To: Chairman Smedberg and the VRE Operations Board

From: Doug Allen

Date: November 17, 2017

Re: Recommend Authorization to Submit VRE Projects to NVTA for FY 2018-2023 Six Year Program Funding Consideration

Recommendation:

The VRE Operations Board is asked to recommend the Commissions approve submission of the attached list of projects to the Northern Virginia Transportation Authority (NVTA) for evaluation and funding consideration in its Fiscal Year (FY) 2018-2023 Six Year Program; and authorize the Chief Executive Officer to submit the approved projects for funding, make any necessary corrections to project amounts or descriptions in the applications, and execute all project funding agreements that may result from consideration of the projects.

Summary:

NVTA issued a Call for Projects for its FY2018-2023 Six Year Program (SYP) on October 4, 2017. The funding source for the SYP is regional taxes and fees collected under House Bill (HB) 2313 and sent to NVTA. NVTA can only consider projects for funding that are included in the TransAction long-range regional transportation plan and are evaluated and rated for congestion reduction and homeland security mobility as part of HB 599 requirements. In addition, NVTA can only fund mass transit capital projects that increase capacity.

Applications are due at 12:00 Noon on December 15, 2017. NVTA requires resolution of support for project applications by the governing body of the submitting jurisdiction or agency. VRE also seeks resolutions of support from the governing body of the jurisdiction where its project is located. Resolutions of Support are due at 12:00 Noon on January 19, 2018.
**Background:**

The following VRE projects are recommended for submission to NVTA. All the projects are included in TransAction and will expand VRE capacity. They are also identified in the VRE Capital Improvement Program and System Plan 2040.

1. Crystal City Station Improvements: relocated and expanded station with longer platform for full-length trains and service on two tracks. This project is related to and must be coordinated with the Atlantic Gateway Project (4th Track from Alexandria to Potomac River).
2. L'Enfant Station and Track Improvements: relocated and expanded station with longer platform for full-length trains from two tracks and addition of related fourth through the station from L'Enfant interlocking to Virginia interlocking.
3. Woodbridge Station and Track Improvements: expanded station with longer platform for full-length trains from three tracks and addition of related Occoquan third track through the station. The new track will extend from the Franconia-Springfield to Occoquan third track segment, funded through the Commonwealth’s Atlantic Gateway initiative, to near Featherstone Rd. and include crossing of the Occoquan River.
4. Manassas Park Station Parking Garage: addition of a parking garage to provide additional parking for the station and a grade-separated pedestrian connection from the garage to the station platform.
5. Manassas Station Improvements: expanded station with longer platform for full length trains and pedestrian connection to the Prince William Street surface parking lot.
6. Broad Run Station and MSF Improvements: expanded station with longer platform, additional parking, and expanded maintenance and storage facility (MSF) for storage of longer trains.
7. Manassas Line Third Track: provision of a third main track on the Norfolk Southern Railway from the VRE Broad Run station to Grant Avenue in Manassas to provide additional capacity for VRE trains.
8. Manassas Line Real-Time Multimodal Traveler Information System: implementation of software and equipment/infrastructure to support the provision of VRE real-time information for train arrivals, available parking capacity at stations, and available seating capacity on trains.
9. VRE Rolling Stock: procurement of 10 expansion coaches to lengthen VRE Manassas Line trains.

The NVTA funding request for Projects 1, 2 and 3 will advance the projects through the Final Engineering Design phase. Funding has already been identified to complete the initial Preliminary Engineering Design and Environmental Review phases.

Projects 4 through 9 were included in the VRE Manassas Line Capacity Expansion Project, which the NVTA recommended to the Commonwealth Transportation Board (CTB) for funding with the Transform 66 Outside the Beltway (OTB) concessionaire payment in July 2017. The concessionaire payment would provide full funding to implement each of the
projects through construction. The CTB is not anticipated to approve the projects that will be funded with the concessionaire payment until the Commonwealth has reached financial close with Express Mobility Partners (EMP), the private-sector partner in the public-private partnership transportation project. VRE is requesting funding from the NVTA SYP for the individual components of the Manassas Line Capacity Expansion Project as an alternative funding source until financial close is reached and contingency for the project.

Attachment 1 summarizes the estimated cost and phase(s) of implementation for each project. The costs are preliminary estimates. Detailed budgets will be developed if the project is selected for funding.

The Operations Board is asked to recommend the Commissions authorize the VRE Chief Executive Officer to submit the identified projects for funding consideration, to make any necessary corrections to project amounts or descriptions, and to execute all project agreements on behalf of the Commissions. NVTC will provide oversight for the Commissions on the reimbursement of project expenditures.

**Fiscal Impact:**

The submission of a project funding request has no fiscal impact. If selected for funding, the NVTA funds would allow the projects to advance to the next phase(s) of project development and implementation.
Virginia Railway Express
Operations Board

Resolution
9E-11-2017

Recommend Authorization to Submit VRE Projects to NVTA for FY 2018-2023 Six Year Program Funding Consideration

WHEREAS, the passage of House Bill 2313 requires the NVTA to fund highway projects that have been both included in TransAction and evaluated for congestion relief and emergency evacuation by VDOT or mass transit capital projects that increase capacity; and,

WHEREAS, NVTA has issued a Call for Projects to agencies and jurisdictions for consideration for funding with expected FY2018 through FY2023 revenues; and,

WHEREAS, VRE has identified a set of projects that expand VRE capacity consistent with the VRE Capital Improvement Program and System Plan 2040 where funding to continue to advance the project through implementation has not yet been identified; and,

WHEREAS, each of the projects satisfies NVTA funding eligibility requirements to both be included in the TransAction long-range regional transportation plan and increase transit capacity;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby recommend the Commissions approve the submission of the projects identified in Attachment 1 to the NVTA for consideration for funding in its FY2018-2023 Six Year Program; and,

BE IT FURTHER RESOLVED THAT, the Operations Board does hereby recommend the Commissions authorize the VRE Chief Executive Officer to submit the approved projects for funding, to make any necessary corrections to project amounts or descriptions, to remove the L’Enfant station and track improvements project dependent on its eligibility for NVTA funding, and to execute all project agreements on behalf of the Commissions.

Approved this 17th day of November 2017

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Paul Smedberg
Chairman

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Katie Cristol
Secretary
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Description</th>
<th>Phase Requested for Funding</th>
<th>Year Funding Requested</th>
<th>Estimated Cost ($YOE)</th>
<th>Proposed NVTA Funding Request</th>
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</thead>
<tbody>
<tr>
<td>Crystal City Station Improvements</td>
<td>Relocated and expanded station with longer platform and service on two tracks</td>
<td>Final Design</td>
<td>FY20</td>
<td>$42,000,000</td>
<td>$4,000,000</td>
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<td>L’Enfant Station and Track Improvements</td>
<td>Relocated and expanded station with longer platform and service on two tracks, addition of fourth through the station from L'Enfant interlocking to Virginia interlocking.</td>
<td>Final Design</td>
<td>FY21</td>
<td>$71,000,000</td>
<td>$6,000,000</td>
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<td>Woodbridge Station and Track Improvements</td>
<td>Expanded station with longer platform and service on three tracks, addition of Occoquan third track through the station from the Franconia-Springfield to Occoquan third track segment to near Featherstone Rd., including crossing of the Occoquan River.</td>
<td>Final Design</td>
<td>FY22</td>
<td>$230,000,000</td>
<td>$29,500,000</td>
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<td>Manassas Park Station Parking Garage</td>
<td>Addition of a parking garage to provide additional parking for the station and a grade-separated pedestrian connection from the garage to the station platform.</td>
<td>Construction</td>
<td>FY19</td>
<td>$25,983,000</td>
<td>$23,480,000</td>
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<td>Manassas Station Improvements</td>
<td>Expanded station with longer platform and pedestrian connection to the Prince William Street surface parking lot</td>
<td>Preliminary Engineering/ Environmental Review, Final Design, Construction</td>
<td>FY19 Design FY21 Const.</td>
<td>$9,125,000</td>
<td>$9,125,000</td>
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<td>Broad Run Station and MSF Improvements</td>
<td>Expanded station with longer platform and additional parking, expanded train storage for longer trains</td>
<td>Final Design, Construction</td>
<td>FY19 Design FY20 Const.</td>
<td>$56,256,000</td>
<td>$44,156,000</td>
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<td>Manassas Line Third Track</td>
<td>Third main track on the Norfolk Southern Railway from the VRE Broad Run station to Grant Avenue in Manassas</td>
<td>Final Design, Construction</td>
<td>FY19 Design FY21 Const.</td>
<td>$20,131,000</td>
<td>$20,131,000</td>
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<td>Manassas Line Real-Time Multimodal Traveler Information System</td>
<td>Software and equipment to support the provision of VRE real-time traveler information</td>
<td>System Design and Procurement of Software and Equipment</td>
<td>FY19</td>
<td>$6,561,000</td>
<td>$3,481,000</td>
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<td>VRE Rolling Stock</td>
<td>10 expansion coaches to lengthen VRE Manassas Line trains</td>
<td>Procurement of Coaches</td>
<td>FY19</td>
<td>$33,370,000</td>
<td>$28,120,000</td>
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<td><strong>Total</strong></td>
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<td><strong>$494,426,000</strong></td>
<td><strong>$167,993,000</strong></td>
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