VIRGINIA RAILWAY EXPRESS

FY2020 - FY2025
TRANSIT DEVELOPMENT PLAN

VRE Operations Board
November 16, 2018
Internal perspective (VRE)
Summarizes and coordinates
near term actions and
initiatives to achieve VRE’s
long range vision

External perspective (DRPT)
Commonwealth transit agencies
identify needs, service changes,
required funding, and local
priorities to meet near and long
term opportunities and challenges
TDP UPDATE PROCESS

**Workshop #1 on goals, performance measures, and system & service evaluation**

**Workshop #2 on service & capital plan, and financial plan**

**VRE Board Briefing Nov 2018**

**Adopt TDP Jan 2019**

- **Update Baseline**
- **Evaluate System & Service Area**
- **Identify Needs & Projects**
- **Financial Planning**
- **Document Budget & CIP Development**
- **Identify Monitoring & Update Process**
- **Review & Revise**

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<th>Year</th>
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<td>Evaluate System &amp; Service Area</td>
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VIRGINIA RAILWAY EXPRESS
VRE MISSION: The Virginia Railway Express (VRE), a joint project of the Northern Virginia Transportation Commission and the Potomac and Rappahannock Transportation Commission, will provide safe, cost effective, accessible, reliable, convenient, and comfortable commuter-oriented rail passenger service. VRE will contribute to the economic development of its member jurisdictions as an integral part of a balanced, intermodal regional transportation system.

GOAL #1 – SERVICE DELIVERY
Deliver safe, secure, high-quality, and convenient service that is responsive to customer needs

GOAL #2 – BUSINESS PRACTICES
Employ industry-leading business practices to drive operating efficiency, project delivery, regulatory compliance, and partnerships

GOAL #3 – SERVICE ENHANCEMENT
Expand VRE ridership efficiently and economically through operational enhancements, physical improvements, and coordinated intermodal integration throughout the region
VIRGINIA RAILWAY EXPRESS

Transit Development Plan Performance Measures
Reported Annually

VRE MISSION

Goal 1: SERVICE DELIVERY

Goal 2: BUSINESS PRACTICES

Goal 3: SERVICE ENHANCEMENT

Ridership by Line
On-Time Performance by Line
Percent of Passengers Delayed
Customer Satisfaction Rating

Operating Ratio
FRA-Reportable Injuries (Employee & Passenger)
Condition of Assets - State of Good Repair
Project Production Rate
TRANSIT DEVELOPMENT PLAN
FY2020 – FY2025

Prepared by the
Virginia Railway Express

For submittal to the
Virginia Department of Rail
and Public Transportation
**TDP TIMEFRAMES**

**FY 2020 – 2025 Fiscally-Constrained Plan**
- Outlines existing service and limited expansion consistent with the “Natural Growth” scenario
- Prioritizes implementation of projects and plans
- Identifies the financial plan for capital projects and operations

**FY 2026 – 2029 Fiscally-Unconstrained Plan**
- Identifies current and future unfunded needs along with potential resources
- Summarizes ongoing planning/forecasting processes and initiatives
NEEDS – SEAT CAPACITY

- Some MSS Line trains are over-subscribed today
- Ridership modeling was conducted to identify long-term demand
- Results show 10-car trains on FBG Line will not meet 2030 peak hour demand

Source: FY 2018 VRE Master Agreement Boarding Counts (10/4/2017) and VRE Ridership Forecast, Natural Growth Scenario, VRE Travel Demand Model (11/17/17)
NEEDS – TIMING, FREQUENCY, MARKET

- VRE riders prefer earlier PM departures on both lines
- Modeling results show that new riders are attracted by higher frequency service, esp. MSS Line
- Frequency of service cited in VRE Customer Surveys
- Interest in reverse commute was expressed at the TDP workshop and other meetings

Top Five VRE Customer Survey Concerns (2015-2016)

- **On-Time Performance**: 23%
- **Cost**: 19%
- **Frequency of Service**: 15%
- **No Concern**: 8%
- **Lack of Seats**: 8%
SERVICE EXPANSION REQUIREMENTS

- Additional operating funding
- Additional capital funding (equipment, facilities, etc.)
- Expanded train storage capacity at VA and DC yards
- Expanded capacity at Washington Union Station at peak times
- Appropriate number & time of slots for each line
**SERVICE PLANNING**

**FY 2020 – 2025 Fiscally-Constrained Plan**

- Extend existing FBG trains to 8 cars as needed  *(SMART SCALE)*
- Extend existing MSS trains to 10 cars as needed  *(I-66 OTB)*

**FY 2026 – 2029 Fiscally-Unconstrained Plan**

- Develop a service plan to:
  - Adjust train timings and increase frequency using existing resources in the near term
  - Provide additional peak trips using new trainsets
  - Serve FBG reverse commute by cycling trainsets for new peak trips
**CAPITAL PROJECTS**

**FY 2020 – 2025 Fiscally-Constrained Plan**
- Platform extensions, second platforms, & parking expansions
- Yard expansions in DC and VA to store extended trains
- Rolling stock (coaches) to extend trains
- Fourth Track segments between Alexandria and L’Enfant stations

**FY 2026 – 2029 Fiscally-Unconstrained Plan**
- Long Bridge expansion
- Third track south of the Occoquan river
- Locomotives and coaches for new trains
- Yard expansions to store new trains
AGENDA FOR TODAY

15 MINUTE BREAK

UP NEXT - BREAKOUT SESSION PARTICIPATION:
• VRE's Message
• Alignment of Needs

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