Transforming Rail In Virginia Capital Projects: Major Milestones
# FY 23 VPRA Budget: Capital Projects

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Washington to Richmond Projects

**PHASE 1 & 2 IMPROVEMENTS AND HIGHLIGHTS**

**RAIL CORRIDOR IMPROVEMENTS**
Completed 37 Miles of New Track
- **PHASE 1** (Completed 2020): 23 miles of new track
- **PHASE 2** (Completion 2030): 14 miles of new track

**RAILROAD RIGHT-OF-WAY (ROW) AND TRACK ACQUISITION**
Purchases of 194 Miles of Railroad ROW and 233 Miles of Track

- **SEGMENT 1**
  - Rail of CSX ROW between Washington, DC, and Petersburg, VA (50 miles), and 44 miles of track
- **SEGMENT 2**
  - All of CSX ROW (abandoned rail line) between Petersburg, VA, and Ridgeway, NC (76 miles)
- **SEGMENT 3**
  - Nearly all of CSX ROW between Oswald, VA, and Gilton Forge, VA (124 miles), and 179 miles of track

**NETWORK MAP**

**LEGEND**
- **PHASE 1**
- **PHASE 2**
- **CSX RAILROAD TRACKS**
- **Existing**
- **Projects**

**STATIONS**
- Union Station
- L’Enfant
- Crystal City
- Alexandria
- Lorton
- Woodbridge
- Rippon
- Potomac Shores (Future)
- Quantico
- Brooke
- Leeland Road
- Fredericksburg
- Spotsylvania
- Hanover
- Woodford to Milford Third Track (Siding C)
- Cressroads Third Track (Siding F)
- Potomac Creek Third Track South (Siding A)
- Aquia Creek Third Track South (Siding E)
- Neabsco Creek to Woodbridge Third Track (Siding D)
- Alexandria Fourth Track
- Franconia-Springfield Bypass
- Franconia to Lorton Third Track
Long Bridge

• Long Bridge is 2-track bottleneck located between 3 tracks in DC and VA
• $2 Billion construction of a new 2-track bridge and associated 4th track projects will create an 8-mile 4-track corridor, with two tracks dedicated to passenger trains.
• VPRA-led project
• Preliminary engineering expected to last through 2024 with final design and construction through 2030
Long Bridge

- Project will construct 1.8 miles of track and numerous rail bridges and retaining walls
- As part of 30% design, the project team is currently reviewing 15% design
- Key piece of VPRA’s FTA Capital Investment Grant (CIG) submittal – formally accepted in Nov, 2021
- The FRA issued the Environmental Decision in 2020, but FTA will need to adopt as part of CIG process
- CSXT-VPRA Project Authorization Notice being drafted and expected to be complete in the next month

Bridge Focus Areas – RO Interlocking to LE Interlocking
1. RO interlocking to Mt. Vernon Trail
2. Potomac River Crossings
3. WMATA Tunnel Portal & I-395 Crossings
4. I-395 to Ohio Drive SW
5. Washington Channel to Maine Avenue
6. Maryland Avenue Overbuild to LE
Alexandria 4th Track

- $210 Million Project constructs 6 miles of track
- CSX-led project
- Currently at 30% design, and VPRA issued a notice to proceed to CSX for Final Design in November
- Construction estimated to be complete: 2026
- An Early Works Crash Wall completed 11/2021
  - Completion was important to meeting a US DOT Grant Obligation deadline in 11/2021
  - Project completed with VDOT Assistance
  - A crash wall is located near National Airport adjacent to track 1
Franconia to Lorton 3rd Track

- $208 Million Project will construct 7 miles of track
- CSX-led project
- There are two bridge replacement projects planned for construction as part of the project: Newington and Route 1 (with costs of $36M and $57M)
- CSXT-VPRA Project Authorization Notice finalized early January includes 30% design for 3rd track and Newington & Route 1 Bridges
- Construction estimated to be complete 2026
Franconia-Springfield Bypass

- $241 Million project will:
  - Construct elevated rail tracks to move passenger trains over freight tracks, eliminating passenger-freight conflicts
  - Bypass will improve access for VRE passenger train platforms, current trains cross tracks to access platforms

- VPRA-led project

- $23 Million Northern Virginia Transportation Authority (NVTA) Grant in 2020 (For Construction)

- The Project Authorization Notice with CSX is being negotiated with CSX, and it will take design to 30%

- Construction estimated to be complete 2026
Norfolk Southern Projects

Three Major Projects
• Nokesville to Calverton
• Roanoke Yard
• Salem to New River Valley Track & Passenger Rail Station
Nokesville to Calverton Double Track

- $50 Million Project will construct over 7 miles of double track for a continuous 22 miles of double track south of Manassas
- Norfolk Southern-led project
- VPRA issued a Letter of No Prejudice in June of 2021 to authorize Norfolk Southern to initiate design at their own expense until the Comprehensive Rail Agreement is final in mid-2022
- Construction estimated to be complete by 2026
Roanoke Yard

• $36.5 Million project will improve track in the Roanoke Yard west of the Amtrak Station to ease the flow of passenger trains to the New River Valley

• Norfolk Southern-led project

• Also included in the June Letter of No Prejudice submitted to NS

• Construction estimated to be complete 2026
New River Valley Passenger Station

- Project will construct track, signals, platform, and station in the New River Valley.
- $74 Million estimated cost at Feasibility Study stage, final cost TBD
- VPRA-led project
- New River Valley Passenger Rail Station Authority will partner with VPRA on the Station and intermodal connections
- Survey ongoing to gather public input on potential locations
- Over 2500 comments to date, with mall options favored among the public
- Public Meeting: late February
- Construction estimated by 2026
Questions?

Michael McLaughlin
Chief Operating Officer