

# CEO REPORT

## JULY 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.





CEO REPORT | JULY 2019

## TABLE OF CONTENTS

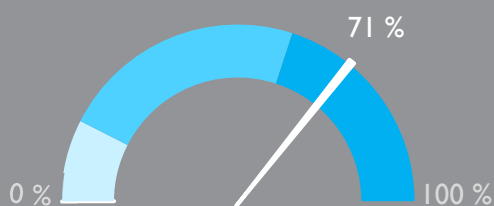
SUCCESS AT A GLANCE .....	3
ON-TIME PERFORMANCE .....	4
AVERAGE DAILY RIDERSHIP .....	6
SUMMONSES ISSUED .....	7
TRAIN UTILIZATION .....	8
PARKING UTILIZATION .....	9
FINANCIAL REPORT .....	10
FACILITIES UPDATE.....	11
UPCOMING PROCUREMENTS .....	12
CAPITAL PROJECTS UPDATES .....	13
PROJECTS PROGRESS REPORT .....	15



VIRGINIA RAILWAY EXPRESS  
A better way. A better life.

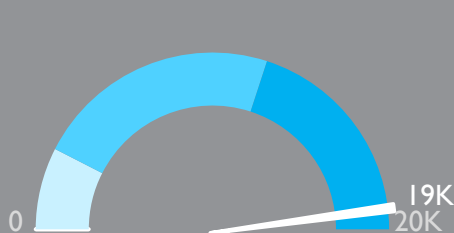


# SUCCESS AT A GLANCE



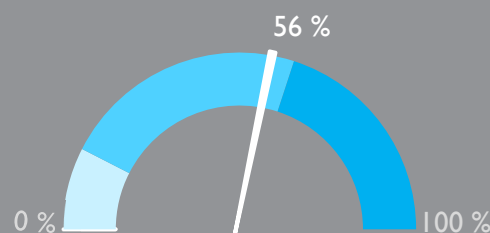
## PARKING UTILIZATION

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



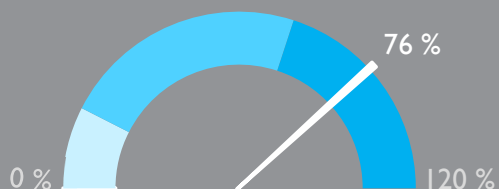
## AVERAGE DAILY RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings but excluding "S" schedule operating days.  
Same month, previous year: 19,246



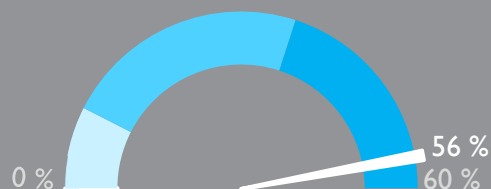
## ON-TIME PERFORMANCE

Percentage of trains that arrive at their destination within five minutes of the schedule.  
Same month, previous year: 92%



## 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%

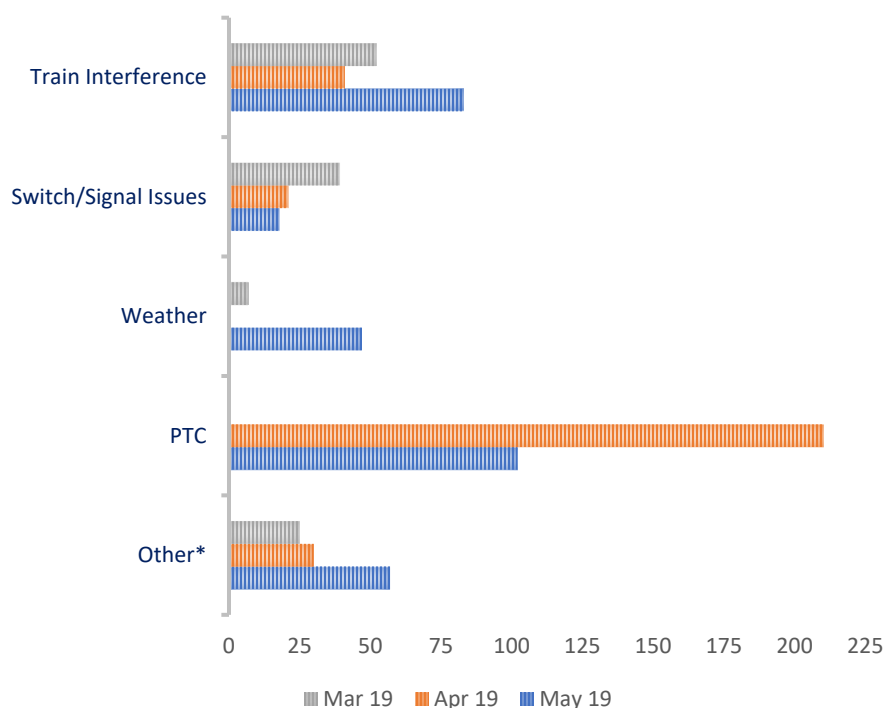
**MAY 2019**

# ON-TIME PERFORMANCE

## OUR RECORD

	May 2019	April 2019	May 2018
Manassas Line	44%	39%	84%
Fredericksburg Line	68%	76%	80%
System Wide	56%	57%	82%

## PRIMARY REASON FOR DELAY



VRE operated 704 trains in May, with an on-time performance rate of 56 percent.

Three hundred seven of the trains arrived more than five minutes late to their final destinations. One hundred ninety-six, or 64 percent, of those late trains were on the Manassas Line and one hundred eleven, or 36 percent, were on the Fredericksburg Line.

While PTC remained a large contributor to the low OTP, the number of PTC-related delays declined sharply from April. Train interference and weather-related issues were significantly higher for the month. May's systemwide OTP was relatively low, but PTC issues were much less of a factor.

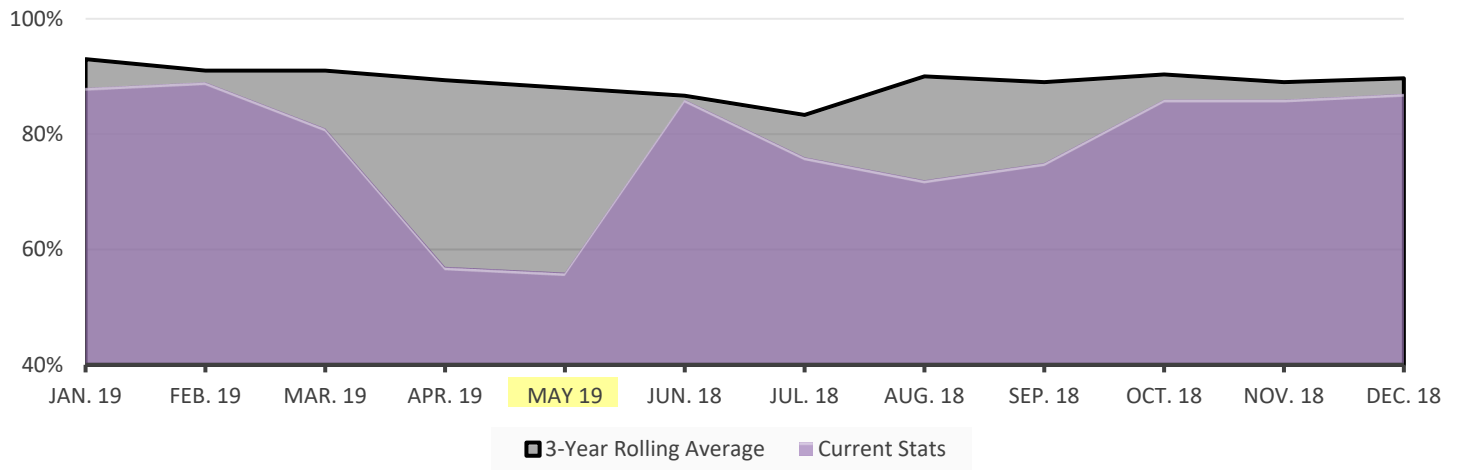
\*Includes trains that were delayed due to operational testing and passenger handling.

## LATE TRAINS

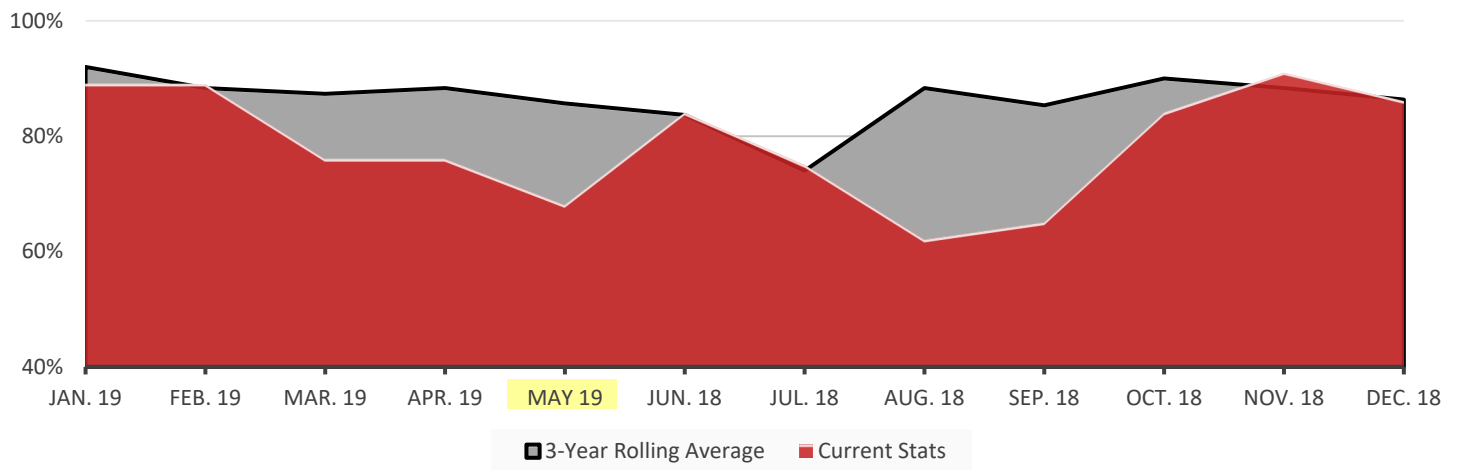
	System Wide			Fredericksburg Line			Manassas Line		
	Mar.	Apr.	May	Mar.	Apr.	May	Mar.	Apr.	May
Total late trains	126	302	307	81	86	111	45	216	196
Average minutes late	18	18	23	20	16	25	16	18	22
Number over 30 minutes	15	42	53	13	8	18	2	34	35



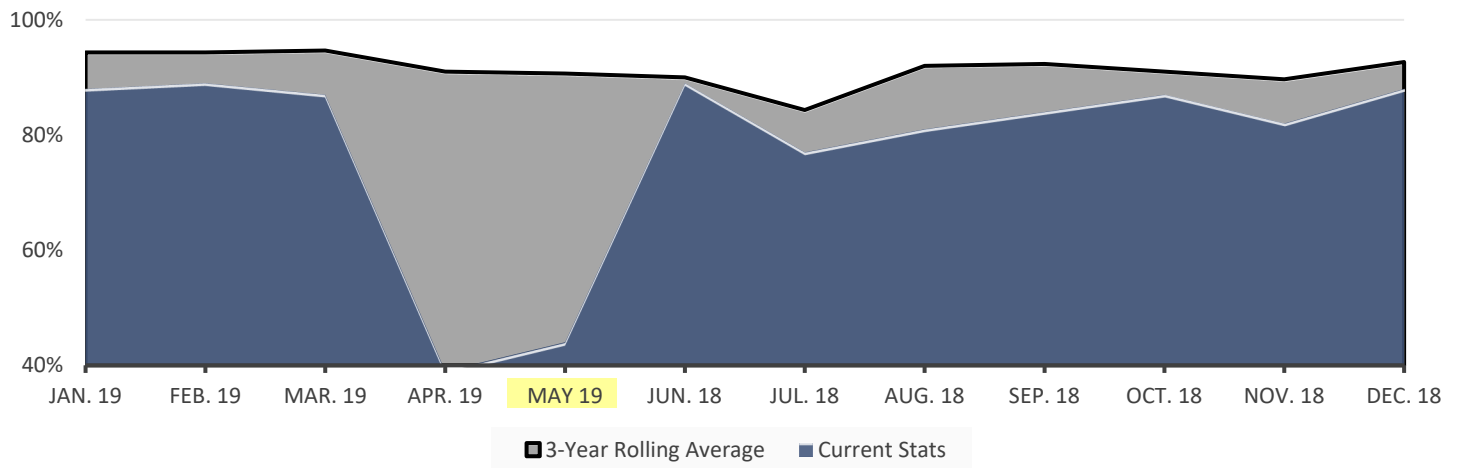
### VRE SYSTEM



### FREDERICKSBURG LINE

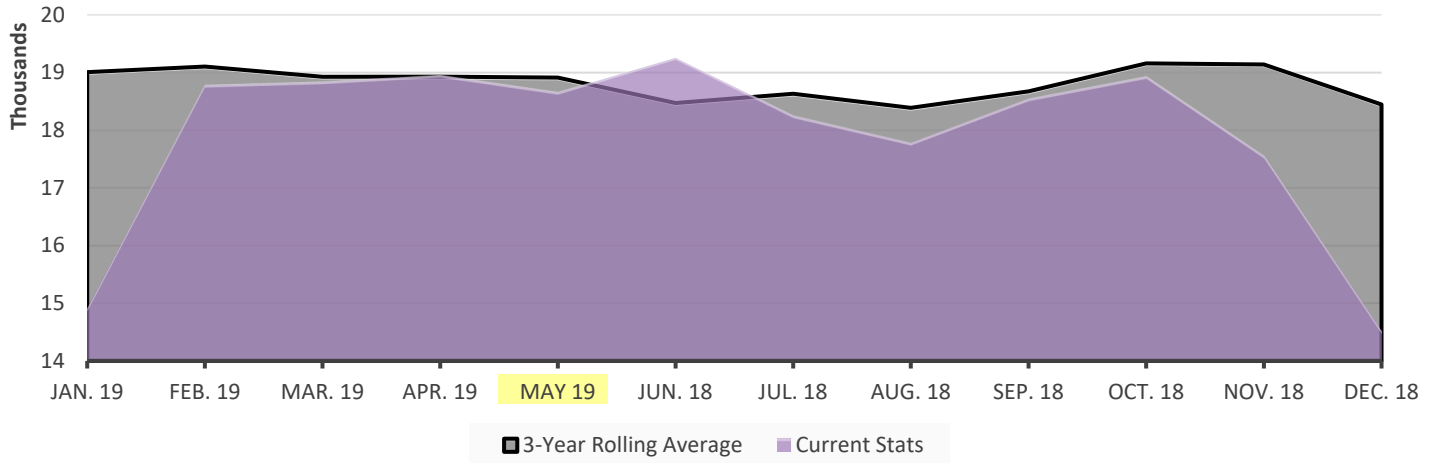


### MANASSAS LINE

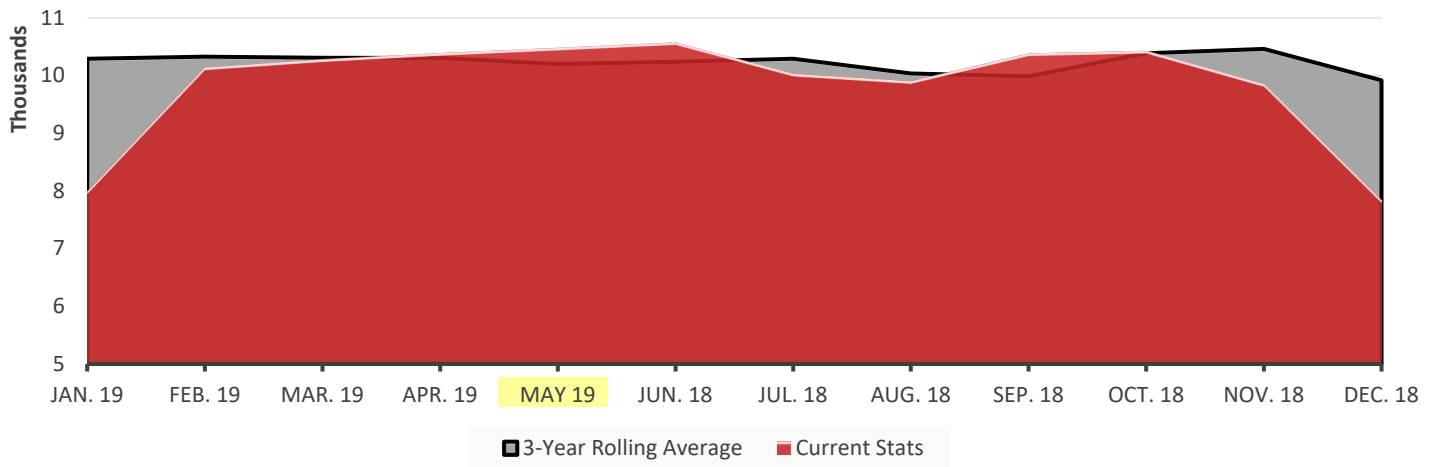


# AVERAGE DAILY RIDERSHIP

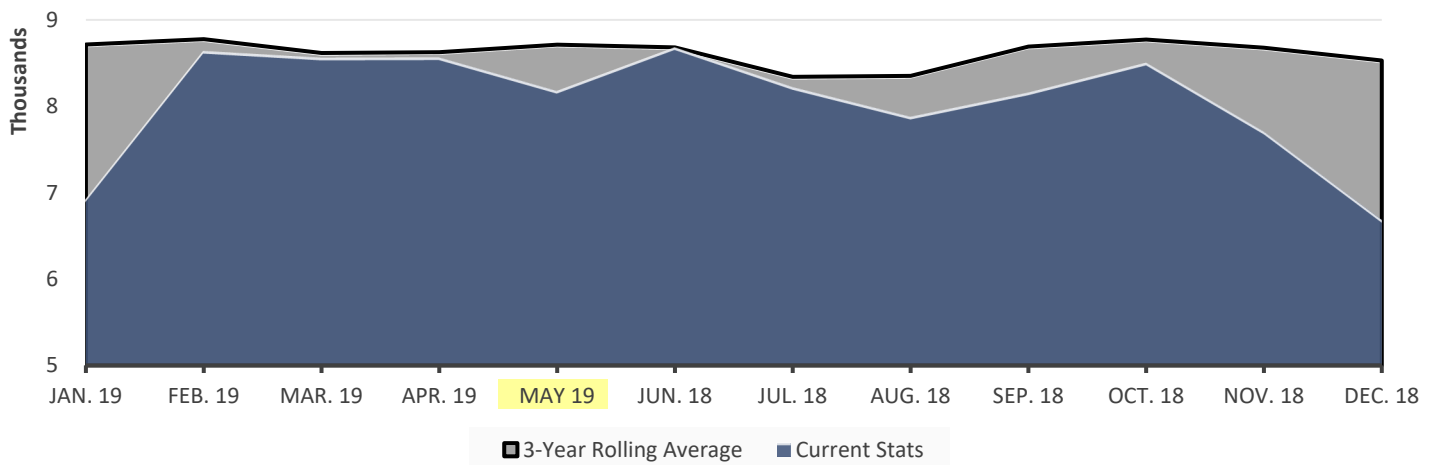
## VRE SYSTEM



## FREDERICKSBURG LINE



## MANASSAS LINE

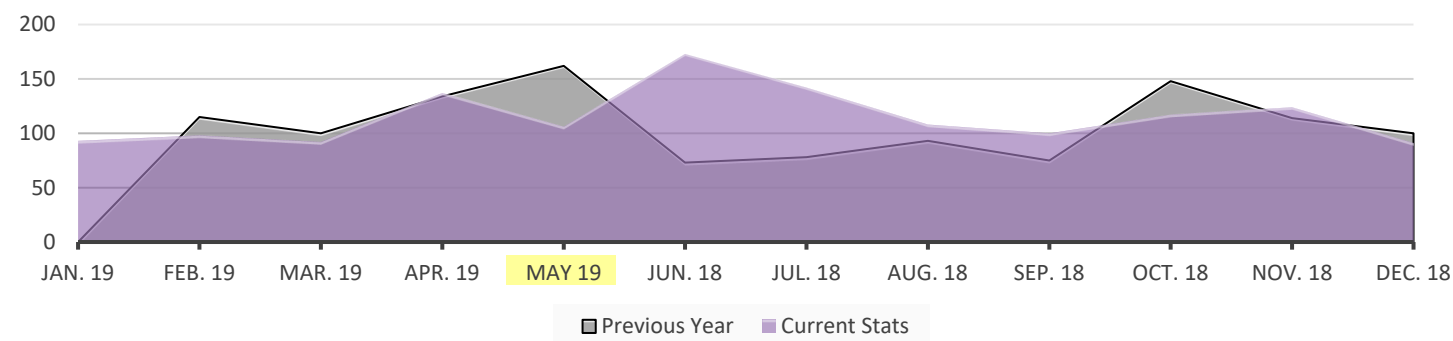


Average daily ridership (ADR) in May was approximately 18,500.

	May 2019	April 2019	May 2018
Monthly Ridership	410,431	416,890	421,292
Average Daily Ridership	18,656	18,950	19,150
Full Service Days	22	22	22
"S" Service Days	0	0	0

# SUMMONSES ISSUED

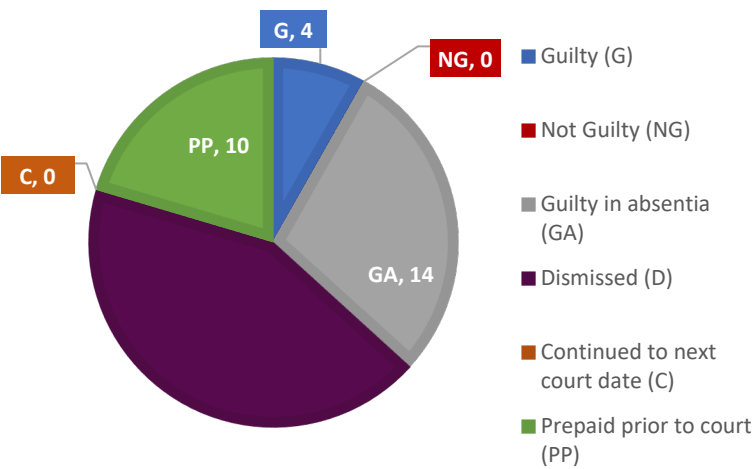
## VRE SYSTEM



## SUMMONSES WAIVED OUTSIDE OF COURT

Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	31
One-time courtesy	7
Per the request of the conductor	10
Defective ticket	1
Per Ops Manager	0
Unique circumstances	0
Insufficient information	1
Lost and found ticket	0
Other	0
<b>Total Waived</b>	<b>50</b>

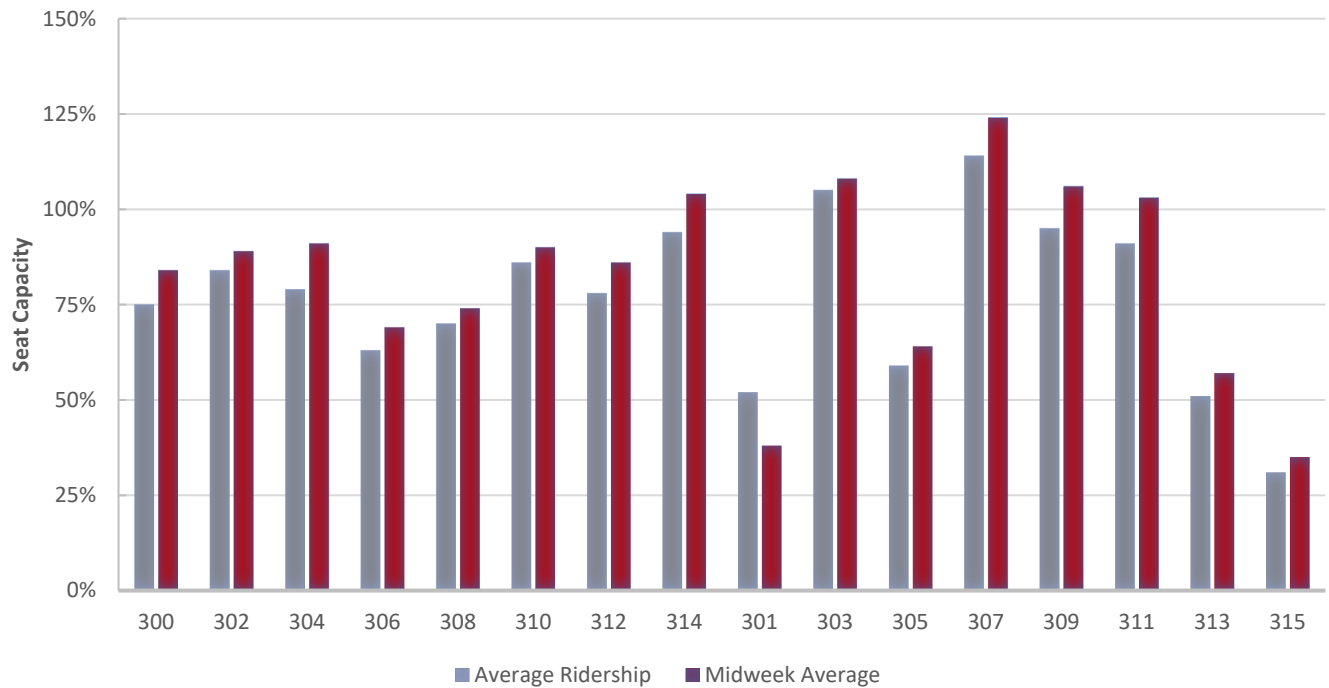
## MONTHLY SUMMONSES COURT ACTION



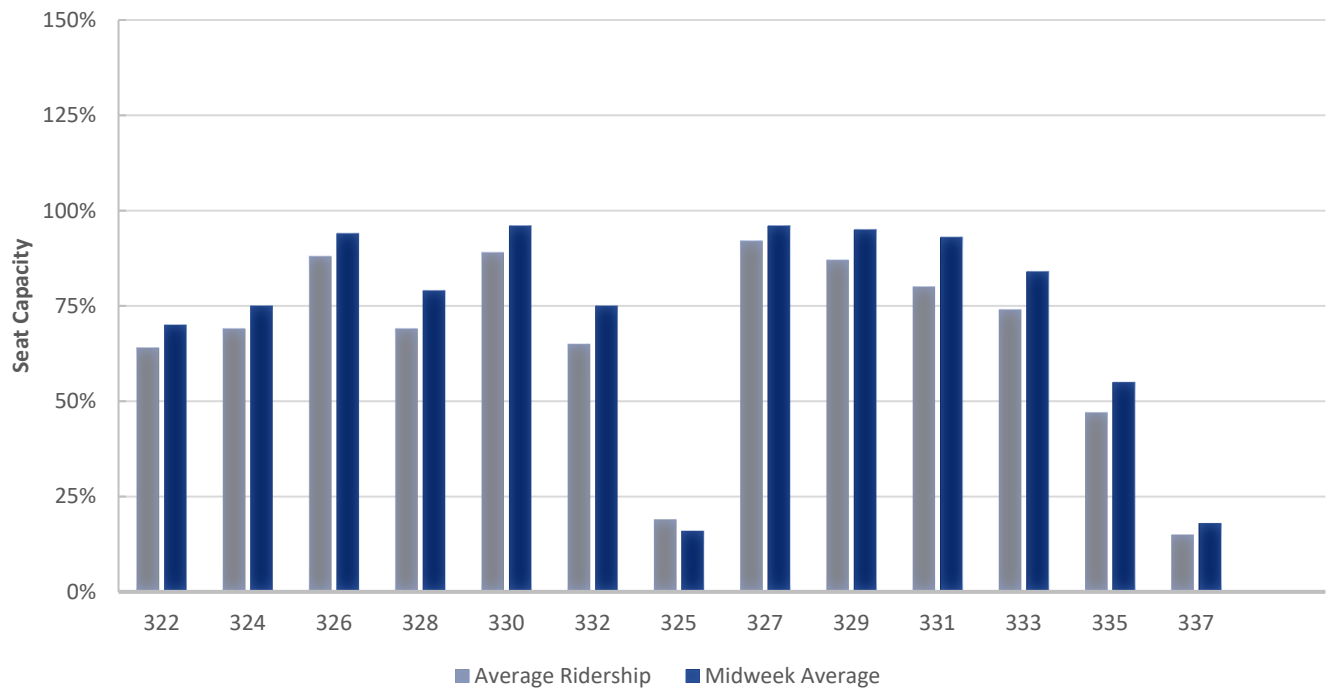


# TRAIN UTILIZATION

## FREDERICKSBURG LINE

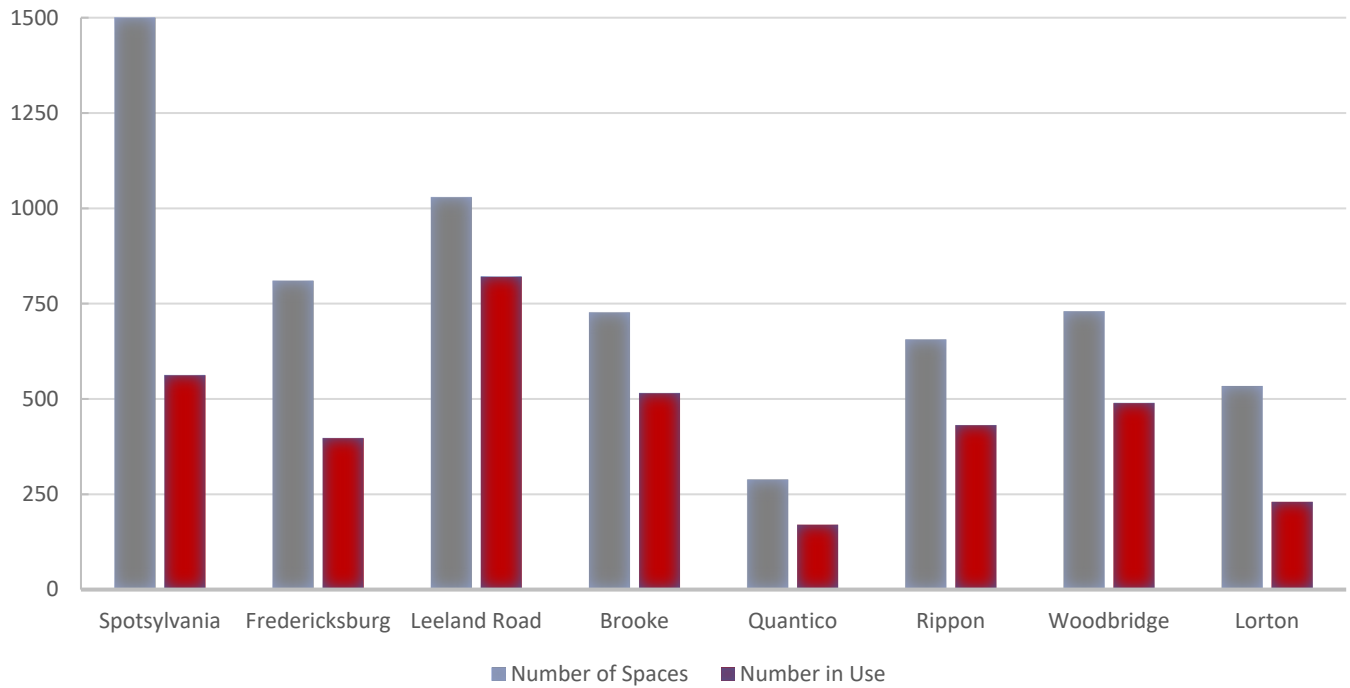


## MANASSAS LINE

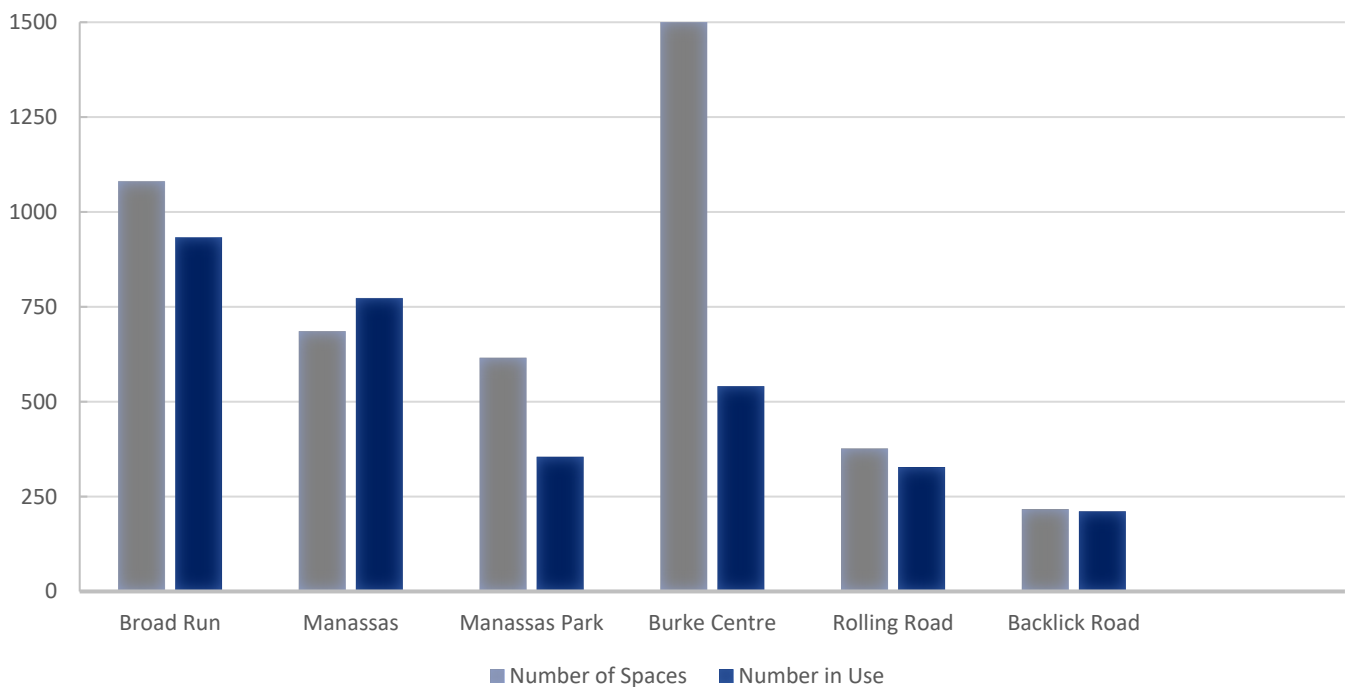


## PARKING UTILIZATION

### FREDERICKSBURG LINE



### MANASSAS LINE



## FINANCIAL REPORT

Fare revenue through the first 11 months of fiscal year (FY) 2019 is approximately \$650,000 below budget (an unfavorable variance of -1.7 percent) and 1 percent below the same period in FY 2018.

The operating ratio through May is 56 percent, which is above VRE's budgeted operating ratio of 52 percent for the full 12 months of FY 2019. VRE is required to budget a minimum operating ratio of 50 percent.

A summary of the FY 2019 financial results through May follows, including information on major revenue and expense categories. Please note that these figures are preliminary and unaudited.

FY 2019 Operating Budget Report							
Month Ended May 30, 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	3,628,598	3,731,200	38,358,325	39,008,000	(649,675)	-1.7%	42,400,000
Other Operating Revenue	769	19,800	360,394	207,000	153,394	74.1%	225,000
<b>Subtotal Operating Revenue</b>	<b>3,629,367</b>	<b>3,751,000</b>	<b>38,718,719</b>	<b>39,215,000</b>	<b>(496,281)</b>	<b>-1.3%</b>	<b>42,625,000</b>
Jurisdictional Subsidy (1)	-	-	17,767,748	17,767,748	-	0.0%	13,116,039
Federal/State/Other Jurisdictional Subsidy	2,621,192	2,607,577	28,288,607	28,507,083	(218,476)	-0.8%	31,388,025
Appropriation from Reserve/Other Income	-	87,120	-	910,800	(910,800)	0.0%	990,000
Interest Income	156,502	17,600	1,360,254	184,000	1,176,254	639.3%	200,000
<b>Total Operating Revenue</b>	<b>6,407,061</b>	<b>6,463,297</b>	<b>86,135,328</b>	<b>86,584,631</b>	<b>(449,303)</b>	<b>-0.5%</b>	<b>88,319,064</b>
<b>Operating Expenses</b>							
Departmental Operating Expenses	5,561,976	6,492,409	68,629,343	74,478,242	5,848,899	7.9%	82,050,714
Debt Service	510,273	510,273	5,613,850	5,613,005	(845)	0.0%	6,222,350
Other Non-Departmental Expenses	-	4,048	11,737	42,320	30,583	0.0%	46,000
<b>Total Operating Expenses</b>	<b>6,072,249</b>	<b>7,006,731</b>	<b>74,254,929</b>	<b>80,133,567</b>	<b>5,878,637</b>	<b>7.3%</b>	<b>88,319,064</b>
<b>Net income (loss) from Operations</b>	<b>334,811</b>	<b>(543,434)</b>	<b>11,880,399</b>	<b>6,451,064</b>	<b>5,429,335</b>		<b>-</b>
<b>Operating Ratio</b>			<b>56%</b>	<b>53%</b>	<b>Budgeted Goal</b>	<b>52%</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 waste and recycling receptacles at Leeland Road Station
2. Repairs to pedestrian grade crossing at Leeland Road Station
3. Repairs to platform concrete at L'Enfant Station
4. Repairs to drainage ditch at Broad Run yard

### Projects scheduled to be completed this quarter:

1. Issuance of Invitation for Bids (IFB) for painting of Franconia-Springfield Station
2. Replacement of privacy fence at Leeland Road Station
3. Repairs to platform concrete at Manassas Station
4. Design of Phase 2 renovations to Alexandria Headquarters Suite 202

### Projects scheduled to be initiated this quarter:

1. Design of platform widening at L'Enfant Station
2. Replacement of tactile warning strip at L'Enfant Station
3. Repairs to drainage pipe at Leeland Road Station
4. Replacement of signage at additional stations (locations to be determined)

### Ongoing projects:

1. Development of specifications 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



*Broad Run yard drainage repairs (before)*



*Broad Run yard drainage repairs (after)*



# 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 Benchmark Road slope stabilization (Hamilton to Crossroads closeout)
- 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
- State government relations services
- Website management services
- Purchase of forklift trucks

## CAPITAL PROJECTS UPDATES

The following is a status update of VRE capital projects.

### Completed projects or major project milestones:

1. Broad Run Expansion (BRX) 30 percent design plans submitted
2. New York Avenue Midday Storage Replacement Facility – Federal Transit Administration provided environmental clearance for the project, which completes the environmental review process; continuing due-diligence activities on potential property acquisitions, including title and appraisal work as well as preliminary design and coordination with Amtrak.

### Projects or project phases scheduled to be completed this quarter:

3. Brooke Station Improvements (BKV) 30 percent design plans
4. Lorton Station Second Platform (LOR) 60 percent design plans
5. Franconia-Springfield Station Improvements (FRS) 60 percent design plans
6. Construction of temporary platform for Quantico Station Improvements

### Projects or project phases scheduled to be initiated this quarter:

7. IFB for construction of Rolling Road Station Improvements
8. Construction of temporary platform for Quantico Station Improvements
9. Request for proposals (RFP) advertised for Lifecycle Overhaul and Upgrade Facility construction management
10. Crystal City Station Improvements 30 percent design plans and environmental documentation
11. IFB for construction of Benchmark Road Slope Stabilization (Hamilton to Crossroads closeout)

### 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
16. Lifecycle Overhaul and 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. Long Bridge Project environmental impact statement – *study by others*
32. Washington Union Station Improvements environmental impact statement – *study by others*
33. 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>◆</span>	◆	◆	◆	N/A	●		
Lorton Station Improvements	Construct new second platform with pedestrian overpass. <span>◆</span>	◆	◆	◆	N/A	●		
Rippon Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. <span>◆</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>◆</span>	◆	●	●	N/A			
Leeland Road Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. <span>◆</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	-	*	412,269	35%	4th QTR 2022	●	FD underway with anticipated completion 4th QTR 2019.
16,150,000	16,150,000	-	*	680,812	35%	4th QTR 2022	●	FD underway with anticipated completion 4th QTR 2019.
16,634,793	16,634,793	-	*	384,345	25%	4th QTR 2023	●	PE design/EC completion pending CSXT design review with anticipated completion in 3rd 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	111,374.24	830,833	30%	TBD	●	FD start 1st QTR 2019. SMART SCALE grant agreement pending.
23,391,019	23,391,019	-	*	300,523	25%	4th QTR 2023	●	DRPT LONP received; REF grant pending. PE design/EC anticipated completion 3rd QTR 2019.
15,527,090	15,527,090	-	*	313,514	25%	4th QTR 2023	●	DRPT LONP received; REF grant pending. PE design/EC anticipated completion 3rd 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	-	442,900	335,534	80%	3rd QTR 2020	●	Invitation for Bids (IFB) pending start 2019 construction season and NS Construction Agreement.
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 16.5 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 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

ESTIMATED COSTS (\$)						STATUS		
Total <sup>1</sup>	Funded	Unfunded	Authorized	Expended <sup>2</sup>	Percent Complete <sup>1</sup>	Project Completion Date		
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%	3rd 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	144,549	5%	TBD		Submitted documentation to Spotsylvania County Planning and Zoning with follow-up County Board
89,666,508	89,666,508	-	3,588,305	1,567,890	40%	4th QTR 2020		Preliminary design is underway and conducted site visit; Reviewing title/appraisal work; NEPA documentation submitted to FTA.
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.
137,230,000	83,825,501	53,404,499	5,222,796	4,517,966	90%	4th QTR 2022		Completion of PE design and EC 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.



## VIRGINIA RAILWAY EXPRESS

1500 KING STREET, SUITE 202 • ALEXANDRIA, VA 22314 • 703.684.1001

[VRE.ORG](http://VRE.ORG)

