

CEO REPORT

APRIL 2018



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 | APRIL 2018

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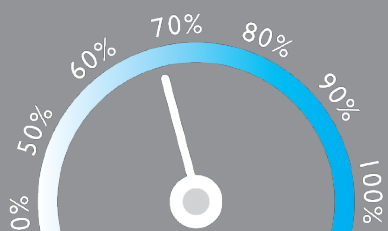


VIRGINIA RAILWAY EXPRESS
A better way. A better life.



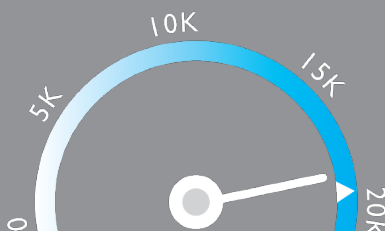
SUCCESS AT A GLANCE

Data provided reflects February 2018 information.



PARKING
UTILIZATION

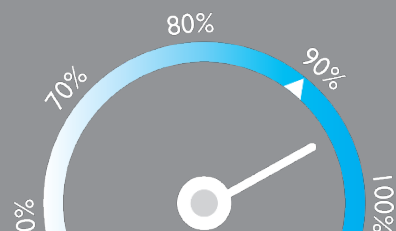
The total number of parking spaces used in the VRE system during the month, divided by the total number of parking spaces available.



AVERAGE DAILY
RIDERSHIP

The average number of boardings each operating day inclusive of Amtrak Step-Up boardings but excluding "S" schedule operating days.

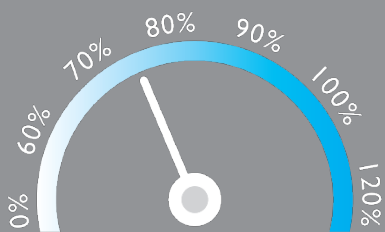
▲ Same month, previous year.



ON-TIME PERFORMANCE

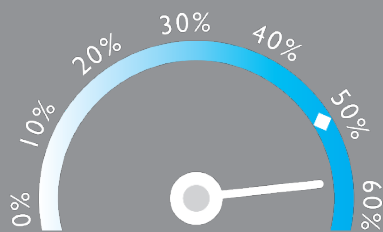
Percentage of trains that arrive at their destination within five minutes of the schedule.

▲ 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.

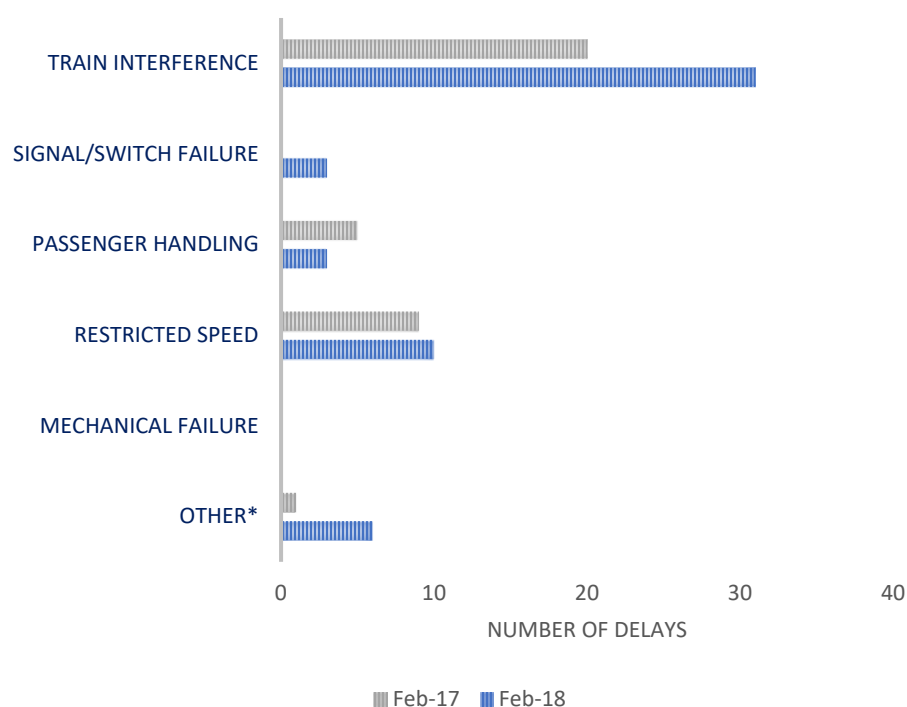
◆ Board-established goal.

ON-TIME PERFORMANCE

OUR RECORD

| | February 2018 | January 2018 | February 2017 |
|---------------------|---------------|--------------|---------------|
| Manassas Line | 96% | 90% | 94% |
| Fredericksburg Line | 95% | 90% | 86% |
| System Wide | 95% | 90% | 90% |

REASONS FOR DELAYS



VRE operated 608 trains in February.

Our on-time percentage for February was 95%.

Twenty-eight of the trains arrived more than five minutes late to their final destinations. Twelve of those late trains were on the Manassas Line and 16 of those late trains were on the Fredericksburg Line.

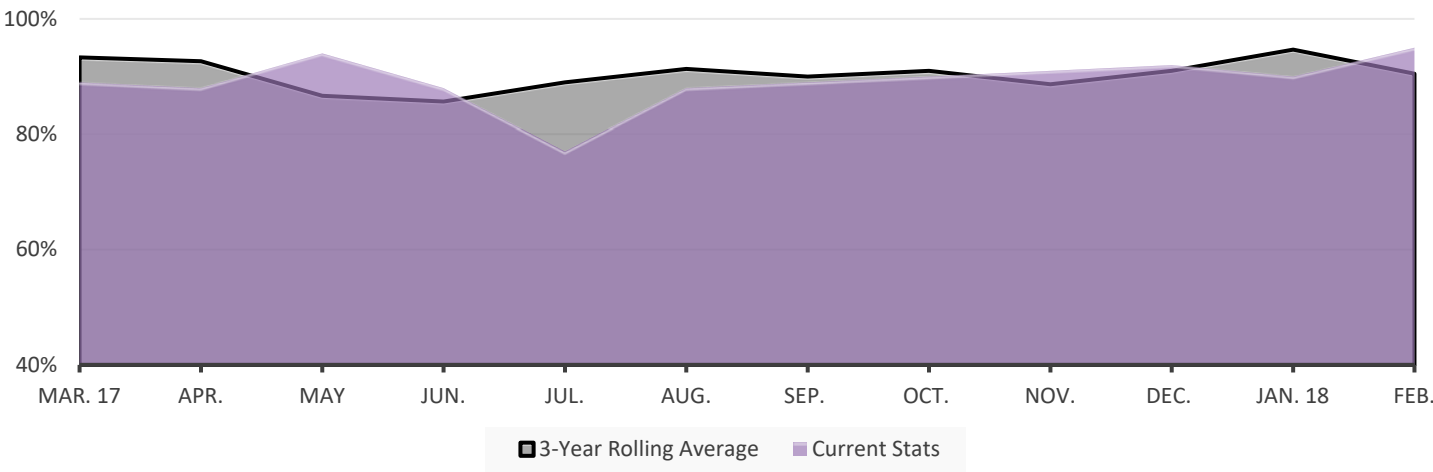
*Includes those trains that were delayed due to late turns, weather, signal/switch failures and maintenance of way.

LATE TRAINS

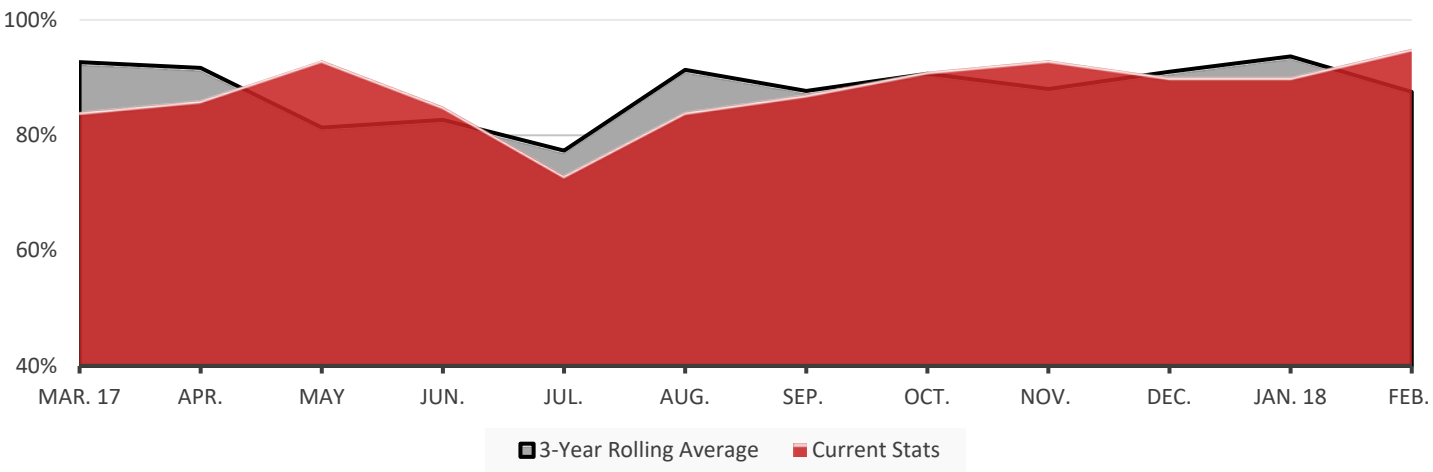
| | System Wide | | | Fredericksburg Line | | | Manassas Line | | |
|------------------------------------|-------------|------|------|---------------------|------|------|---------------|------|------|
| | Dec. | Jan. | Feb. | Dec. | Jan. | Feb. | Dec. | Jan. | Feb. |
| Total late trains | 49 | 68 | 28 | 29 | 35 | 16 | 20 | 33 | 12 |
| Average minutes late | 22 | 25 | 13 | 24 | 14 | 16 | 21 | 35 | 9 |
| Number over 30 minutes | 8 | 6 | 2 | 4 | 2 | 2 | 4 | 4 | 0 |
| Heat restriction days / total days | 0/20 | 0/21 | 0/19 | | | | | | |

ON-TIME PERFORMANCE

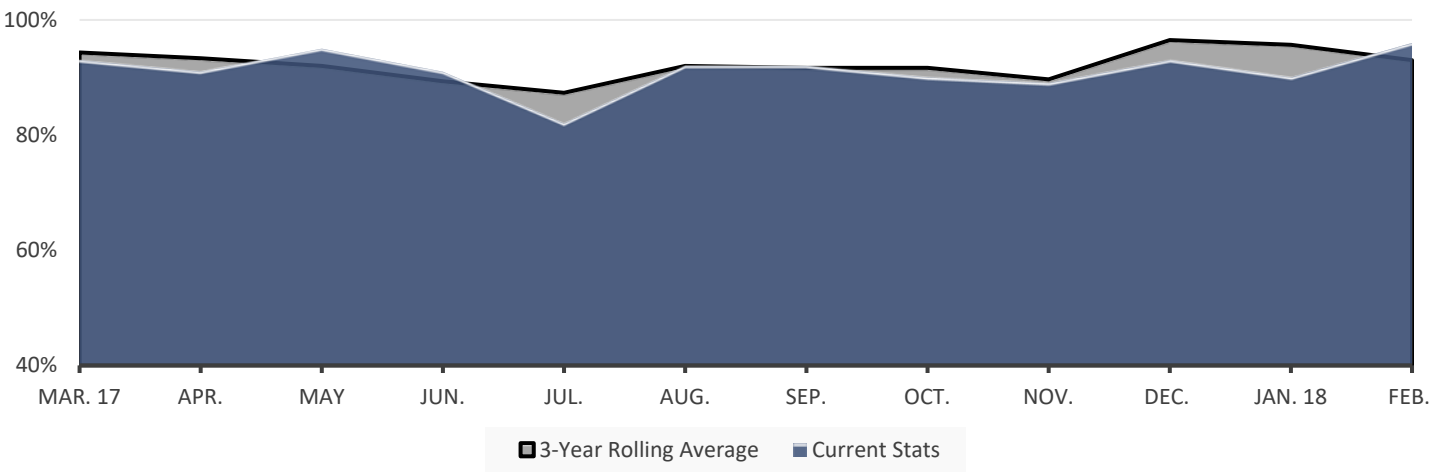
VRE SYSTEM



FREDERICKSBURG LINE

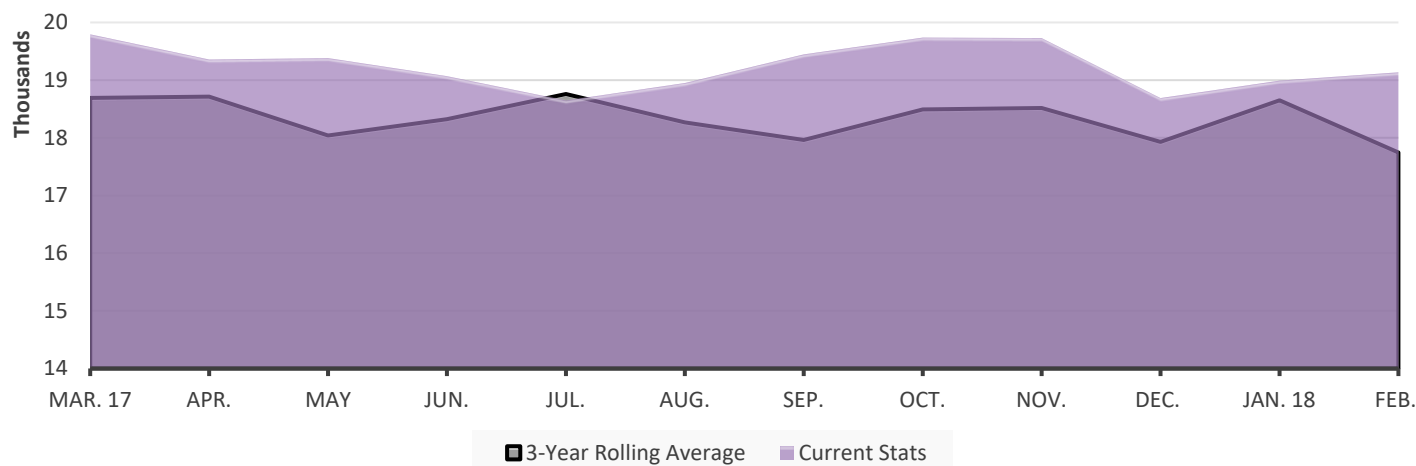


MANASSAS LINE

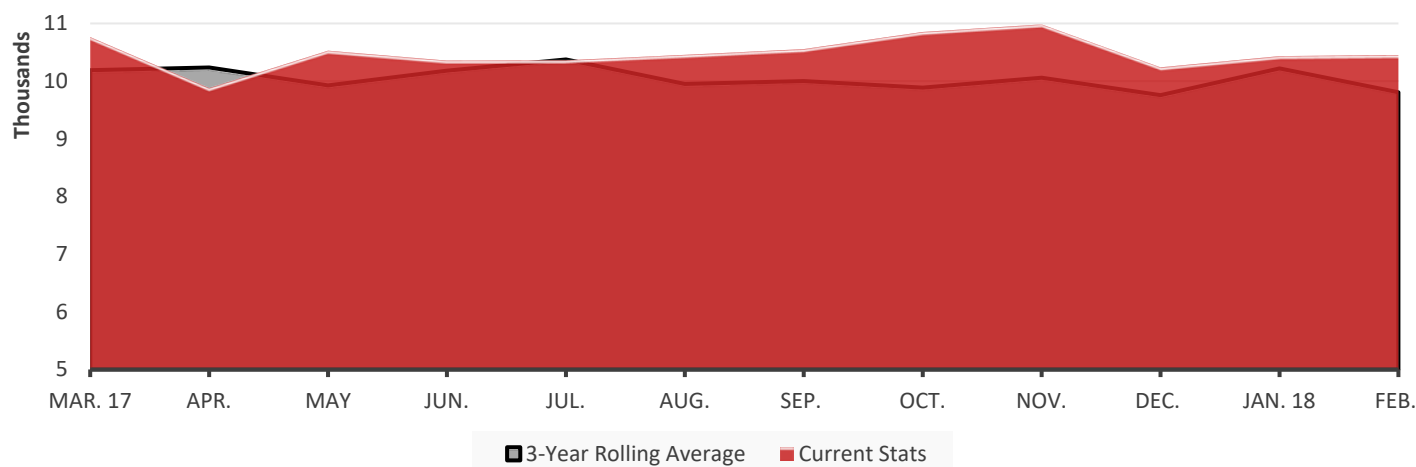


AVERAGE DAILY RIDERSHIP

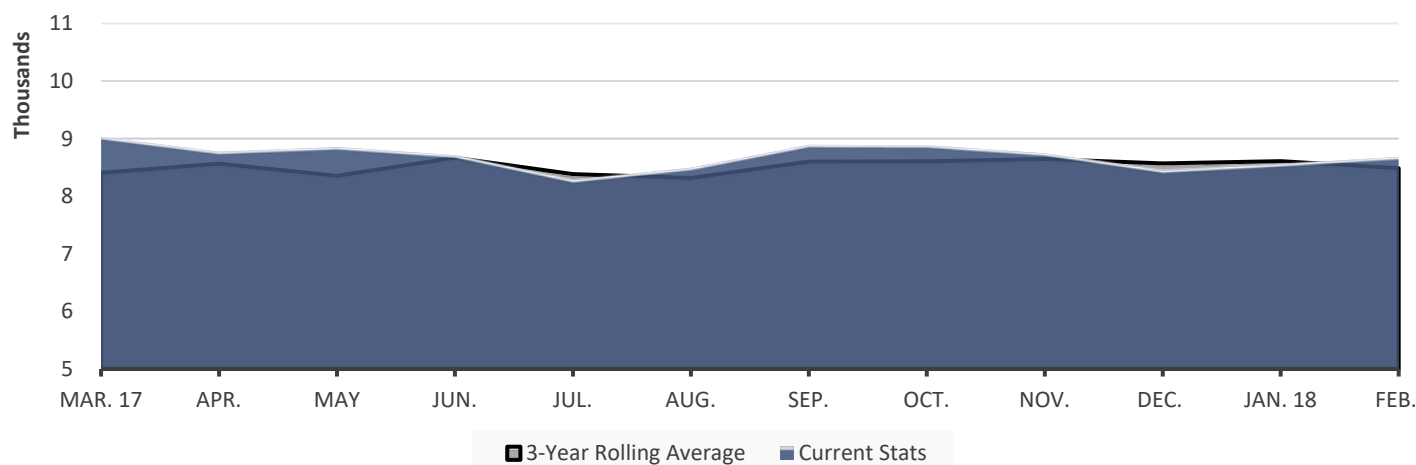
VRE SYSTEM



FREDERICKSBURG LINE



MANASSAS LINE



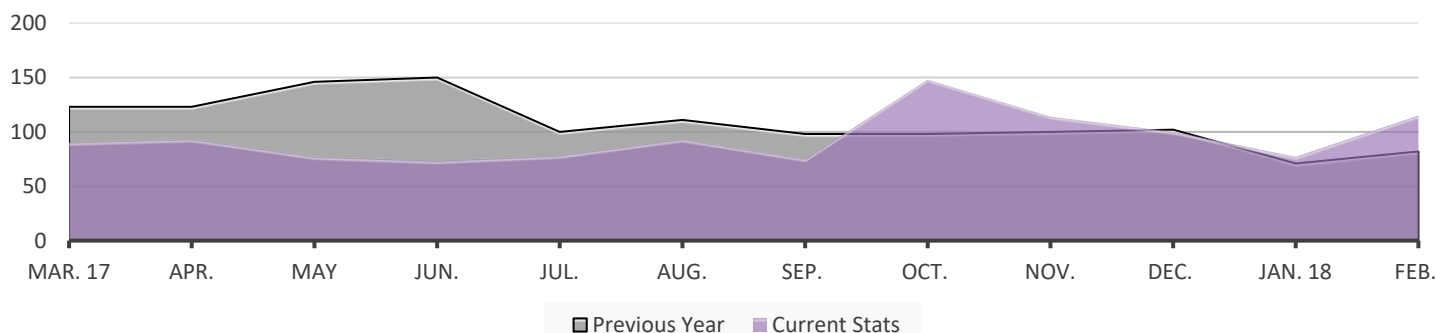
RIDERSHIP UPDATES

Average daily ridership (ADR) in February was approximately 19,100.

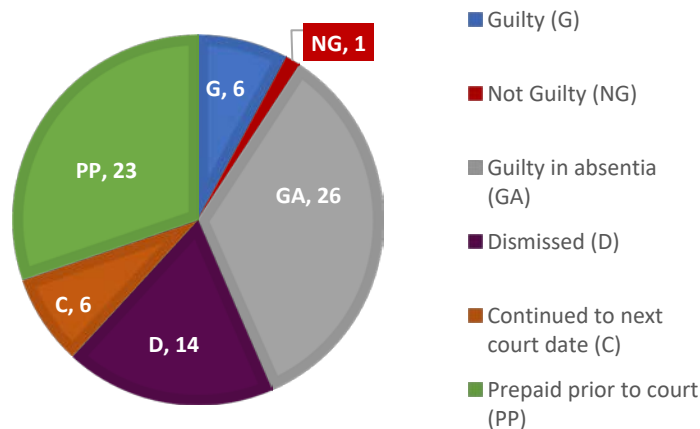
| | February 2018 | January 2018 | February 2017 |
|-------------------------|---------------|--------------|---------------|
| Monthly Ridership | 363,591 | 398,785 | 379,260 |
| Average Daily Ridership | 19,136 | 18,990 | 19,961 |
| Full Service Days | 19 | 21 | 19 |
| "S" Service Days | 0 | 0 | 0 |

SUMMONSES ISSUED

VRE SYSTEM

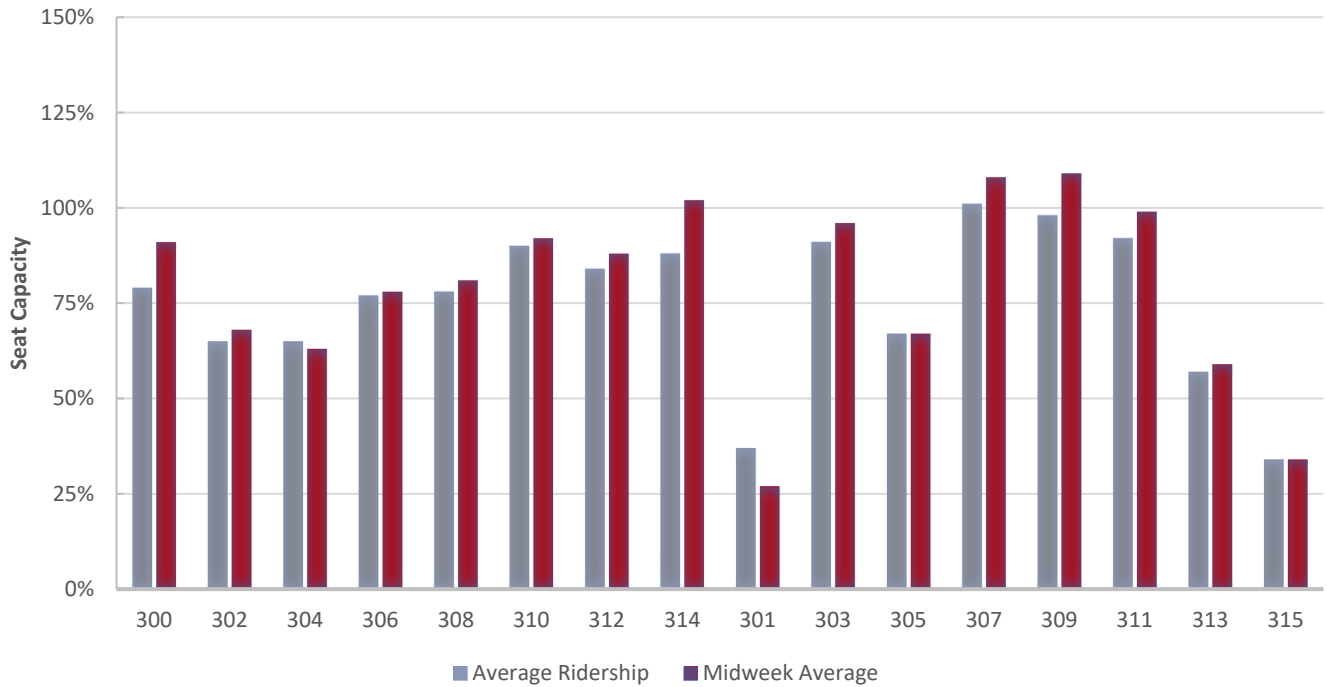
SUMMONSES WAIVED
OUTSIDE OF COURT

| Reason for Dismissal | Occurrences |
|--|-------------|
| Passenger showed proof of a monthly ticket | 20 |
| One-time courtesy | 14 |
| Per the request of the conductor | 15 |
| Defective ticket | 0 |
| Per Ops Manager | 0 |
| Unique circumstances | 0 |
| Insufficient information | 7 |
| Lost and found ticket | 0 |
| Other | 1 |
| Total Waived | 57 |

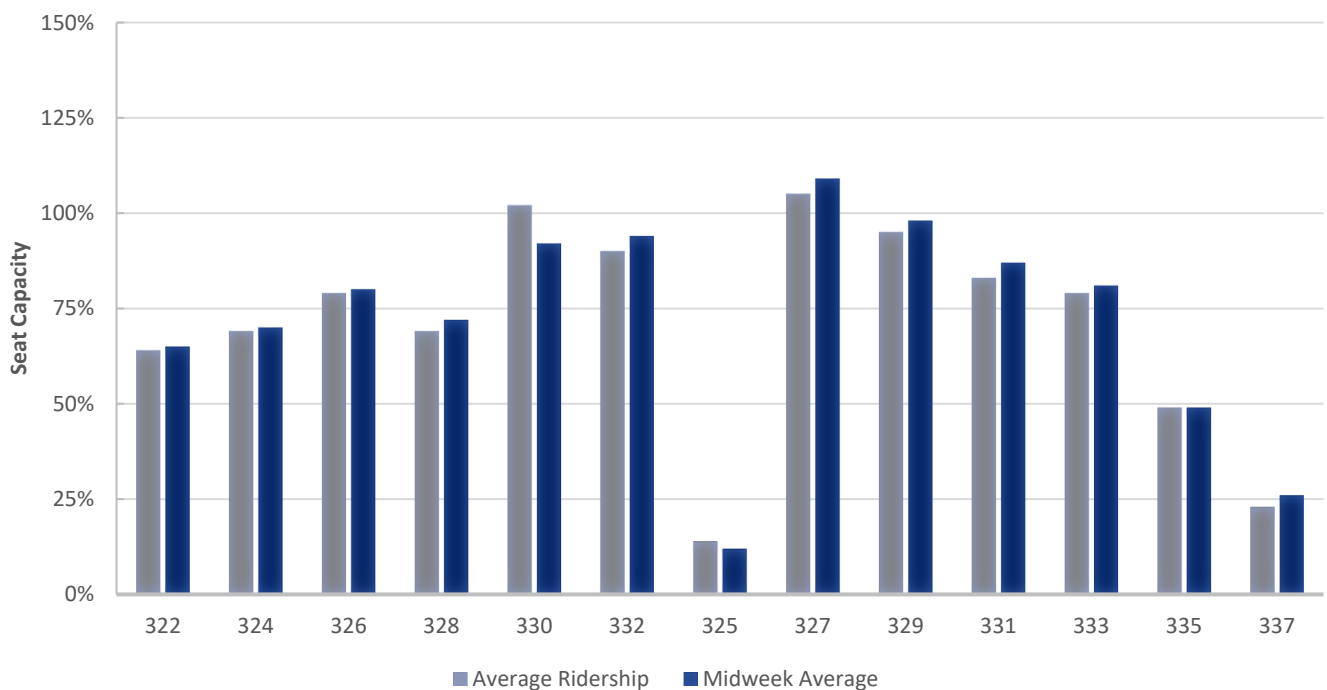
MONTHLY SUMMONSES
COURT ACTION

TRAIN UTILIZATION

FREDERICKSBURG LINE

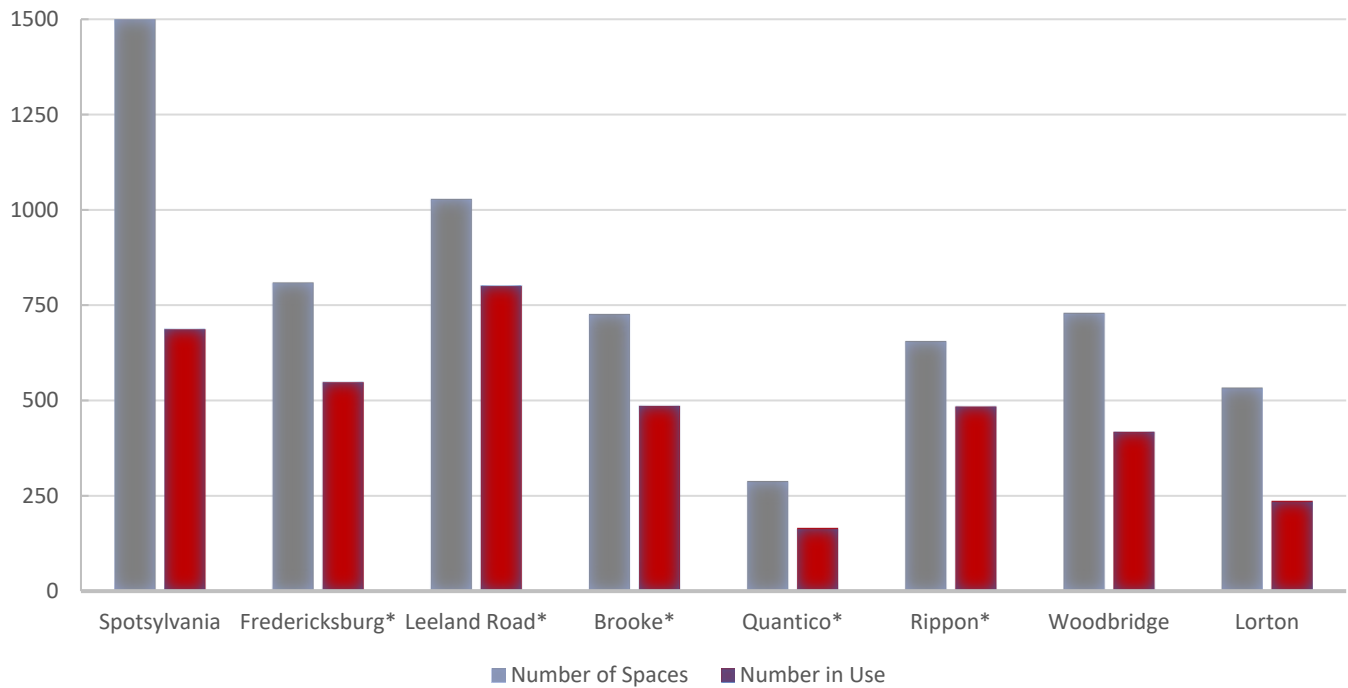


MANASSAS LINE



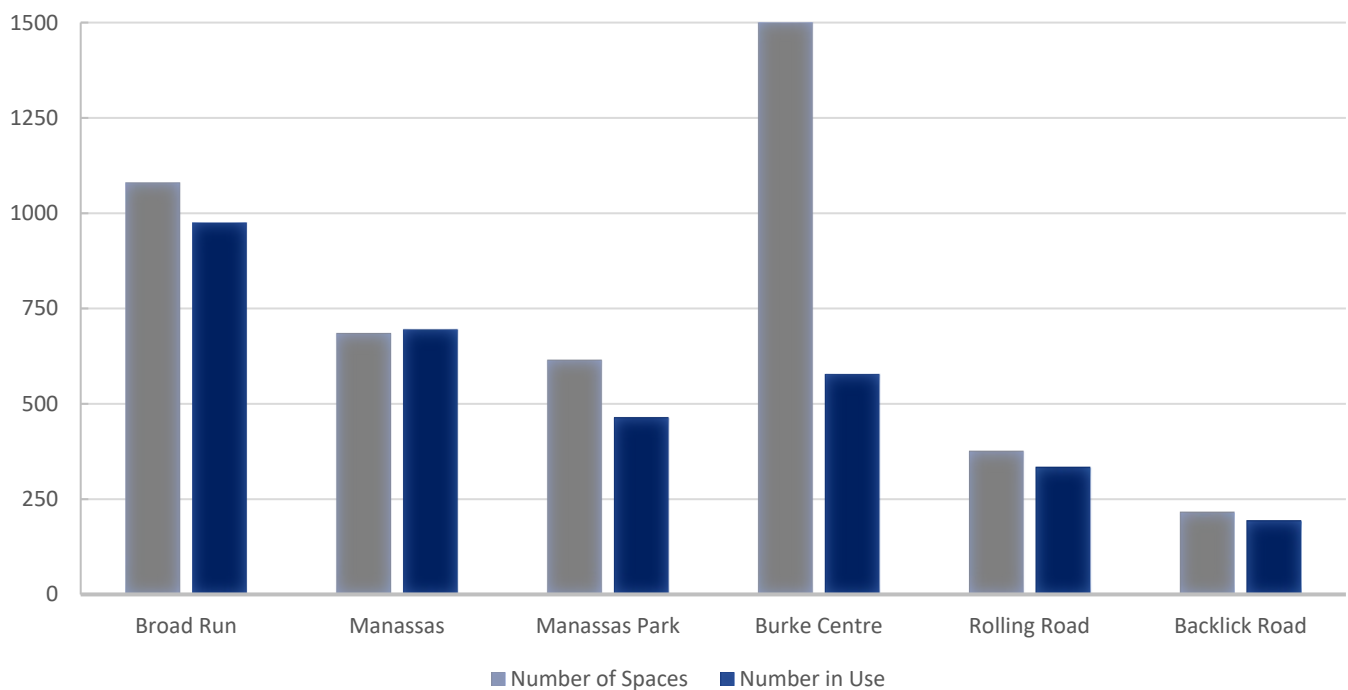
PARKING UTILIZATION

FREDERICKSBURG LINE



*Denotes stations using historical parking data for this report. Updated parking information will resume in the next CEO Report.

MANASSAS LINE



FINANCIAL REPORT

Fare revenue through the first eight months of FY 2018 is \$1.59 million above budget (a favorable variance of 6.0%) and is up 0.6% compared to the same period in FY 2017.

The operating ratio through December is 58%. VRE's budgeted operating ratio for the full twelve months of FY 2018 is 50%.

A summary of the FY 2018 financial results through December follows, including information on the major revenue and expense categories. Please note that these figures are preliminary and unaudited.

| FY 2018 Operating Budget Report | | | | | | | |
|--|---------------------|---------------------|-------------------|-------------------|--------------------|-------------------|----------------------|
| Month Ended February 28, 2018 | | | | | | | |
| | CURR. MO. ACTUAL | CURR. MO. BUDGET | YTD ACTUAL | YTD BUDGET | YTD \$ VARIANCE | YTD % VARIANCE | TOTAL FY18 BUDGET |
| Operating Revenue | | | | | | | |
| Passenger Ticket Revenue | 3,424,539 | 3,076,864 | 28,151,433 | 26,558,193 | 1,593,240 | 6.0% | 40,485,050 |
| Other Operating Revenue | 29,167 | 17,100 | 196,491 | 147,600 | 48,891 | 33.1% | 225,000 |
| Subtotal Operating Revenue | 3,453,706 | 3,093,964 | 28,347,924 | 26,705,793 | 1,642,131 | 6.1% | 40,710,050 |
| Jurisdictional Subsidy (1) | - | - | 17,250,240 | 17,250,240 | - | 0.0% | 12,875,140 |
| Federal/State/Other Jurisdictional Subsidy | 2,560,102 | 2,512,247 | 20,537,841 | 20,565,307 | (27,466) | -0.1% | 30,731,253 |
| Appropriation from Reserve/Other Income | - | - | - | - | - | 0.0% | 955,000 |
| Interest Income | 43,895 | 5,700 | 367,602 | 49,200 | 318,402 | 647.2% | 75,000 |
| Total Operating Revenue | 6,057,703 | 5,611,911 | 66,503,607 | 64,570,539 | 1,933,067 | 3.0% | 85,346,443 |
| Operating Expenses | | | | | | | |
| Departmental Operating Expenses | 5,220,719 | 5,843,103 | 49,243,410 | 51,921,978 | 2,678,568 | 5.2% | 78,595,573 |
| Debt Service | 559,765 | 559,573 | 4,478,183 | 4,476,580 | (1,603) | 0.0% | 6,714,870 |
| Other Non-Departmental Expenses | - | - | - | - | - | 0.0% | 36,000 |
| Total Operating Expenses | 5,780,484 | 6,402,675 | 53,721,593 | 56,398,558 | 2,676,965 | 4.7% | 85,346,443 |
| Net income (loss) from Operations | 277,219 | (790,764) | 12,782,014 | 8,171,982 | 4,610,032 | 0.0% | - |
| Operating Ratio | | | | | | | |
| | | | 58% | 51% | | 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:

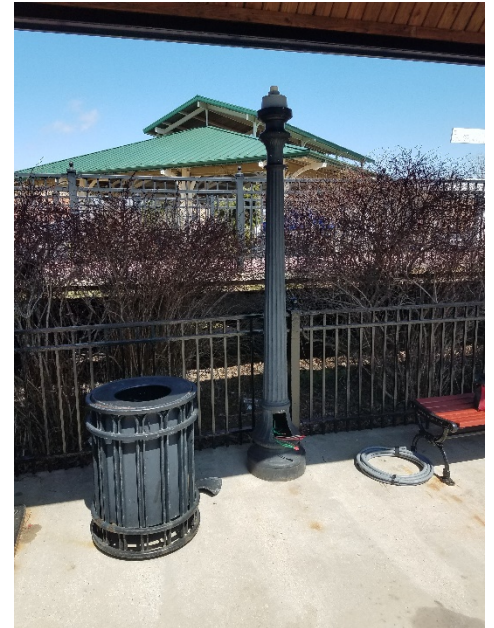
1. Cleaning of west elevator stainless steel shaft exterior at Franconia-Springfield Station

Projects scheduled to be completed this quarter:

1. Removal of vegetation along north edge of L'Enfant storage track
2. Repairs to fascia and soffit at Woodbridge Station east building
3. Replacement of ADA parking signage at Brooke and Leeland Road Stations
4. Repairs to ADA ramp at Leeland Road Station
5. Upgrades to electrical power supply for new communication cabinet at Burke Centre Station
6. Repairs to platform lighting and communications conduits at Manassas Park Station
7. Repairs to platform concrete at Manassas Station
8. Replacement of light poles and fixtures at Manassas Station
9. Installation of monitoring wells on two outfall drainage pipes at Broad Run Yard to allow for accurate discharge sampling for VPDES General Permit compliance
10. Cleaning of HVAC ductwork at Alexandria Headquarters, Woodbridge Station vendor spaces, Quantico Station, Fredericksburg office, and Crossroads and Broad Run storage yard buildings

Projects scheduled to be initiated this quarter:

1. Design of platform widening at L'Enfant Station
2. Replacement of signage at Franconia-Springfield and Fredericksburg Stations
3. Painting of Franconia-Springfield Station
4. Continuation of painting of Woodbridge Station
5. Replacement of light poles and fixtures at Fredericksburg Station
6. Replacement of parking lot signage at Broad Run Station



Existing Light Fixtures and Poles Being Replaced at Manassas Station



New LED Light Fixtures and Poles at Manassas Station

7. Repairs to pavement and striping at Franconia-Springfield, Rippon, Quantico and Leeland Road Stations, parking lot G in Fredericksburg and Crossroads and Broad Run yards
8. Renovations to Alexandria Headquarters (Suite 201, office space adjacent to Suite 202, to be leased)
9. Replacement of tactile warning strips at various stations
10. Replacement of waste and recycling receptacles throughout VRE system

Ongoing projects:

1. Development of specifications for modernization of Woodbridge Station east elevator
2. Development of design of platform concrete rehabilitation and other station improvements at Fredericksburg Station (to be managed by Office of Development)
3. Development of IFB for Canopy Roof Replacement at the Backlick and Rolling Road 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
- 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
- Seat Bottoms for Passenger Cars
- Gallery Car Door Control Switches
- Automated Electric Motor Parking Brake Systems
- Facility Security Services

CAPITAL PROJECTS UPDATES

AS OF MARCH 9TH, 2018

Broad Run Expansion Study (BRX)

- Participated in Project Management Team (PMT) meetings on February 7th and February 20th
- Planned for March public meeting
- Participated in call with AECOM on February 12th
- Participated in call/meeting with Federal Transit Administration (FTA) on February 15th
- Participated in internal design review for 3rd main track and delivery access design concepts on February 22nd
- Participated in meeting with Contractors Storage LLC, on February 28th
- Developed and finalized conceptual design details and preliminary evaluation of parking alternatives and other design elements
- Participated in a conference call on February 6th regarding additional mapping with AECOM
- Reviewed January 28th operations meeting notes and provided comments to VRE Manager of Project Development
- Reviewed January 31st PMT meeting and provided comments to VRE Manager of Project Development
- Participated in PMT meetings on February 7th and February 20th
- Reviewed Section 106 letter submitted by AECOM
- Reviewed list of contacts from GHX that had been compiled with VRE Manager of Project Development; determined the changes to be made and those who should receive an e-mail offering them to continue or be removed from the list
- Reviewed draft letter to FTA and attachment with project description, purpose, and need; provided comments to VRE Manager of Project Development
- Discussed upcoming BRX public meeting scheduled for March 22nd
- Communicated comments on additional AECOM Property Owner postcard and distribution list comments
- Reviewed “Press Release” provided by consultant team and sent comments to VRE Public Affairs Administrator
- Revised letters to potentially affected property owners regarding expanded yard and parking
- Participated in conference call with FTA on February 15th
- Requested deed and plat information for Construction Storage, LLC property just north of NS tracks in Broad Run complex vicinity and received on February 13th
- Attended review of track configuration and revised access to west end of yard on February 22nd
- Reviewed AECOM’s NS Right of Entry application and provided comments to VRE Manager of Project Development
- Coordinated with VRE Manager of Facilities Maintenance for Roadway Worker Protection training for AECOM team members
- Met with the owner of Contractors Storage, LLC the property that is north of the Broad Run Station

- Revised letter to Williams Communication, LLC and forwarded to VRE Chief Development Officer for final review
- Created tracking sheet for meetings and meeting note preparation to keep track of reviews
- Discussed property mosaic with Continental Field Services; requested base map from AECOM which was forwarded to Continental Field Services
- Requested additional property owner information from Continental Field Services which was provided March 8th
- Participated in team review meeting on March 5th and March 9th

Midday Storage Replacement Facility

- Reviewed revised Project Management Plan (PMP)
- Survey-only agreement signed by VRE and released for transmittal to Amtrak on February 7th; still waiting for executed agreement from Amtrak
- Started discussion with Amtrak on Permit to Enter (PTE) and with VHB mobilization
- All Scope of Work (SOW) for private parcel acquisition to VHB

Rolling Road Platform Extension

- Met with Dewberry on February 5th to review project status and issues
- Spoke with Norfolk Southern to discuss upcoming reviewing schedule and flagging needs for the summer
- Submitted Task Order (TO) for Construction Management (CM) activities to Procurement on February 9th
- Received 90 percent plans on February 22nd

Crossroads Real Estate Acquisition

- FTA reviewed and approved appraisal and review appraisal on February 8th
- Prepared and submitted offer package to VRE Legal on February 8th

Long Bridge Expansion Study

- Received quarterly financial and progress report from District Department of Transportation (DDOT); sent to Accounting for review
- Participated in PMT meeting on January 31st
- Arranged for teleconference with Department of Rail and Public Transportation (DRPT) to discuss project status and upcoming Project Oversight Committee (POC) meeting
- Draft Memorandum of Agreement (MOA) with Federal Railroad Administration (FRA) comments received and forwarded for Legal review

Southeast High Speed Rail Corridor (DC2RVA) Coordination

- Participated in Task Force meeting on February 8th
- Participated in Service Development Plan (SDP) meeting on February 8th

Washington Union Station Project Environmental Impact Statement (EIS)

- Provided comments on 90 percent drawings
- Participated in Public Information Display System (PIDS) project update

Lorton Platform Extension

- Final Invoice received
- Ribbon Cutting occurred on March 8th

Quantico Station Improvements

- 60 percent design for station and 90 percent design for site, civil, drainage, track, and retaining walls in vicinity of station reviewed by stakeholders
- Utility location and potential conflicts coordinated on site through CSXT
- DRPT Task Order for STV to be able to complete 60 to 90 percent design was executed
- Participated in Progress Calls on February 15th and March 1st
- Second Task Order between STV and DRPT for design was finalized and executed



Representatives of the VRE Operations Board, Fairfax Board of Supervisors, Northern Virginia Transportation Commission, Northern Virginia Transportation Authority, and Fairfax County staff assembled with VRE CEO Doug Allen to cut the ribbon on the new platform extension at Lorton Station.

Franconia-Springfield Station Improvements

- The 30 percent plan revisions are pending final emergency egress and American with Disabilities Act (ADA) access decisions by VRE, as well as design review comments by CSXT engineering and operations staff
- Provided updates during the monthly coordination call with CSXT on February 13th
- Reviewed and recommended payment for General Engineering Consulting (GEC) Invoice #17

Lorton Station Improvements (Second Platform)

- The 30 percent plan revisions are pending final emergency egress and ADA access decisions by VRE, as well as design review comments by CSXT engineering and operations staff
- Continued developing Army Corps of Engineers (ACOE) Jurisdictional Determination documentation
- Provided updates during the monthly coordination call with CSXT on February 13th
- Completed review of preliminary plans from GEC concerning egress and access
- Corresponded with DRPT regarding Virginia Department of Transportation (VDOT) Congestion Mitigation and Air Quality (CMAQ) funding and grant administration

Rippon Station Improvements

- Continued development of 30 percent plans and cost estimate
- Continued developing ACOE Jurisdictional Determination documentation
- Requested Force Account Estimate from CSXT for design review agreement
- Began developing Consent Board Item for the CSXT design review agreement
- Began developing draft CSXT design review agreement for Legal review
- Provided updates during the monthly coordination call with CSXT on February 13th
- Corresponded with DRPT regarding VDOT CMAQ funding and grant administration



Nearly 80 consultant and contractors attended VRE's Second Annual Industry Day.

- Participated in a field meeting with CSXT to review concepts on February 22nd

Leeland Road Station Improvements

- Continued development of 30 percent plans and cost estimate
- Requested Force Account Estimate from CSXT for design review agreement
- Began developing Consent Board Item for the CSXT design review agreement
- Began developing draft CSXT design review agreement for Legal review
- Provided updates during the monthly coordination call with CSXT on February 13th
- Corresponded with DRPT regarding VDOT CMAQ funding and grant administration

- Participated in a field meeting with CSXT to review concepts on February 22nd

Brooke Station Improvements

- Continued development of 30 percent plans, cost estimate, and environmental documents
- Continued developing the cost tool estimate for Option 7 based on GEC phasing plan
- Requested Force Account Estimate from CSXT for design review agreement
- Began developing Consent Board Item for the CSXT design review agreement
- Began developing draft CSXT design review agreement for Legal review
- Provided updates during the monthly coordination call with CSXT on February 13th
- Corresponded with DRPT regarding VDOT CMAQ funding and grant administration
- Participated in a field meeting with CSXT to review concepts on February 22nd

Alexandria Pedestrian Tunnel Project

- Participated in conference calls with Gannet Fleming's team for the study of fourth track, bridges and pedestrian tunnel as a solution on February 8th and February 16th
- Participated in meeting with Gannet Fleming's team for the study of fourth track, bridges and pedestrian tunnel alternative phasing on February 23rd
- Compiled a comparison of the prior 60 percent design construction phases and the current study proposed construction phases as a way to review that reasonable assumptions were being made
- Began collecting sources for alternative phasing report text
- Participated in conference call on March 6th with Gannett Fleming to discuss alternative phasing study and report status
- Discussed project during visit from Women's Transportation Seminar /Dunbar High School students on February 14th, followed by site visit

Crossroads Lifecycle Overhaul & Upgrade Facility (LOU)

- Communicated progress to CSXT, STV, the equipment manufacturers, and VRE's procurement department
- Reviewed Independent Cost Estimate prepared by VRE Chief Engineer for Construction Management Services contract and submitted to procurement for use in the procurement documents
- Discussed Evaluation Factors for Construction Management Services Request for Proposals (RFP) with VRE Chief Engineer
- Completed/signed additional forms for Construction Management services RFP
- Communicated the project information during Industry Day on February 8th
- Communicated with Kensington Consulting regarding Preliminary Hazard Analysis and requested dates available to review results for LOU
- Reviewed draft RFP for LOU Construction Management Services prepared by procurement/Contracts; discussed and compiled comments internally, and returned to procurement
- Discussed and agreed on the Evaluation Factors for Construction Management Services RFP with VRE Chief Engineer
- Confirmed date of February 28th for meeting with Kensington Consulting to review LOU questions and products regarding Safety and Hazard Analysis and Certification
- Discussed easement for CSXT during the Monthly CSXT meeting on February 13th
- Began reviewing Div 001 specifications with VRE Chief Engineer
- Cross-checked the TO for Construction Management services with the Procurement version and made notes to add to the next version
- Met with Kensington Consulting on February 28th to review safety analysis and discuss steps moving forward
- Reviewed draft LOU PHAs sent by Kensington Consulting on March 5th

L'Enfant (North) Storage Track Wayside Power

- Requested back-up information for final services invoice from C3M Power
- Conducted audit of payments to C3M, and confirmed with VRE Finance, to ensure amount for final retainage invoice
- Received a request from HDR for additional funds to complete the as-built plans
- Received as-built plans from HDR
- Prepared TO amendment for additional funds for HDR
- Processed AECOM invoice for services through February 3rd, and notified procurement of final payment
- Provided VRE COO data for contract audit
- L'Enfant (South) Storage Track Wayside Power
- Notified PEPCO on February 12th of design elements required and monitoring preparation by HDR
- Coordinated PEPCO junction box location with CSXT
- CSXT advised that trees will have to be located in the area of the new construction; relayed information to HDR to include in design
- HDR responded with items for VRE to coordinate, based on previous correspondence

APRIL 2018

- Met with HDR on February 23rd to review their response to PEPCO comments on design elements
- Discussed with HDR the trees that will be removed with their placement of the equipment
- Sent communication to CSXT presenting three proposals for tree solution
- Received plans from HDR and forwarded to Pepco requesting a review meeting the first week of April

Slaters Lane/Alexandria Track 1 Access

- Discussed during monthly CSXT briefing on February 13th
- Requested progress reports from CSXT accountant following request from Northern Virginia Transportation Authority (NVTA) October 12th, 2017

Manassas Park Station Parking Expansion

- Reviewed revisions made to meeting notes from meeting with City held in January and forwarded to City of Manassas Park representatives
- Contacted City of Manassas Park about outstanding comments on Traffic Impact Analysis and comments on 30 percent plans
- Contacted VHB regarding outstanding items such as cost estimate and requested a call
- A submittal for a design review agreement with Norfolk Southern is being prepared; coordination with Norfolk-Southern was initiated

Crystal City Station Improvements

- Met with VHB to develop project schedule and cost to complete concept design and ongoing tasks in this phase
- Draft Categorical Exclusion documentation revised per VRE comments
- Concept design for the station and track is being developed, including resolution of circulation conflicts on Crystal Drive at both access points
- Additional discussions on noise and air pollution in response to concerns voiced by residents are being held

VRE Transit Development Plan Update

- Began development of presentation materials for Workshop #1; VRE review occurred February 22nd

Projects Progress Report to Follow

PASSENGER FACILITIES

| PROJECT | DESCRIPTION | PHASE | | | | | |
|--|--|-------|----|----|-----|----|----|
| | | CD | PD | EC | RW | FD | CN |
| Alexandria Station Improvements | Pedestrian tunnel to METRO and eliminate at-grade track crossing. | ◆ | ◆ | ◆ | 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. ◆ | ◆ | ● | ● | N/A | | |
| Lorton Station Improvements | 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 | | |
| L'Enfant Track and Station Improvements | Replace existing platform with wider, longer island platform. Add fourth track (VA-LE) | ◆ | | | 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

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

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

| Total ¹ | ESTIMATED COSTS (\$) | | | Expended ² | COMPLETION | | | STATUS |
|--|----------------------|------------|------------|-----------------------|------------|--------------|---|---|
| | Funded | Unfunded | Authorized | | Percent | Date | | |
| 10,021,865 | 10,021,865 | - | 1,814,559 | 1,534,387 | 70% | 3rd QTR 2020 | ● | 60% design complete. Investigating alternative construction strategies. |
| 7,000,000 | 7,000,000 | - | 467,500 | 90,749 | 30% | 3rd QTR 2018 | ● | 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 | - | * | 313,129 | 20% | 2nd QTR 2020 | ● | Preliminary engineering is anticipated to be complete in 2nd QTR 2018. |
| 16,150,000 | 16,150,000 | - | * | 336,243 | 20% | 2nd QTR 2020 | ● | Preliminary engineering is anticipated to be complete in 2nd QTR 2018. |
| 16,632,716 | 16,632,716 | - | * | 231,125 | 20% | 4th QTR 2021 | ● | Preliminary engineering is anticipated to be complete in 3rd QTR 2018. |
| No costs for VRE. Private developer providing station. | | | | | 10% | TBD | ● | Design resumed after resolution of DRPT/CSXT/FRA track project issues. |
| 9,500,000 | 9,500,000 | 574,706 | - | - | 30% | TBD | ● | Completion of FD & construction pending execution of IPROC grant by DRPT. |
| 21,334,506 | 21,334,506 | - | * | 220,914 | 20% | 4th QTR 2021 | ● | Completion of PD & EC pending execution of REF grant by DRPT. |
| 14,336,156 | 14,336,156 | - | * | 179,310 | 20% | 4th QTR 2021 | ● | Completion of PD & EC pending execution of REF grant by DRPT. |
| 19,600,000 | 2,500,000 | 17,100,000 | 665,785 | 601,176 | 25% | 2nd QTR 2018 | ● | 30% design plans received and under review. |
| 2,000,000 | 2,000,000 | - | 442,900 | 224,030 | 20% | 3rd QTR 2020 | ● | 60% design plans under review by NS. |
| 21,160,000 | 400,000 | 20,760,000 | 370,285 | 360,747 | 10% | 2nd QTR 2023 | ● | Completion of PD & EC pending execution of REF grant by DRPT. |
| 68,600,000 | 2,980,000 | 65,620,000 | - | 45,139 | 10% | 2nd QTR 2023 | ● | Completion of planning, PD & EC pending execution of REF grant by DRPT. |

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 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 | ◆ | ◆ | ◆ | 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. | ◆ | 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 (\$) | | | | COMPLETION | | STATUS |
|--------------------|----------------------|-------------|------------|-----------------------|------------|--------------|---|
| | Funded | Unfunded | Authorized | Expended ² | Percent | Date | |
| 32,500,000 | 32,500,000 | - | 33,285,519 | 30,578,003 | 100% | 4th QTR 2015 |  Close-out pending repair of storm damage to embankment. |
| 4,398,996 | 4,398,996 | - | 4,398,996 | 3,272,713 | 100% | 2nd QTR 2017 |  Wayside power installation complete. Track and signals in service. |
| 3,965,000 | 3,965,000 | - | 2,937,323 | 3,045,774 | 50% | 3rd QTR 2017 |  Power design under review by CSXT & Pepco. Track and signals in service. |
| 38,146,323 | 38,146,323 | - | 3,176,039 | 3,156,717 | 30% | TBD |  Design 100% complete. On hold pending property acquisition. |
| 2,950,000 | 2,950,000 | - | 2,950,000 | 2,950,000 | 90% | TBD |  Property appraisal underway, followed by review by FTA. |
| 88,800,000 | 88,800,000 | - | 3,588,305 | 993,204 | 15% | 4th QTR 2018 |  Progress delayed pending Amtrak approval of site access for survey. |
| 75,264,693 | 75,264,693 | - | 69,457,809 | 36,994,353 | 95% | 4th QTR 2020 |  All cars received. Completion date reflects end of warranty period. |
| 10,553,000 | 10,553,000 | - | 10,294,079 | 7,472,954 | 80% | 4th QTR 2018 |  Onboard installations ongoing. |
| 617,791,163 | 5,885,163 | 611,906,000 | 5,483,720 | 2,905,615 | 15% | 3rd QTR 2022 |  Focus on capacity improvements on existing Broad Run complex. |
| 3,510,307 | 3,510,307 | - | 3,510,627 | 1,950,757 | 55% | 2nd QTR 2018 |  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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