

CEO REPORT

OCTOBER 2017



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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RIDE MAGAZINE, OCTOBER ISSUE 24





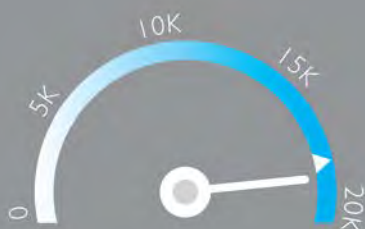
SUCCESS AT A GLANCE

Data provided reflects August 2017 information.



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.



ON-TIME PERFORMANCE

Percentage of trains that arrive at their destination within five minutes of the schedule.

▲ Same month, previous year.



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.

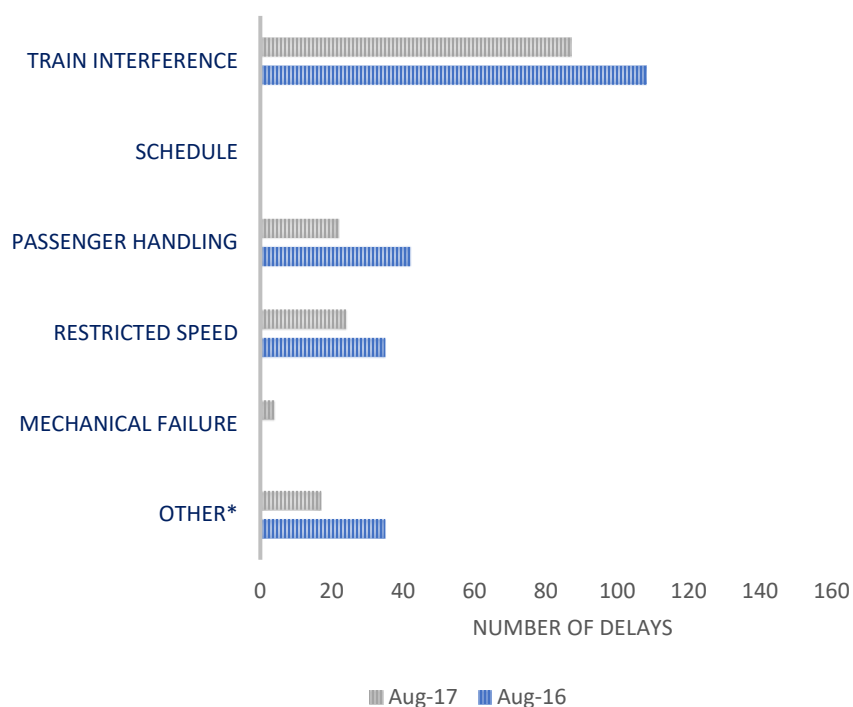
◆ Board-established goal.

ON-TIME PERFORMANCE

OUR RECORD

	August 2017	July 2017	August 2016
Manassas Line	92%	82%	96%
Fredericksburg Line	84%	73%	80%
System Wide	88%	77%	88%

REASONS FOR DELAYS



VRE operated 736 trains in August. Our on-time rate for August was 88%. Eighty-six of the 736 trains arrived more than five minutes late to their final destinations. There were twenty-eight late trains on the Manassas Line and fifty-eight late trains on the Fredericksburg Line.

We narrowly missed our 90% on-time goal for this month due primarily to ongoing rail improvements which add congestion. In this saturated system, any one incident can impact several trains later in the schedule. However, the average minutes late are down for both lines, and no train experienced a delay over thirty minutes.

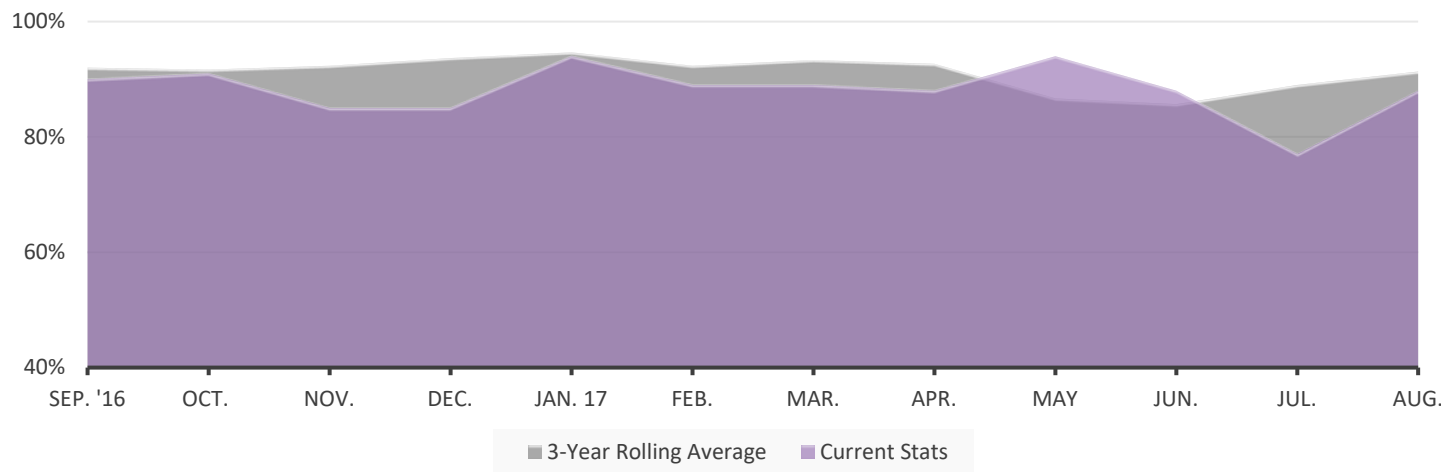
*Includes those trains that were delayed due to late turns, weather, signal/switch failures and maintenance of way.

LATE TRAINS

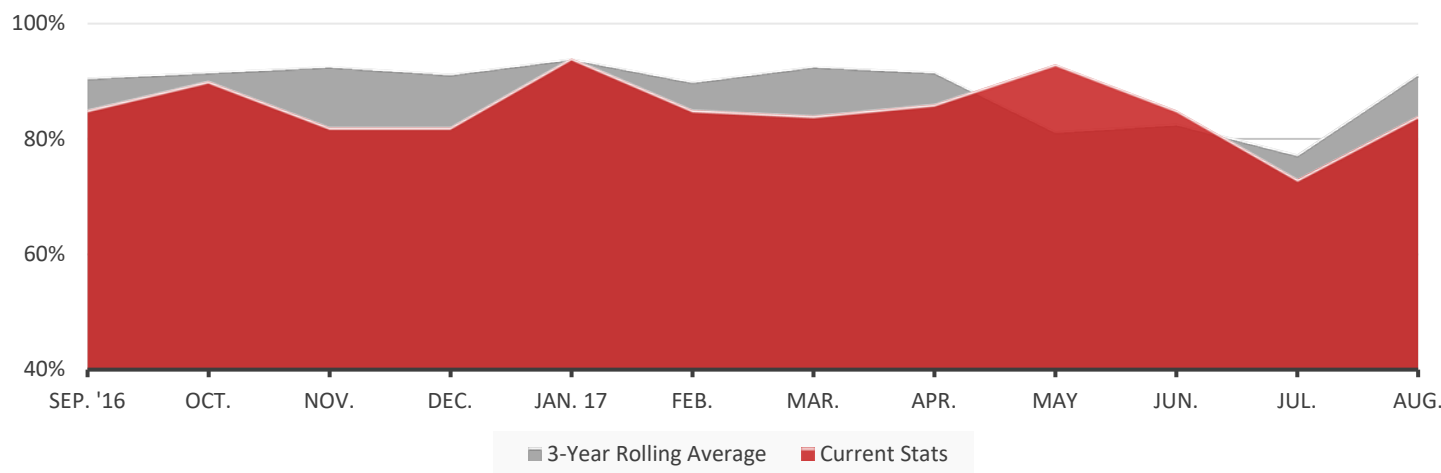
	System Wide			Fredericksburg Line			Manassas Line		
	Jun.	Jul.	Aug.	Jun.	Jul.	Aug.	Jun.	Jul.	Aug.
Total late trains	86	145	86	53	86	58	33	59	28
Average minutes late	14	15	11	15	17	12	12	13	11
Number over 30 minutes	4	13	0	3	10	0	1	3	-
Heat restriction days / total days	5/22	12/20	4/23						

ON-TIME PERFORMANCE

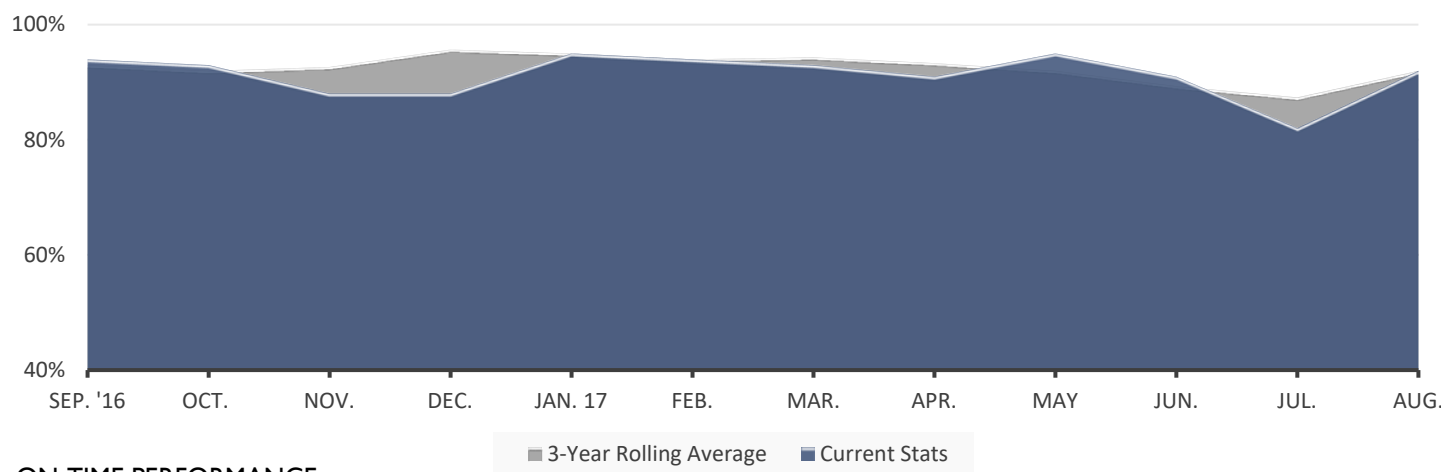
VRE SYSTEM



FREDERICKSBURG LINE

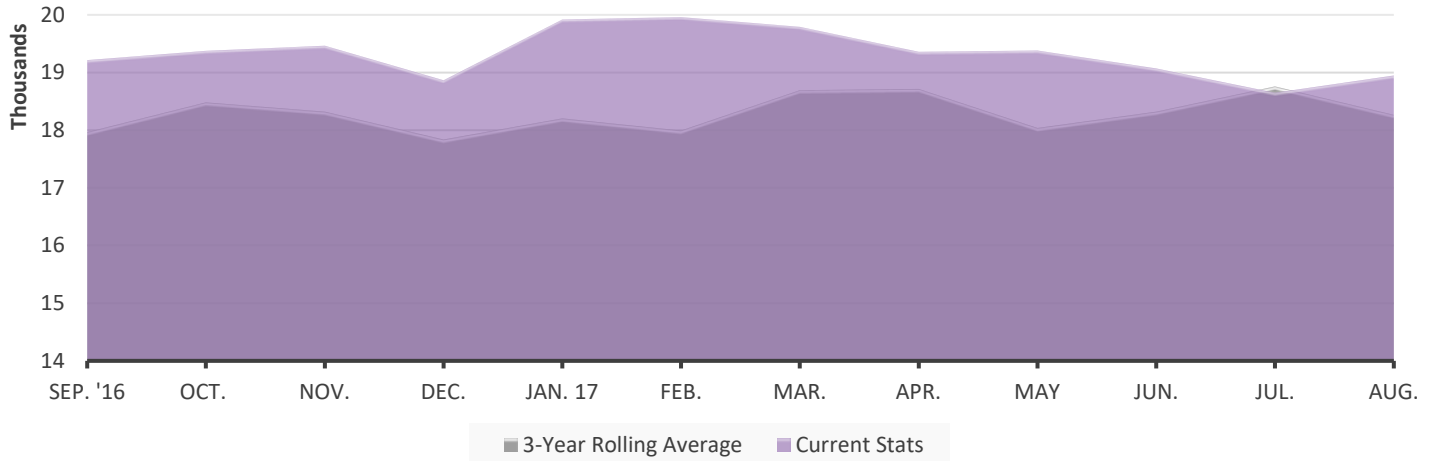


MANASSAS LINE

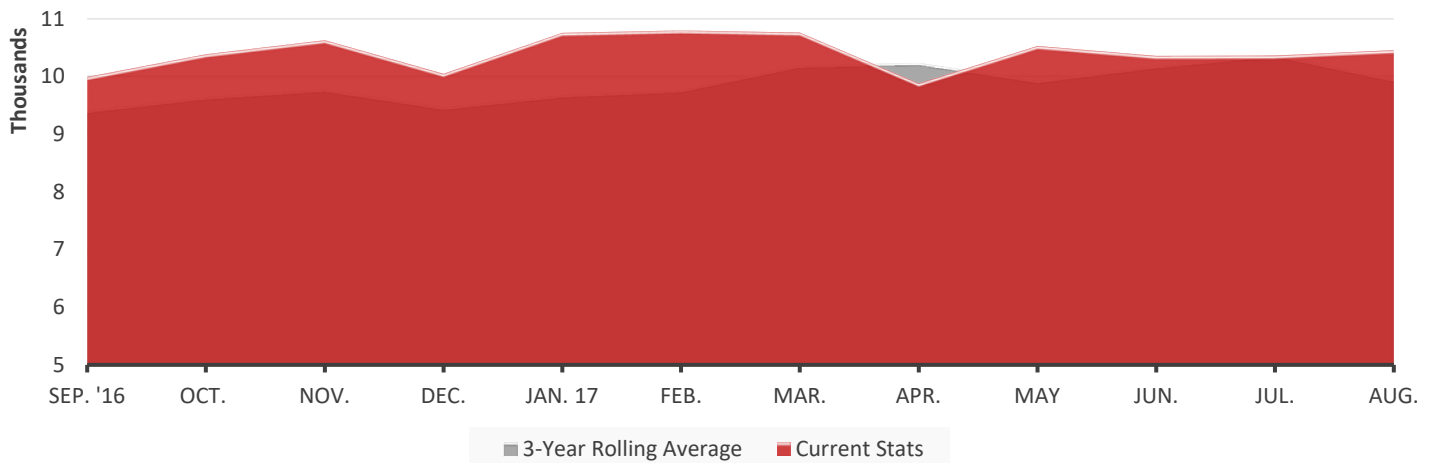


AVERAGE DAILY RIDERSHIP

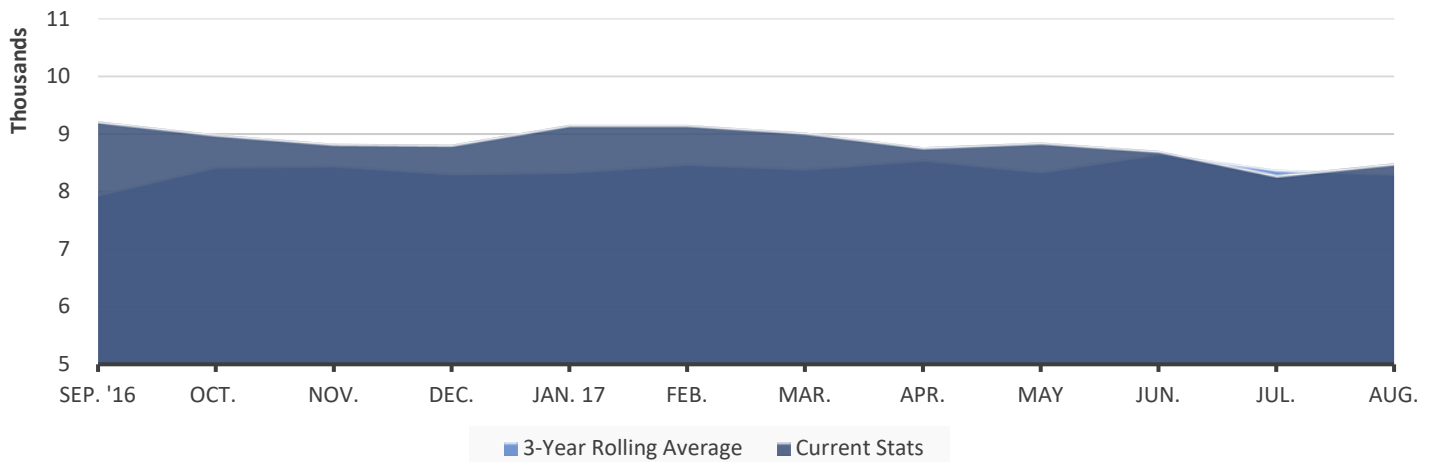
VRE SYSTEM



FREDERICKSBURG LINE



MANASSAS LINE



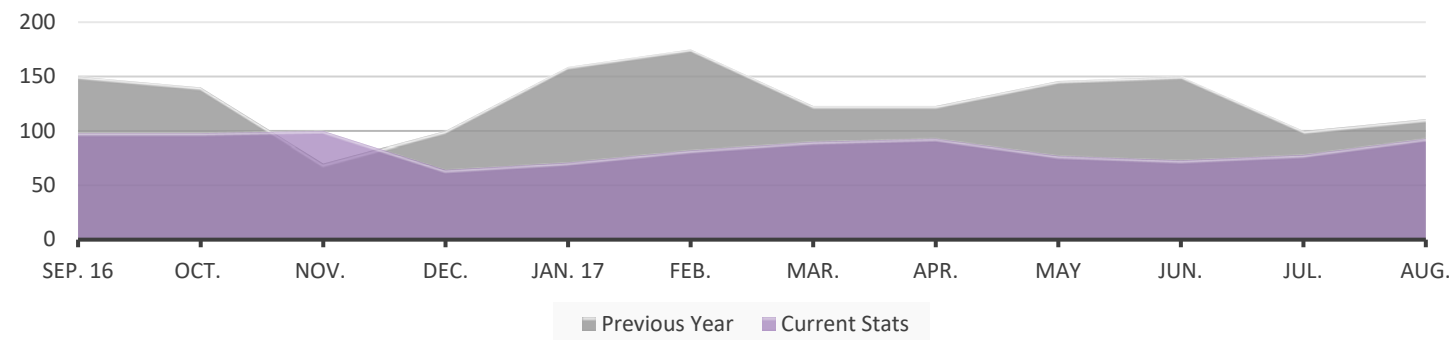
OCTOBER 2017
RIDERSHIP UPDATES

Average daily ridership (ADR) in August was approximately 19,000 which is about 400 more riders than last August. There is also an increase over July’s ADR though VRE normally does not see an increase until September after the summer vacation season.

	August 2017	July 2017	August 2016
Monthly Ridership	435,839	372,931	426,944
Average Daily Ridership	18,950	18,647	18,563
Full Service Days	23	20	23
“S” Service Days	0	0	0

SUMMONSES ISSUED

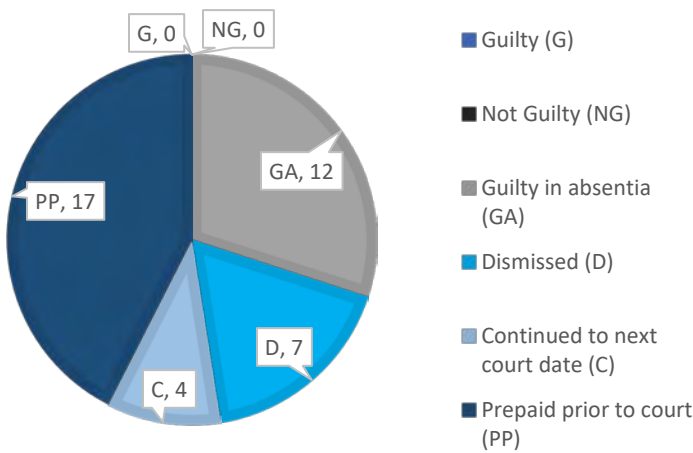
VRE SYSTEM



SUMMONSES WAIVED OUTSIDE OF COURT

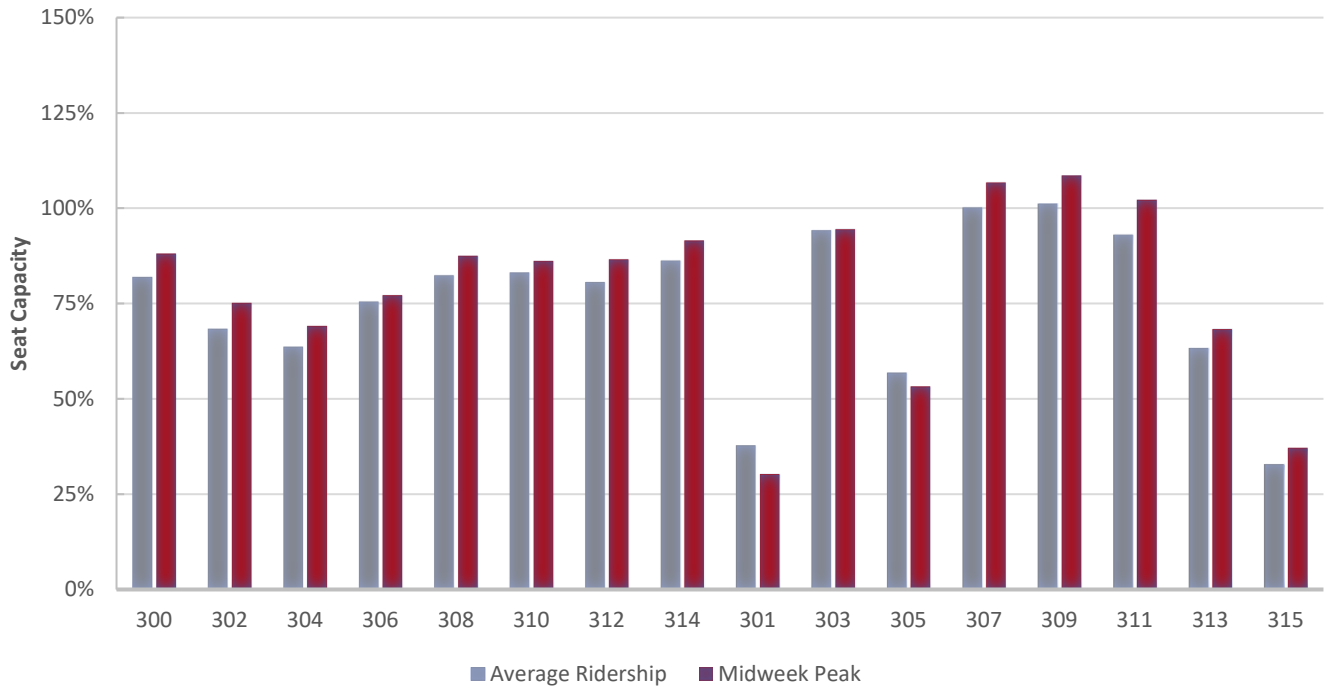
Reason for Dismissal	Occurrences
Passenger showed proof of a monthly ticket	28
One-time courtesy	15
Per the request of the conductor	1
Defective ticket	0
Per Ops Manager	0
Unique circumstances	0
Insufficient information	1
Lost and found ticket	0
Other	0
Total Waived	45

MONTHLY SUMMONSES COURT ACTION

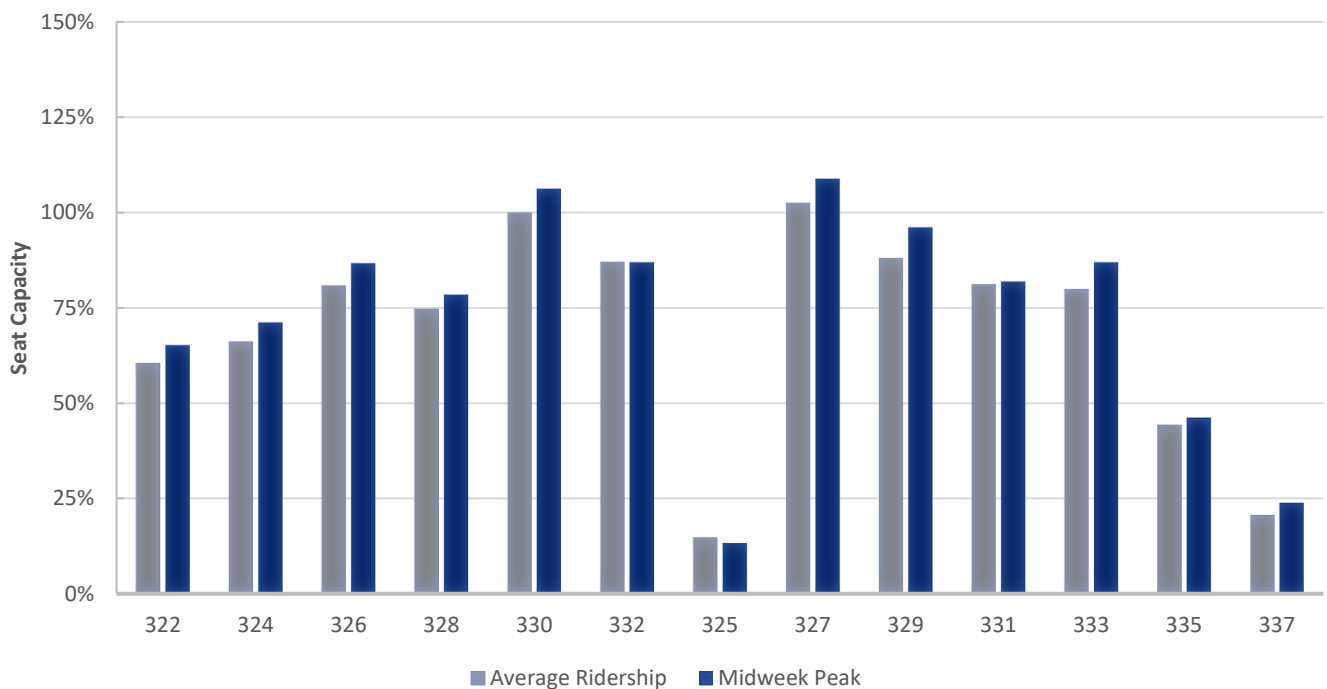


TRAIN UTILIZATION

FREDERICKSBURG LINE

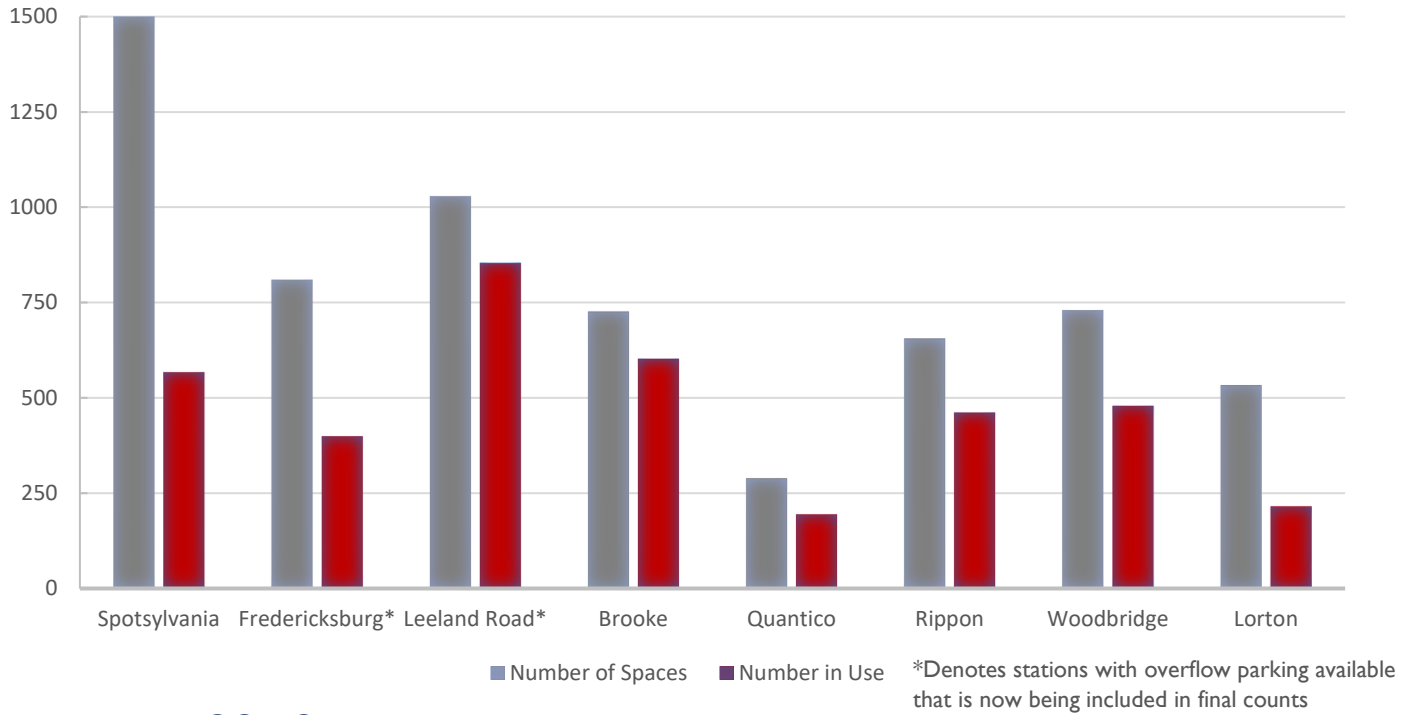


MANASSAS LINE

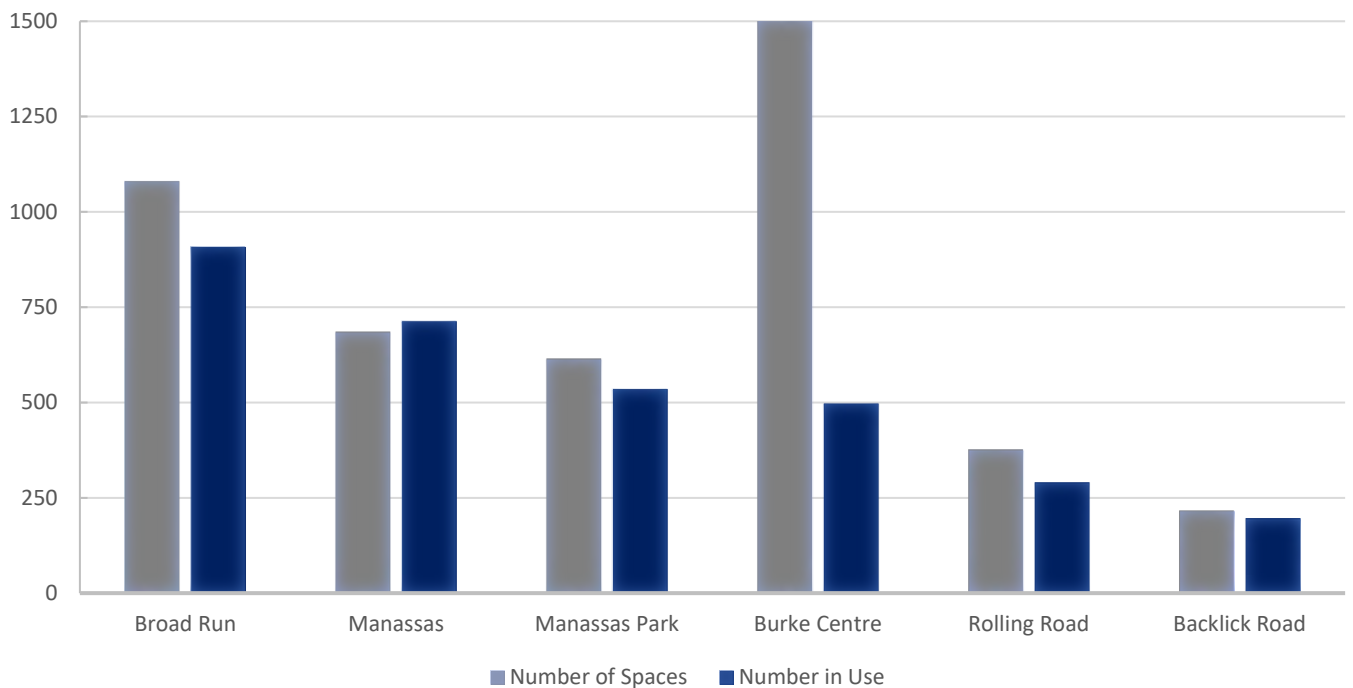


PARKING UTILIZATION

FREDERICKSBURG LINE



MANASSAS LINE



FINANCIAL REPORT

The August 2017 Financial Report reflects the second month of FY 2018. The summary below of the financial results (unaudited) includes information on the major revenue and expense categories.

Fare income to-date for FY 2018 is \$259,996 above the budget – a favorable variance of 3.8%. Revenue is however down 1.2% compared to the same period in FY 2017. VRE's annual liability insurance premium was accounted for in-full in July, resulting in a year-to-date operating ratio of 48%. Absent this premium, the operating ratio would have been 65%. Our budgeted goal ratio for FY 2018 is 50%.

Please Note: These figures are preliminary and unaudited. Reflects month ended August 31, 2017.

FY 2018 Operating Budget Report							
Month Ended August 31st, 2017							
	CURR. MO. ACTUAL	CURR. MO. BUDGET	YTD ACTUAL	YTD BUDGET	YTD \$ VARIANCE	YTD % VARIANCE	TOTAL FY18 BUDGET
Operating Revenue							
Passenger Ticket Revenue	3,614,728	3,665,777	7,113,405	6,853,409	259,996	3.8%	39,845,400
Other Operating Revenue	22,314	20,700	24,637	38,700	(14,063)	-36.3%	225,000
Subtotal Operating Revenue	3,637,042	3,686,477	7,138,042	6,892,109	245,933	3.6%	40,070,400
Jurisdictional Subsidy (1)	-	-	8,798,260	8,798,261	(0)	0.0%	12,874,980
Federal/State/Other Jurisdictional Subsidy	2,577,126	2,646,890	5,113,673	5,230,125	(116,452)	-2.2%	31,005,851
Appropriation from Reserve/Other Income	-	-	-	-	-	0.0%	955,000
Interest Income	46,181	6,900	84,959	12,900	72,059	558.6%	75,000
Total Operating Revenue	6,260,349	6,340,267	21,134,935	20,933,394	201,540	1.0%	84,981,231
Operating Expenses							
Departmental Operating Expenses	5,632,958	6,357,656	14,747,362	15,725,276	977,914	6.2%	78,230,361
Debt Service	559,573	559,573	1,119,389	1,119,145	(244)		6,714,870
Other Non-Departmental Expenses	-	-	-	-	-		36,000
Total Operating Expenses	6,192,531	6,917,228	15,866,751	16,844,421	977,670	5.8%	84,981,231
Net income (loss) from Operations	67,818	(576,961)	5,268,184	4,088,973	1,179,210		-
Operating Ratio			48%	44%		Goal	50%

(1) Total jurisdictional subsidy is \$17,250,240. Portion shown is attributed to Operating Fund only.

FACILITIES UPDATE

The following is a status update of VRE facilities projects:

Completed projects:

1. Repairs to pedestrian grade crossing at Lorton Station
2. Repairs to pavement and restriping at Brooke Station
3. Painting of Manassas Station and parking garage
4. Repairs to wooden privacy fence at Brooke Station expansion parking lot

Projects scheduled to be completed this quarter:

1. Painting of east side of Alexandria Station
2. Replacement of waste and recycling receptacles at Lorton Station
3. Painting of Woodbridge Station and parking garage
4. Installation of fiber conduit across pedestrian bridge at Rippon Station
5. Restriping of Manassas Station parking garage
6. Installation of monitoring wells on two outfall drainage pipes at Broad Run Yard to allow for accurate discharge sampling for VPDES General Permit compliance
7. Replacement of ADA parking signage at Brooke and Leeland Road Stations
8. Restoration of turf at Spotsylvania Station

Projects scheduled to be initiated this quarter:

1. Repairs to fascia and soffit at Woodbridge Station east building
2. Installation of pathfinder signs for Spotsylvania Station
3. Repairs to pavement at Crossroads yard access road
4. Replacement of light poles and fixtures at Manassas Station
5. Replacement of parking lot signage at Broad Run Station
6. Replacement of aging HVAC units throughout VRE system



Repairs to Pavement and Restriping at Brooke Station



Repairs to Pedestrian Grade Crossing at Lorton Station

7. Repairs to platform concrete at various stations
8. Replacement of tactile warning strips at various stations

Ongoing projects:

1. Modernization of west elevator at Franconia-Springfield Station (scheduled for completion by end of CY 2017)
2. Development of specifications for modernization of Woodbridge Station east elevator
3. Replacement of signage with new standard signage at various stations, starting at Brooke Station
4. Development of design of platform concrete rehabilitation and other station improvements at Fredericksburg Station (to be managed by Office of Development)
5. Development of IFB for Canopy Roof Replacement at the Backlick and Rolling Road Stations
6. Installation of utility power status remote monitoring at various stations

UPCOMING PROCUREMENTS

Scope of Work Pending:

- Replacement of Tactile Warning Strips at Station Platforms
- Purchase of Passenger Elevators
- Construction of the Lifecycle Overhaul and Upgrade Facility
- Construction Management Services for the Lifecycle Overhaul and Upgrade Facility
- Information Technology Services
- Program Management Services
- Graphic Design Services
- Canopy Roof Replacement at the Backlick and Rolling Road Stations
- Passenger Railcar Truck Overhaul Services
- Modernization of VRE Woodbridge Station East Elevator
- Repair and Overhaul of Passenger Car HVAC Assemblies
- Repair and Overhaul of Passenger Car Wheelchair Lift Assemblies

CAPITAL PROJECTS UPDATES

As of September 8, 2017

Broad Run Expansion Study (was Gainesville-Haymarket Expansion Study) (BRX/GHX)

- Participated in meeting on August 7th with Manassas Regional Airport Director and City of Manassas staff
- Completed review of revised scope for real estate services following review by legal
- Project Management Team (PMT) meetings occurred on August 18th and September 1st; reviewed Public Participation Plan (PPP) outline and schematic expansion concepts avoiding Runway Protection Zone (RPZ)
- Reviewed Broad Run schematics with VRE staff

VRE Core Capacity Project Implementation Strategy

- Analyzed and updated preliminary core capacity project list
- Participated in PMT call on August 15th to review project status
- Conducted an internal meeting on August 25th to discuss alternative project definitions

National Transit Database Survey

- Reviewed statistician summary memo of sampling and calculation methodology
- Updated monthly data files

Quadrennial Constrained Long Range Plan (CLRP) Financial Analysis

- Updated VRE inputs to Metropolitan Washington Council of Governments (MWCOG) Transportation Improvement Plan (TIP) /CLRP project costs
- Updated revenue/expenditure forecasts
- Submitted updated revenue/expenditure forecasts to Transportation Planning Board (TPB), Virginia Department of Transportation (VDOT), Fredericksburg Area Metropolitan Planning Organization (FAMPO)
- Submitted existing CLRP project list update to VDOT

VRE Financial Plan Update

- Participated in weekly calls with PMT to review the Financial Plan model scenarios update
- Updated project costs, schedule and funding for Natural Growth scenario and Modified Service scenario/proxy System Plan 2040
- Provided capital and operating cost impacts/deficit resulting from Natural Growth, MSE/revised System Plan 2040 service assumptions for review

VRE Fleet Management Plan

- Reviewed final draft Fleet Management Plan update; circulated for senior management review prior to FTA Triennial Review

Midday Storage Replacement Facility

- Reached out to gas station owner for permission to enter property to perform borings
- Conducted project site visit with FTA staff on August 1st
- Real Estate strategy/coordination meeting held on August 11th
- Geotech borings on New York Ave NE were completed
- Amtrak agreement open issues transmitted to Amtrak counsel on August 29th

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- Design workshop held on August 30th to discuss Northeast Corridor (NEC) west side third track issues and concerns
- Attended coordination meeting for District Department of Transportation's (DDOT) New York Avenue Streetscape and Trail Project on August 31st
- Updated project website

Rolling Road Platform Extension

- Dewberry revised 60 percent drawings; VRE continues to review and will confirm platform length and potential operating issues prior to submission to NS
- Dewberry continued coordination with Fairfax County with permitting review
- VRE provided comments to Dewberry on 60 percent design comments

Crossroads Real Estate Acquisition

- Reviewed and responded to Spotsylvania County comments and submitted responses on September 1st

Long Bridge Expansion Study

- Drafted and sent Memorandum of Agreement (MOA) with Federal Railroad Administration (FRA) comments to Legal for review
- Participated in PMT meeting on August 11th

Southeast High Speed Rail Corridor (DC2RVA)

Coordination

- DRPT submitted Draft Environmental Statement to the FRA

Washington Union Station Project EIS

- Amtrak will contact VRE to schedule a review of 90% drawings

Lorton Platform Extension

- On site and regular communication and coordination with CSX, Fairfax County, utilities, and other stakeholders (including regularly scheduled project meetings with Hammerhead Construction, the prime contractor)
- Site preparation and submittals continued in preparation for fill operations, including concrete form setting, re-steel and concrete placement, and conduit installations and drainage installation
- Electric installation continued with the changeout of the Electric Panel in coordination with Dominion Power
- Construction of drainage and civil earthworks continued



Forms are set prior to the pouring of concrete for the new platform extension at Lorton Station.



Steel reinforcing bars are laid in the forms for the new Lorton Station platform extension prior to the pouring of concrete.



Power conduits are run through the steelwork for the new canopy on the Lorton Station platform extension.

Arkendale to Powell's Creek Third Track Project

- Project cleanup and work on eroded areas at Retaining Wall 14 and Bauer Road Bridge continuing as other scope, contract, and agreement issues are resolved between CSXT, DRPT and the contractor

Quantico Station

- 60 percent design for station and 90 percent design for site, civil, drainage, track, and retaining wall in vicinity of station released to stakeholders for review and comment
- DRPT Task Order for STV to be able to complete 60-to-90 percent design was executed
- Utility location and potential conflicts coordinated on site through CSXT



The sheet-metal roofing is replaced on the existing platform canopy at Lorton Station.

Potomac Shores Station

- Re-design of station concept waiting on Arkendale to Powell's Creek agreements to be finalized.
- Received and reviewing contractor's responses to previous comments; responses will be addresses with new sets of comments on 100 percent plans

Spotsylvania Station / FB-to-XR Third Track

- Finalizing punch list items for Spotsylvania Station and the FB to XR Third Track projects
- Contractors received their final payments in the past quarter and project closeouts forthcoming

Franconia-Springfield Station Improvements

- Relayed FTA guidance information to GEC on environmental documentation
- Participated in internal meeting on August 11th to discuss project issues
- Awaiting GEC responses to review comments on the draft compiled from 30 percent plans
- Sent inquiry to legal concerning an update on the draft design review agreement
- Corresponded with GEC sub on Programmatic versus Documented Cat Ex requirements
- Participated in an internal meeting to discuss the possible programmatic path for the Categorical Exclusion on August 15th
- Evaluated and relayed to GEC to maintain documented path
- Corresponded with GEC and subs regarding project activities and schedule updates
- Received Army Corps of Engineers feedback on Preliminary Jurisdictional Determination
- Provided GEC invoice information to Project Development regarding projects with NVTa funding
- Revised Attachment B for Project Development regarding projects with NVTa funding
- Participated in bi-weekly call with DC2RVA state and consultant staff on August 22nd
- Participated in a bi-weekly DC2RVA project call with DRPT on September 5th
- Participated in an internal corridor projects schedule meeting on September 6th

Lorton Station Improvements (Second Platform)

- Requested GEC to resubmit draft of compiled 30 percent plans based on earlier review comments
- Participated in an internal meeting on August 11th to discuss project issues
- Corresponded with GEC sub on Programmatic versus Documented Cat Ex requirements
- Corresponded with GEC and subs regarding project activities and schedule updates
- Received Army Corps of Engineers feedback on Preliminary Jurisdictional Determination
- Provided GEC invoice information to Project Development regarding projects with NVTa funding

- Revised Attachment B for Project Development regarding projects with NVTVA funding
- Participated in bi-weekly call with DC2RVA state and consultant staff on August 22nd
- Participated in a bi-weekly DC2RVA project call with DRPT on September 5th
- Participated in an internal corridor projects schedule meeting on September 6th

Rippon Station

- Continued development of 30 percent plans and cost estimate
- Performed a cursory review of Jurisdictional Determination Request package from GEC
- Participated in an internal meeting on August 11th to discuss project issues
- Reviewed and recommended signature of Preliminary Jurisdictional Determination Request
- Sent accepted preliminary Jurisdictional Determination package to Army Corps of Engineers
- Corresponded with GEC sub on Programmatic versus Documented Cat Ex requirements
- Corresponded with GEC and subs regarding project activities and schedule updates
- Provided GEC invoice information to Project Development regarding projects with NVTVA funding
- Revised Attachment B for Project Development regarding projects with NVTVA funding
- Participated in bi-weekly call with DC2RVA state and consultant staff on August 22nd
- Participated in a bi-weekly DC2RVA project call with DRPT on September 5th
- Participated in an internal corridor projects schedule meeting on September 6th
- Participated in the monthly Capital Improvement Program meeting on September 6th

Leeland Road Station

- Continued development of 30 percent plans and cost estimate
- Participated in an internal meeting on August 11th to discuss project issues
- Corresponded with GEC and subs regarding project activities and schedule updates
- Participated in bi-weekly call with DC2RVA state and consultant staff on August 22nd
- Participated in a bi-weekly DC2RVA project call with DRPT on September 5th
- Participated in an internal corridor projects schedule meeting on September 6th
- Participated in the monthly Capital Improvement Program meeting on September 6th

Brooke Station

- Continued development of 30 percent plans and cost estimate
- Participated in an internal meeting on August 11th to discuss project issues
- Corresponded with GEC and subs regarding project activities and schedule updates
- Continued to evaluate and revise cost comparison between Option 2 and Option 6
- Participated in bi-weekly call with DC2RVA state and consultant staff on August 22nd
- Participated in a bi-weekly DC2RVA project call with DRPT on September 5th
- Participated in an internal corridor projects schedule meeting on September 6th

Alexandria Pedestrian Tunnel Project

- Met with consultant to receive plans and specifications at 60 percent that addressed the comments provided by major stakeholders
- Reviewed 60 percent design materials, including plans, specs., and comment resolution
- Continued to develop review items for 60 percent to 90 percent plans
- Reviewed 60 percent cost estimate from previous submittal

Crossroads Lifecycle Overhaul & Upgrade Facility

- Awaiting Spotsylvania County Planning Commission hearing on September 20, 2017 regarding property issue

L'Enfant (North) Storage Track Wayside Power

- Cut-over of CSXT signals and south derail installation accomplished
- VRE Power Pedestal final install completed

- Storage track available for use

L'Enfant (South) Storage Track Wayside Power

- NXL conducting property ownership investigation on parcel identified to be used for placement of wayside power equipment

Slaters Lane/Alexandria Track 1 Access

- Prepared September 15th VRE Operations Board item incorporating CSX's Force Account Agreement for design and construction of track and signals on CSX tracks near Slaters Lane

Manassas Park Station Parking Expansion

- Preliminary design is ongoing
- A MOA was drafted to cover VRE and City roles and responsibilities through design and construction, as well as long-term operations and maintenance
- Final edits to the Alternatives Analysis report are being made
- Reviewed zoning waiver for parking space width submitted by consultant
- Continued to evaluate draft CE documentation
- Draft Traffic Impact Analysis being revised per VRE comments
- The VRE grant application for I-66 Outside the Beltway Concessionaire funds includes a request for construction funding for the garage

Crystal City Station Improvements

- Arlington County Transportation Commission Field Visit occurred on August 14th
- The Planning Commission made a recommendation to carry Option 2 and Option 3 into Preliminary Engineering (PE)/National Environmental Policy Act (NEPA) on September 7th
- The Alternatives Analysis report was published to the website on August 28th, and revisions were made to cross-sections on September 8th

Fredericksburg Station Repairs

- Kick-off meeting held at site on August 24th
- Initial site work began on August 30th

PROJECTS PROGRESS REPORT

As of September 8, 2017

PASSENGER FACILITIES

PROJECT	DESCRIPTION	PHASE					
		CD	PD	EC	RW	FD	CN
Union Station Improvements (Amtrak/VRE Joint Recapitalization Projects)	Station and coach yard improvements of mutual benefit to VRE and Amtrak.	◆	◆	◆	N/A	◆	●
Alexandria Station Improvements	Pedestrian tunnel to METRO and eliminate at-grade track crossing.	◆	◆	◆	N/A	●	
	Modify Slaters Lane Interlocking and East Platform for passenger trains on Track #1.	◆	◆	◆	N/A	●	
	Extend East Platform and elevate West Platform.	◆	◆	◆	N/A	●	
Franconia-Springfield Station Improvements	Extend both platforms and widen East Platform for future third track. ◆	◆	●	●	N/A		
Lorton Station Improvements	Extend existing platform.	◆	◆	◆	N/A	◆	●
	Construct new second platform with pedestrian overpass. ◆	◆	●	●	N/A		
Rippon Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. ◆	◆	●	●	N/A		
Potomac Shores Station Improvements	New VRE station 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. ◆	◆	●	●	N/A		
Leeland Road Station Improvements	Extend existing platform, construct new second platform with pedestrian overpass. ◆	◆	●	●	N/A		
Manassas Park Parking Expansion	Parking garage to increase parking capacity to 1,100 spaces.	◆	●	●	N/A		
Rolling Road Station Improvements	Extend existing platform.	◆	◆	◆	N/A	●	
Crystal City Station Improvements	Replace existing side platform with new, longer island platform.	◆	●	●	N/A		
Broad Run Station Improvements	Parking garage to increase parking capacity by 900 spaces.	◆	◆	■	N/A		

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

STATUS: ◆ Completed ● Underway ■ On Hold

◆ part of the "Penta-Platform" program

¹Total project cost estimate in adopted FY2018 CIP Budget

Total ¹	ESTIMATED COSTS (\$)			Expended ²	COMPLETION		STATUS
	Funded	Unfunded	Authorized		Percent	Date	
3,201,176	3,201,176	-	1,172,309	602,542	84%	4th QTR 2017	● Work resumed in April, 2016, and is anticipated to be completed December 2017.
10,021,865	10,021,865	-	1,814,559	1,504,443	51%	3rd QTR 2020	● 60% Comments under review
7,000,000	7,000,000	-	467,500	90,749	30%	1st QTR 2018	● Design work is complete and construction is anticipated to start as part of CSXT work program.
2,400,000	400,000	2,000,000	-	-	5%	3rd QTR 2020	● Design work on East Platform only. West Platform elevation funded.
13,000,000	13,000,000	-	*	272,863	20%	2nd QTR 2020	● Preliminary engineering is anticipated to be complete in Winter 2017.
2,500,000	2,500,000	-	1,846,675	1,130,116	75%	4th QTR 2017	● Construction resumed following delay to confirm location of new third track under Atlantic Gateway.
16,150,000	16,150,000	-	*	219,348	20%	2nd QTR 2020	● Preliminary engineering is anticipated to be complete in Winter 2017.
16,632,716	16,632,716	-	*	153,757	20%	4th QTR 2021	● Preliminary engineering is anticipated to be completed by August 2018.
No costs for VRE. Private developer providing station.					10%	TBD	■ On hold pending confirmation of future track location anticipated in October 2017.
9,500,000	9,500,000	574,706	-	-	30%	TBD	■ Final design up to 90% underway under DRPT management and funding
21,334,506	21,334,506	-	*	167,621	20%	4th QTR 2021	● Preliminary engineering is anticipated to be completed by August 2018.
14,336,156	14,336,156	-	*	140,293	20%	4th QTR 2021	● Preliminary engineering is anticipated to be completed by August 2018.
19,600,000	2,500,000	17,100,000	182,142	233,186	10%	2nd QTR 2018	● NTP issued in July, 2016. Alternatives Analysis report is being finalized.
2,000,000	2,000,000	-	442,900	177,660	14%	3rd QTR 2020	● 60% design plans under review. Force account agreement pending.
21,160,000	400,000	20,760,000	278,767	150,855	5%	2nd QTR 2023	● NTP for alternatives analysis and conceptual design issued December 2016.
24,420,000	3,420,000	21,000,000	2,031,263	393,120	30%	TBD	■ Project to be completed as part of Broad Run Expansion Project

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

Broad Run Yard Train Wash	New train wash facility to be added to the Broad Run MSF.	◆	◆	◆	N/A	■	
L'Enfant North Storage Track and Wayside Power	Conversion of existing siding into a midday train storage track.	◆	◆	◆	N/A	◆	●
L'Enfant South Storage Track and Wayside Power	Conversion of CSXT Temporary Track to VRE Storage Track (1,350 feet) and Associated Signal Work and	◆	◆	◆	N/A	●	●
Lifecycle Overhaul and 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 stormwater retention and new	◆	N/A	N/A	■	N/A	N/A
Midday Storage	New York Avenue Storage Facility: Planning, environmental and preliminary engineering.	◆	●	●	●		

ROLLING STOCK












Passenger Railcar Procurement	Acquisition of 29 new railcars (15 received ▪ 14 being built)	◆	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 PD - Preliminary Design EC - Environment Clearance RW - Right of Way Acquisition FD - Final Design CN - Construction
 STATUS: ◆ Completed ● Underway ■ On Hold

1 Total project cost estimate in adopted FY2018 CIP Budget
 2 Does not include minor (< \$50,000) operating expenditures

Total ¹	ESTIMATED COSTS (\$)			Expended ²	COMPLETION			STATUS
	Funded	Unfunded	Authorized		Percent	Date		
32,500,000	32,500,000	-	33,285,519	31,299,225	100%	4th QTR 2015		Project complete. Close-out pending.
2,494,711	307,513	2,187,198	307,513	174,875	55%	TBD		Project to be completed as part of Broad Run Expansion Project
4,283,618	4,283,618	-	4,207,057	2,562,069	80%	2nd QTR 2017		Power construction 90% complete. Track and signals in service.
3,965,000	3,965,000	-	2,937,323	1,517,774	40%	3rd QTR 2017		Power design under review by CSXT & Pepco. Track and signals in service.
35,196,323	35,196,323	-	3,176,039	2,071,698	60%	TBD		Design 100% complete. On hold pending county zoning action.
2,950,000	2,950,000	-	2,950,000	76,767	75%	TBD		Completed cultural resources report. Submission of CE to FTA and county zoning action pending.
88,800,000	88,800,000	-	3,171,599	616,070	20%	4th QTR 2017		Developing design options and PE. Identifying real estate requirements and acquisition strategy.
75,264,693	75,264,693	-	69,457,809	36,994,353	52%	4th QTR 2018		8 cars were received in FY 2015, 7 cars have been received in FY 2016 and 5 cars received in FY 2017.
10,553,000	10,553,000	-	10,294,079	7,368,521	80%	4th QTR 2018		Onboard installations ongoing.
617,791,163	5,885,163	611,906,000	5,483,720	2,709,552	15%	3rd QTR 2022		Phase I directed focus on capacity improvements on existing Broad Run terminus. NTP issued for Phase 2 work program
3,510,307	3,510,307	-	3,510,627	1,575,307	87%	2nd QTR 2017		Integration with S&B system complete. Mobile now accounts for about 12% of monthly revenue and more than 25% of all tickets sold.



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