2. Replacement of cracked window at Alexandria Headquarters Suite 201
3. Repairs to wallpaper at Alexandria Headquarters Suite 201



*Replacement of window at Alexandria headquarters*

### Projects scheduled to be completed this quarter:

1. Installation of electrical conduits and conductors for Variable Messaging System (VMS) at Alexandria and Fredericksburg Stations
2. Repairs to platform concrete at Manassas Station
3. Design of Phase 2 renovations to Alexandria Headquarters Suite 202



*Repairs to wallpaper at Alexandria headquarters*

### Projects scheduled to be initiated this quarter:

1. Design of platform widening at L'Enfant Station
2. Replacement of signage at additional stations (locations to be determined)

### Ongoing projects:

1. Development of IFB for modernization of east elevator at Woodbridge Station
2. Development of IFB for canopy roof replacement at Backlick Road Station
3. Replacement of parking lot entrance signs at various stations
4. Replacement of waste and recycling receptacles at various stations



# UPCOMING PROCUREMENTS

- Purchase of passenger elevators
- Construction of the Lifecycle Overhaul and Upgrade Facility
- Construction management services for 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
- Seat bottoms for passenger cars
- 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
- Website management services
- Purchase of forklift trucks
- Final design services for VRE Broad Run expansion
- Locomotive prime mover turbochargers
- Safety and security consulting services
- Renewal of locomotive head end power engine systems

## 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; public comment period runs through October 28, with a public hearing on October 22.
2. New York Avenue Midday Storage Replacement Facility – continuing due-diligence activities on potential property acquisitions; reviewing preliminary design effort and 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. Brooke Station Improvements (BKV) Environmental Documentation
8. Leeland Road Station Improvements (LLR) Final 30% design plans
9. Leeland Road Station Second Platform (LLR) Environmental Documentation
10. Construction of temporary platform for Quantico Station Improvements
11. Broad Run Expansion (BRX) Section 106 Consultation
12. Construction of Benchmark Road Slope Stabilization (Hamilton to Crossroads closeout)

Projects or project phases scheduled to be initiated this quarter:

13. IFB for construction of Rolling Road Station Improvements
14. Construction of temporary platform for Quantico Station Improvements
15. Request for proposals (RFP) advertised for LOU Construction Management
16. Crystal City Station Improvements 30% Design Plans and environmental documentation

Ongoing projects:

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

*Projects Progress Report Follows*

## 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. <span style="color: red;">◆</span>	◆	◆	◆	N/A	●		
Rippon Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. <span style="color: red;">◆</span>	◆	●	●	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. <span style="color: red;">◆</span>	◆	●	●	N/A			
Leeland Road Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. <span style="color: red;">◆</span>	◆	●	●	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	-	*	531,457	35%	4th QTR 2022	●	FD underway with anticipated completion 4th QTR 2019.
16,150,000	16,150,000	-	*	714,349	35%	4th QTR 2022	●	FD underway with anticipated completion 4th QTR 2019.
16,634,793	16,634,793	-	*	387,599	25%	4th QTR 2023	●	PE design/EC completion pending CSXT design review with anticipated completion in 4th QTR 2019.
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	-	*	374,663	25%	4th QTR 2023	●	DRPT LONP received; REF grant pending. PE design/EC anticipated completion 4th QTR 2019.
15,527,090	15,527,090	-	*	338,830	25%	4th QTR 2023	●	DRPT LONP received; REF grant pending. PE design/EC anticipated completion 4th QTR 2019.
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	399,121	393,642	100%	2nd QTR 2023	■	DRPT LONP received. RFP posted for completion of PE & EC, with FD as an optional task.
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	159,065	5%	TBD		Reviewing and updating closing documents for land acquisition.
89,666,508	89,666,508	-	3,588,305	1,715,298	50%	4th QTR 2021		Reviewing preliminary design 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.



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