



VIRGINIA RAILWAY EXPRESS  
OPERATIONS BOARD

**Agenda Item 9-C**  
**Action Item**

**To: Chair Bohmke and the VRE Operations Board**

**From: Rich Dalton**

**Date: February 16, 2024**

**Re: Authorization to Issue a GEC VIII Task Order for Final Design Services for Franconia-Springfield Station Improvements**

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**Recommendation:**

The VRE Operations Board is asked to authorize the Chief Executive Officer to issue a General Engineering Consulting Services (GEC) VIII Task Order to HDR Engineering, Inc. for Final Design Services for Franconia-Springfield Station Improvements in the amount of \$323,000, plus a 10 percent contingency of \$32,300, for a total not to exceed \$355,300.

**Summary:**

The Franconia-Springfield Station Improvements Project will construct extensions to both existing platforms, east and west, capable of serving 8-car train sets. The scope of work for this Task Order covers the final design of these improvements.

**Background:**

VRE, the Virginia Passenger Rail Authority (VPRA), and CSX Transportation (CSXT) are coordinating work regarding the Franconia-Springfield Station Improvements overlapping the Transforming Rail in Virginia (TRV) program. These various projects are being designed, coordinated, and constructed in conjunction with each other.

Design services to lengthen the existing platforms at the Franconia-Springfield Station is at the 90% level of design, and the pedestrian underpass to access the Franconia-Springfield Station is approaching the 90% level of design.

Design of the future Franconia to Lorton Third Track to be constructed in the vicinity of the station under the TRV program is progressing from 60% to 90% design; and a contract for the



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14700 Potomac Mills Road  
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Franconia Bypass was recently awarded by VPRA employing a Construction Manager/General Contractor (CM/GC) delivery method based on the 30% design.

For ease of construction, and to provide continuous station access from the east, during and after construction of the third track, the collective design efforts associated with the Franconia-Springfield Station Improvements, including the platform extensions and associated improvements as well as the pedestrian underpass, must progress concurrently on a timeline that allows for construction at the station to be completed prior to construction of the third track project in the vicinity of the station.

The scope of work for this Task Order includes final design services required to advance the existing 90% Franconia-Springfield Station Improvements design to a final biddable set of construction documents, including incorporation of the platform extensions and associated improvements as well as the pedestrian underpass into a single set of documents. Design of the pedestrian underpass is advancing under a separate Task Order, but in direct coordination with this Task Order. This Task Order includes the necessary effort to ensure these separate design efforts are coordinated and unified to facilitate a single construction procurement.

**Fiscal Impact:**

Funding is provided through a variety of previously committed sources:

- Northern Virginia Transportation Authority, with associated local matching funds; and
- Federal Transit Administration (FTA) State of Good Repair funds (Section 5337) with associated state and local matching funds.

**Virginia Railway Express  
Operations Board Resolution**

**9C-02-2024**

**Authorization to Issue a GEC VIII Task Order for Final Design Services for  
Franconia-Springfield Station Improvements**

**WHEREAS**, the Franconia-Springfield Station Improvements will be designed and constructed to better accommodate up to 8-car train consists, allowing for more efficient boarding and alighting with a reduction in passenger queuing within the train; and,

**WHEREAS**, the Franconia-Springfield Station Improvements are closely interrelated to and must be implemented in advance of third track construction through the station by the Virginia Passenger Rail Authority; and,

**WHEREAS**, the scope of work for this Task Order includes advancing the station improvements design to 100%, and incorporation of changes resulting from the design of adjacent projects, for delivery of a single Issued for Construction set of plans and specifications; and,

**WHEREAS**, VRE has received a proposal from its contracted GEC VIII design consultant, HDR Engineering, Inc., to advance the design to 100% for the station improvements and staff has deemed it fair and reasonable;

**NOW, THEREFORE, BE IT RESOLVED THAT**, the VRE Operations Board does hereby authorize the Chief Executive Officer to issue a General Engineering Consulting Services (GEC) VIII Task Order to HDR Engineering, Inc. for Final Design Services for Franconia-Springfield Station Improvements in the amount of \$323,000, plus a 10 percent contingency of \$32,300, for a total not to exceed \$355,300.

Approved this 16<sup>th</sup> day of February 2024

  
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Ralph Smith  
Secretary

  
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Meg Bohmke  
Chair