

# CEO REPORT

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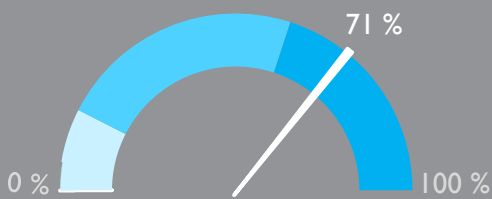
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VIRGINIA RAILWAY EXPRESS  
A better way. A better life.



# SUCCESS AT A GLANCE



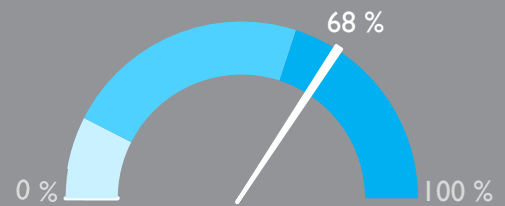
PARKING  
UTILIZATION

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



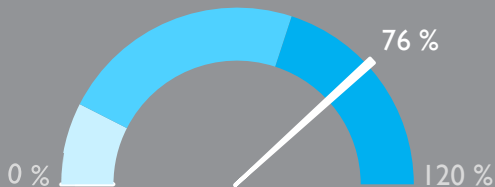
AVERAGE DAILY  
RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings but excluding "S" schedule operating days.  
Same month, previous year: 19,255



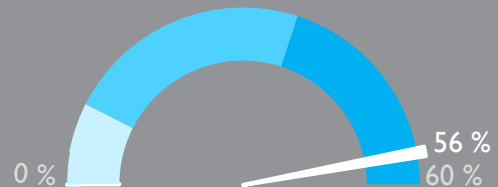
ON-TIME  
PERFORMANCE

Percentage of trains that arrive at their destination within five minutes of the schedule.  
Same month, previous year: 86%



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%

JUNE 2019

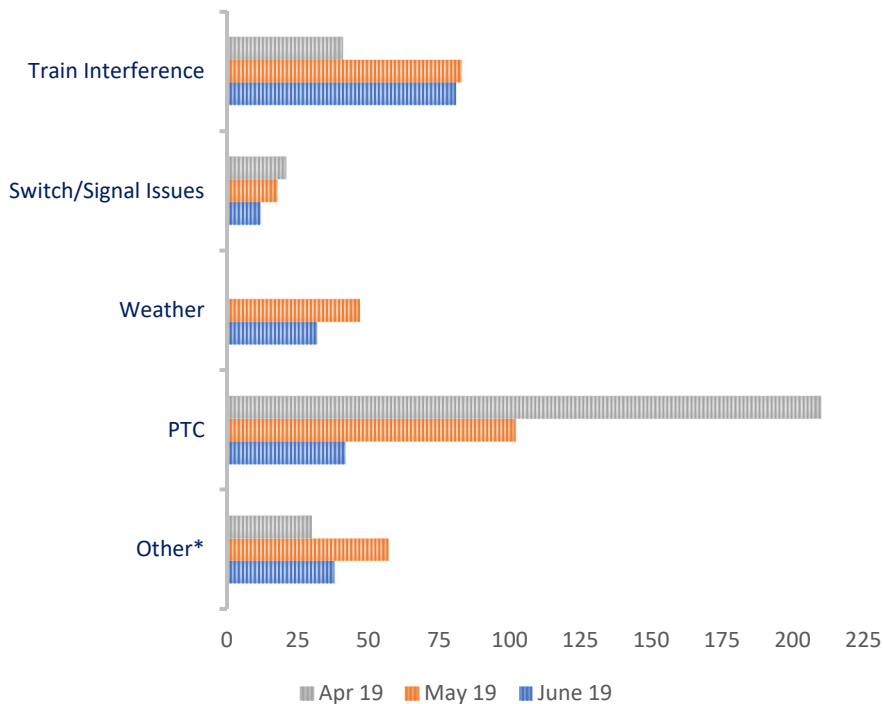


# ON-TIME PERFORMANCE

## OUR RECORD

	June 2019	May 2019	June 2018
Manassas Line	69%	44%	89%
Fredericksburg Line	67%	68%	84%
System Wide	68%	56%	86%

## PRIMARY REASON FOR DELAY



VRE operated 640 trains in June. Our on-time rate for June was 68 percent.

Two hundred five trains arrived more than five minutes late to their final destinations. Of those late trains, 99 were on the Manassas Line (48 percent), and 106 were on the Fredericksburg Line (52 percent).

Positive Train Control delays decreased in June, the second month of significant improvement. Train interference remained steady from last month and, coupled with weather-related issues (on eight of the last 10 service days trains operated under heat restrictions), allowed for muted improvement in June's OTP.

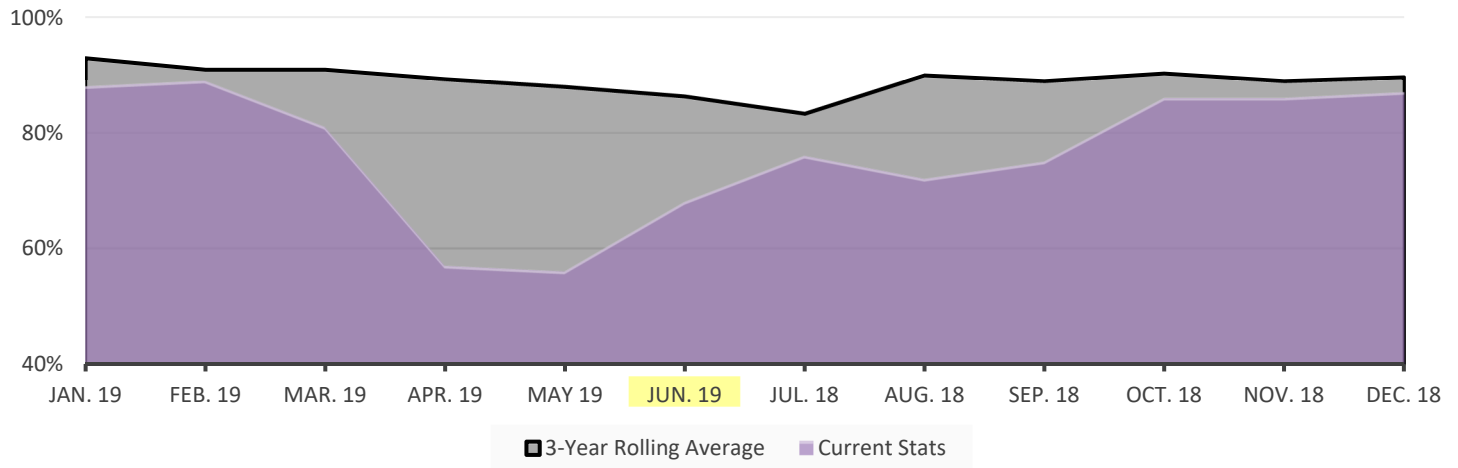
\*Includes trains that were delayed due to operational testing and passenger handling.

## LATE TRAINS

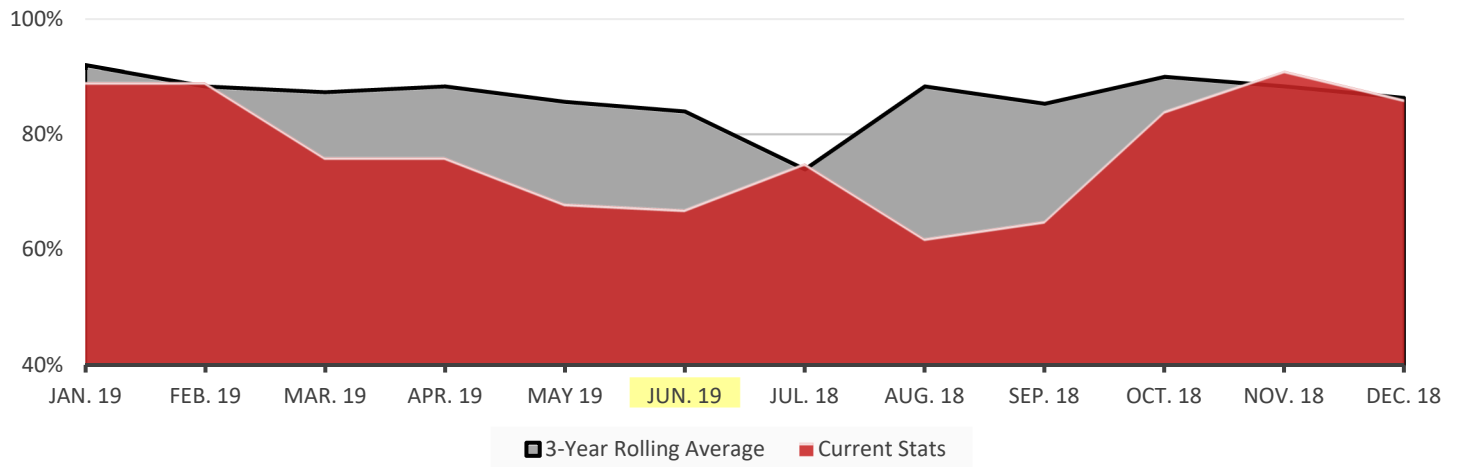
	System Wide			Fredericksburg Line			Manassas Line		
	Apr.	May	June	Apr.	May	June	Apr.	May	June
Total late trains	302	307	205	86	111	106	216	196	99
Average minutes late	18	23	14	16	25	13	18	22	16
Number over 30 minutes	42	53	14	8	18	4	34	35	10
Heat restrictions	0	8	10						

## ON-TIME PERFORMANCE

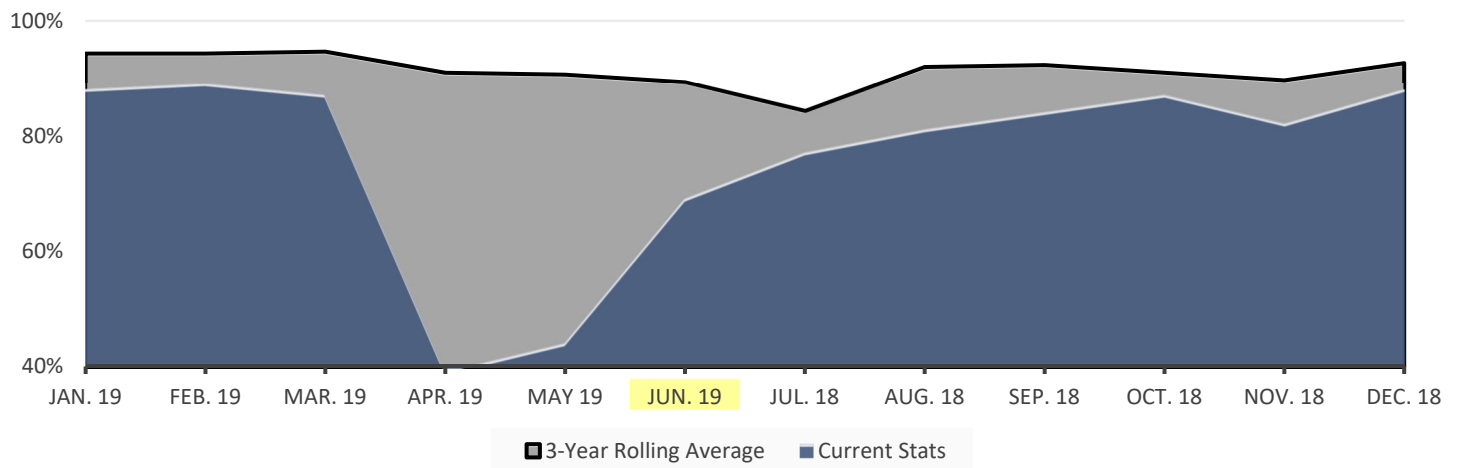
### VRE SYSTEM



### FREDERICKSBURG LINE

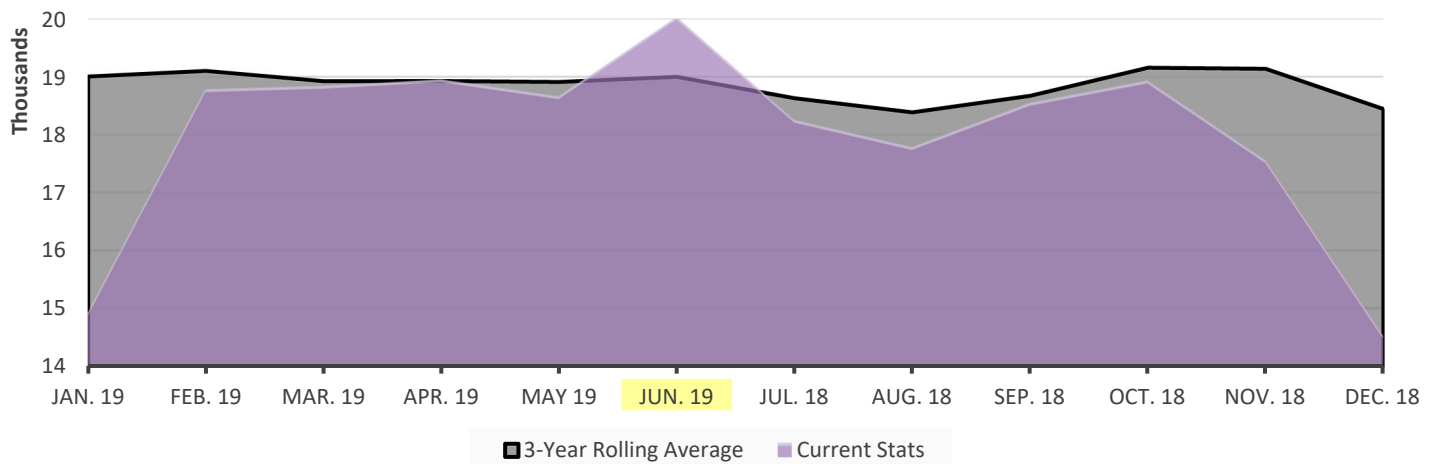


### MANASSAS LINE

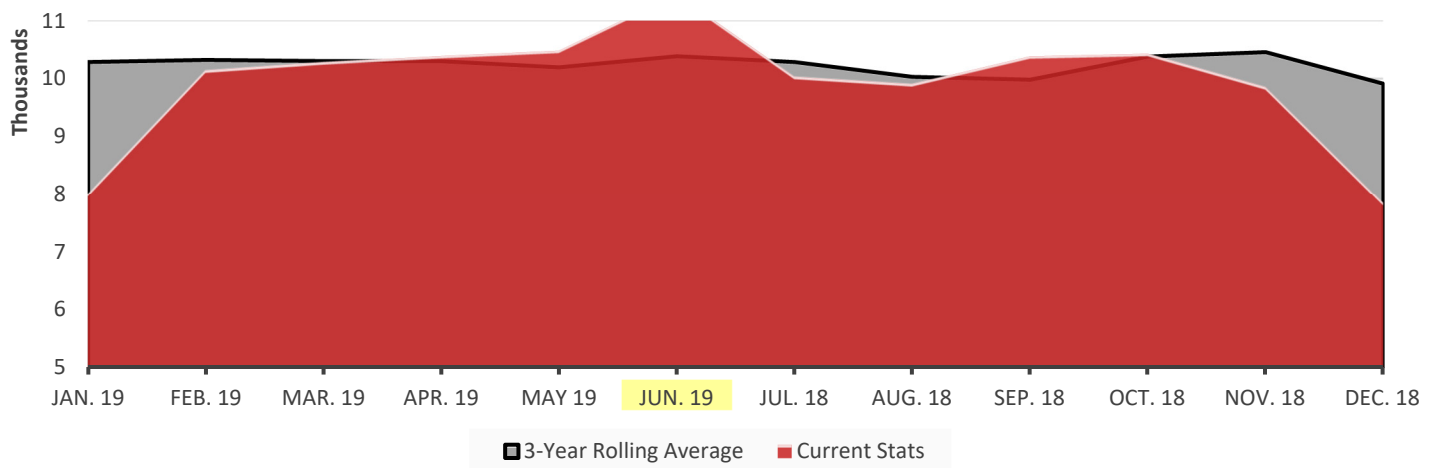


# AVERAGE DAILY RIDERSHIP

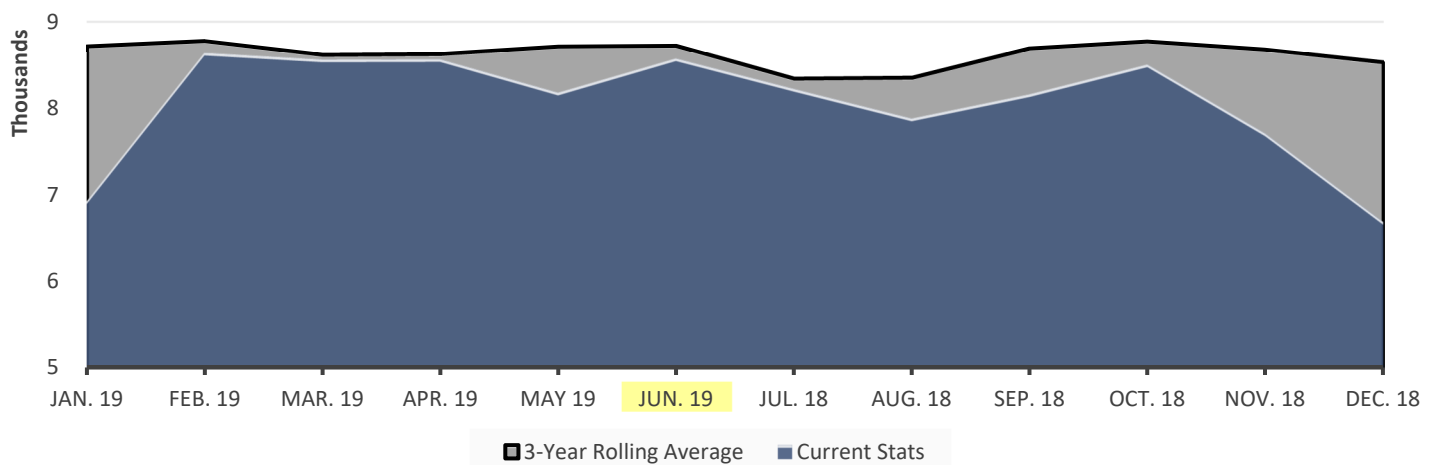
## VRE SYSTEM



## FREDERICKSBURG LINE



## MANASSAS LINE



AUGUST 2019

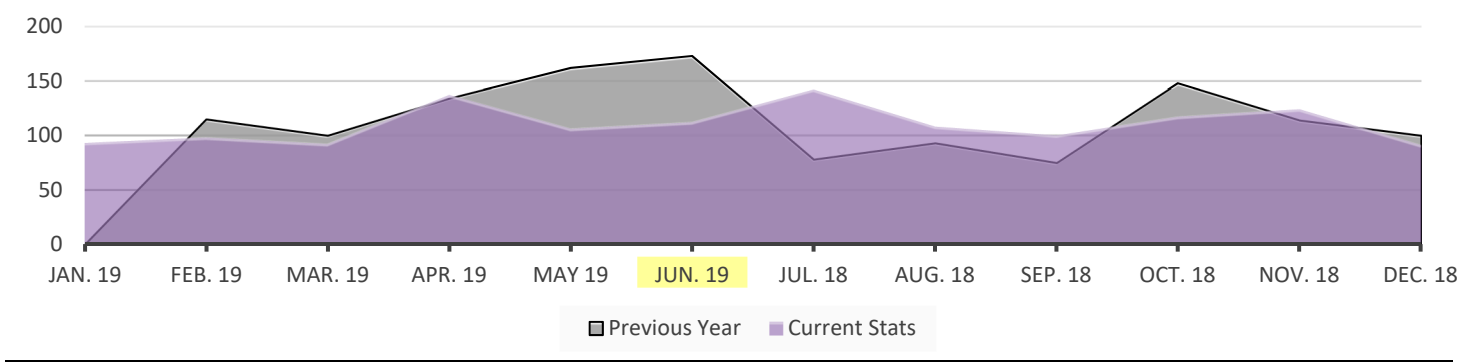
## RIDERSHIP UPDATES

Average daily ridership (ADR) in June was approximately 20,000.

	June 2019	May 2019	June 2018
Monthly Ridership	400,597	410,431	428,006
Average Daily Ridership	20,030	18,656	19,255
Full Service Days	20	22	22
“S” Service Days	0	0	0

## SUMMONSES ISSUED

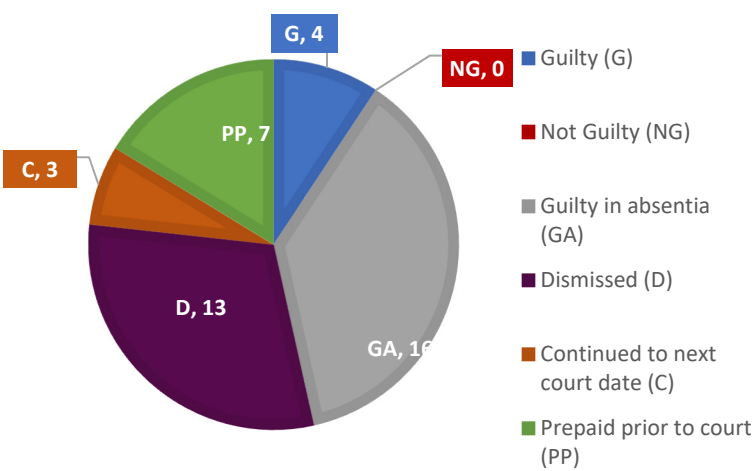
### VRE SYSTEM



### SUMMONSES WAIVED OUTSIDE OF COURT

Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	15
One-time courtesy	6
Per the request of the conductor	10
Defective ticket	0
Per Ops Manager	0
Unique circumstances	0
Insufficient information	9
Lost and found ticket	0
Other	2
<b>Total Waived</b>	<b>42</b>

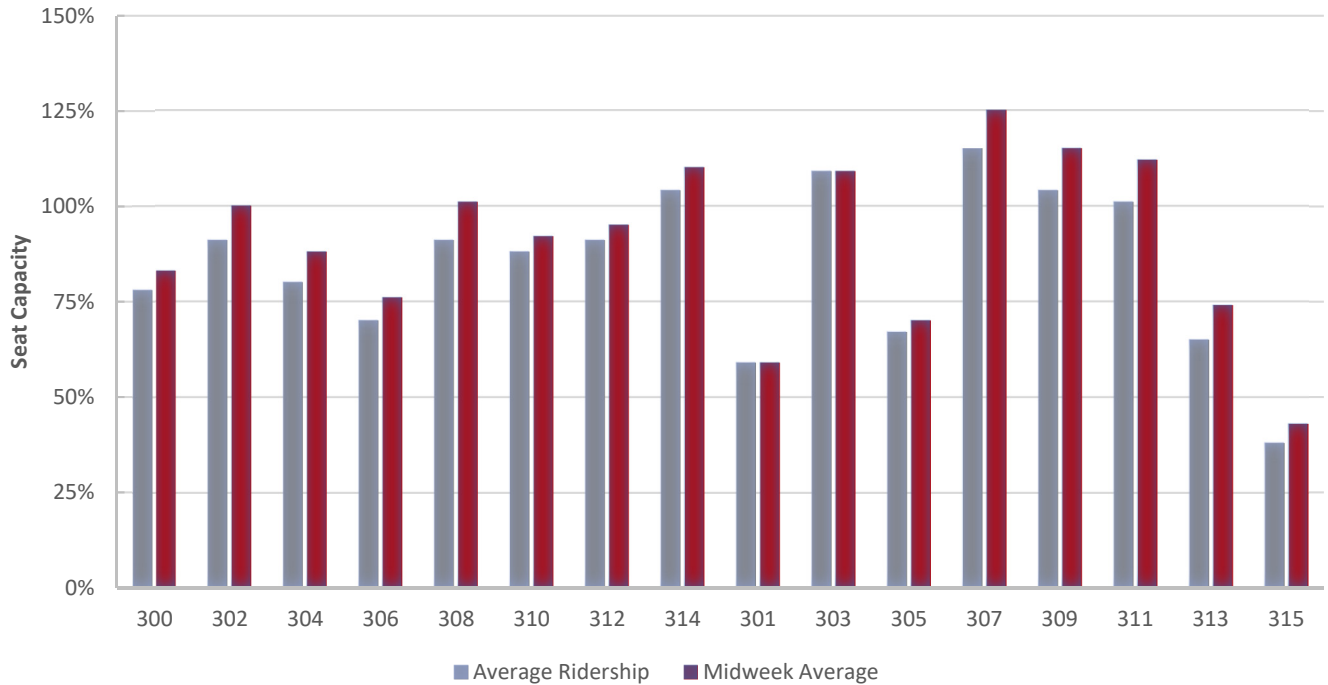
### MONTHLY SUMMONSES COURT ACTION



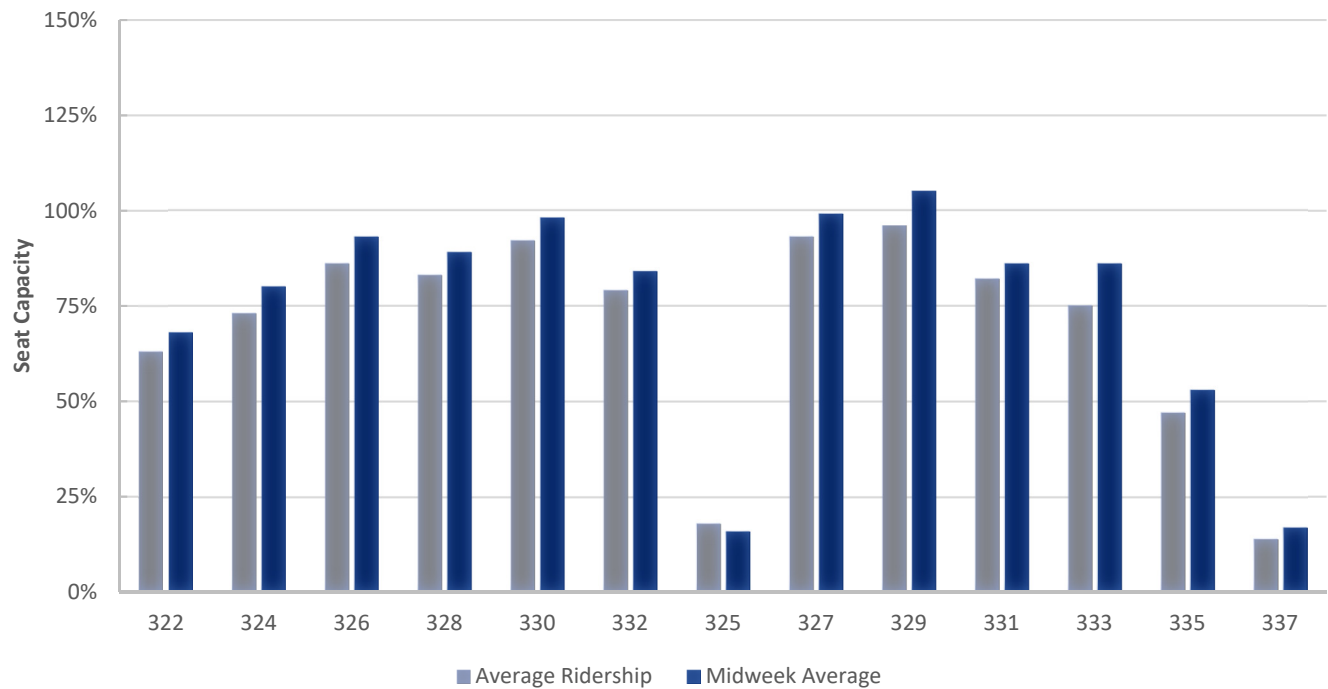


# TRAIN UTILIZATION

## FREDERICKSBURG LINE

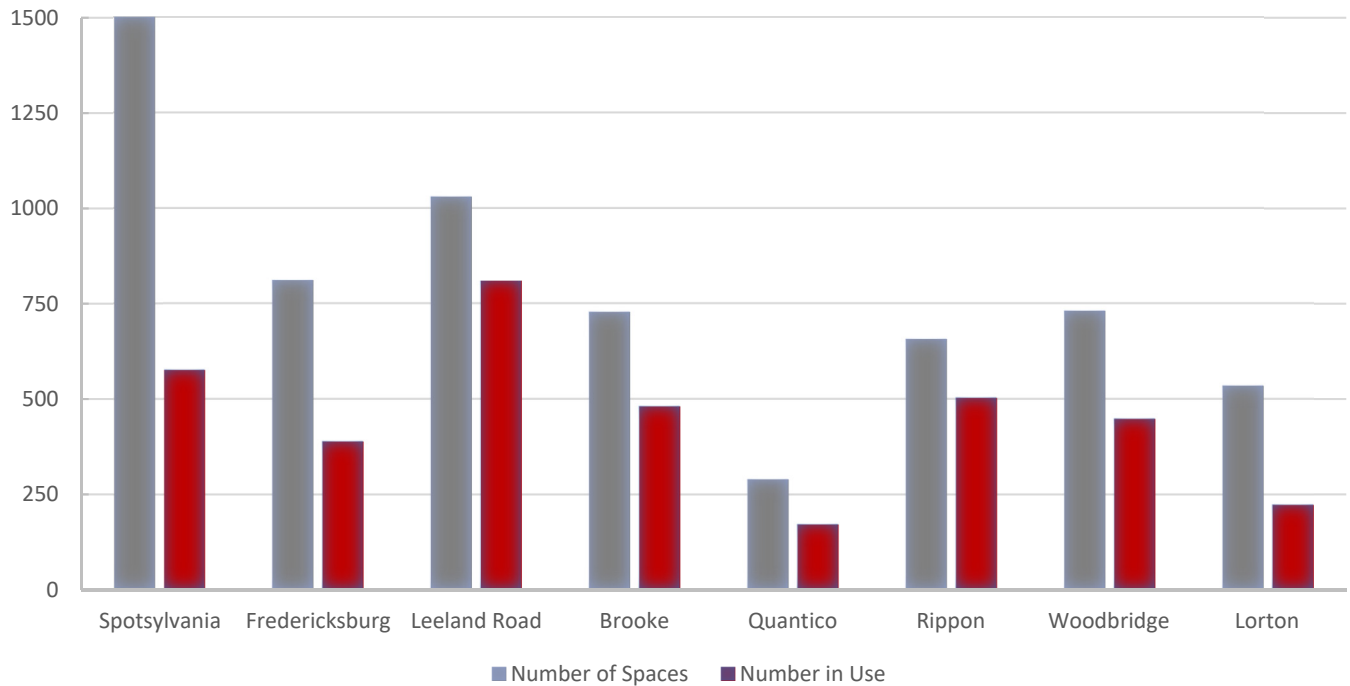


## MANASSAS LINE

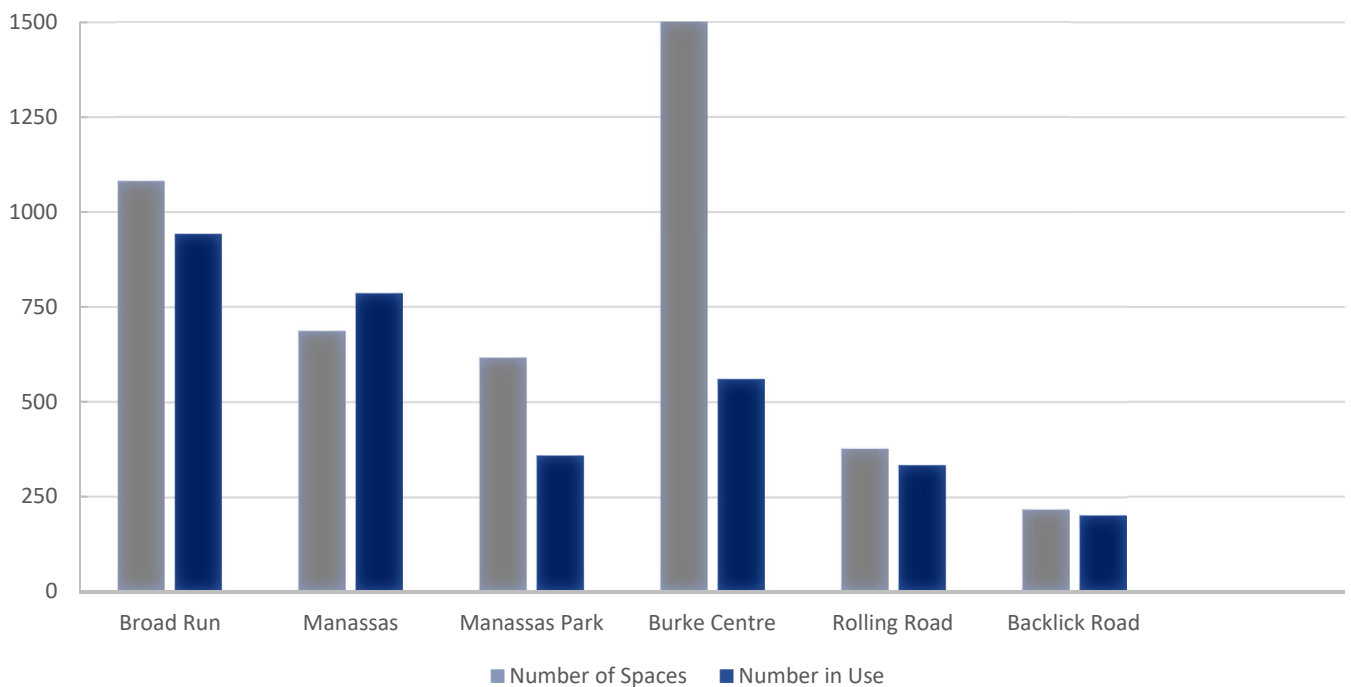


## PARKING UTILIZATION

### FREDERICKSBURG LINE



### MANASSAS LINE



## FINANCIAL REPORT

Due to the end of fiscal year finance audit, the financial report will not appear this month. The reports for July and fiscal year 2019 will appear in the September CEO Report.

## FACILITIES UPDATE

The following is a status update of VRE facilities projects.

### Completed projects:

1. Replacement of privacy fence at Leeland Road Station

### Projects scheduled to be completed this quarter:

1. Replacement of tactile warning strip at L'Enfant Station
2. Repairs to drainage pipe 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. Installation of electrical conduits and conductors for Variable Messaging System (VMS) at Alexandria and Fredericksburg Stations
3. Replacement of Track 8 wayside power electrical conductors at Broad Run Yard
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



# 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
- Final design services for VRE Broad Run expansion
- Email and text message communication system

## CAPITAL PROJECTS UPDATES

The following is a status update of VRE capital projects.

### Completed projects or major project milestones:

1. New York Avenue Midday Storage Replacement Facility – Updated and communicated environmental approval to project stakeholders; continuing due-diligence activities on potential property acquisitions, including title and appraisal work as well as preliminary design effort and collaboration with Amtrak.
2. Lorton Station Second Platform (LOR) 60% design plans submitted to CSXT
3. Franconia-Springfield Station Improvements (FRS) 60% design plans submitted to CSXT
4. Rippon Station Improvements (RIP) 30% design plans submitted to CSXT
5. Leeland Road Station Improvements (LLR) 30% design plans submitted to CSXT
6. Brooke Station Improvements (BKV) 30% design plans complete

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

7. Brooke Station Improvements (BKV) Environmental Documentation
8. Leeland Road Station Second Platform (LLR) Environmental Documentation
9. Construction of temporary platform for Quantico Station Improvements
10. Broad Run Expansion (BRX) Section 106 Consultation

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

11. IFB for construction of Rolling Road Station Improvements
12. Construction of temporary platform for Quantico Station Improvements
13. Request for proposals (RFP) advertised for LOU Construction Management
14. Crystal City Station Improvements 30% Design Plans and environmental documentation
15. IFB for construction of Benchmark Road Slope Stabilization (Hamilton to Crossroads closeout)

### Ongoing projects:

16. Broad Run Expansion (BRX)
17. Manassas Park Parking Improvements
18. Rolling Road Station Improvements

19. Crossroads Maintenance and Storage Facility (MSF) – land acquisition
20. Lifecycle Overhaul & Upgrade Facility (LOU)
21. Benchmark Road Slope Stabilization (Hamilton to Crossroads closeout)
22. Leeland Road Station Improvements
23. Brooke Station Improvements
24. Quantico Station Improvements
25. Rippon Station Improvements
26. Lorton Station Second Platform
27. Franconia-Springfield Station Improvements
28. Alexandria Station Improvements
29. Alexandria Station Track I Access (Slaters Lane)
30. Crystal City Station Improvements
31. L'Enfant Train Storage Track - South
32. L'Enfant Station Improvements
33. New York Avenue Midday Storage Facility
34. Potomac Shores VRE Station – *design by others*
35. Long Bridge Project Environmental Impact Statement – *study 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>◆</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	-	*	524,841	35%	4th QTR 2022	● FD underway with anticipated completion 4th QTR 2019.
16,150,000	16,150,000	-	*	707,666	35%	4th QTR 2022	● FD underway with anticipated completion 4th QTR 2019.
16,634,793	16,634,793	-	*	386,591	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	111,374.24	830,833	30%	TBD	● FD start 1st QTR 2019. SMART SCALE grant agreement pending.
23,391,019	23,391,019	-	*	364,192	25%	4th QTR 2023	● DRPT LONP received; REF grant pending. PE design/EC anticipated completion 4th QTR 2019.
15,527,090	15,527,090	-	*	326,038	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 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

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	156,549	5%	TBD		Spotsylvania County Planning and Zoning approved special use permit with follow-up by County Board.
89,666,508	89,666,508	-	3,588,305	1,680,412	50%	4th QTR 2020		Preliminary design continues as well as due diligence as part of real estate acquisition; NEPA documentation approved by 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.
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.



## VIRGINIA RAILWAY EXPRESS

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