To: Chairman Skinner and the VRE Operations Board

From: Doug Allen

Date: May 20, 2016

Re: Authorization to Amend the Contract for Construction of the Lorton Station Platform Extension Project

Recommendation:

The VRE Operations Board is asked to authorize the Chief Executive Officer to execute a contract amendment with Hammerhead Construction of Virginia, Inc. of Leesburg VA, for the construction of the Lorton Station Platform Extension project in an amount of $180,000, plus a 10% contingency of $18,000, for a total amount not to exceed $198,000. This will increase the existing Board authorization from $991,980, to an overall amount not to exceed $1,189,980.

Background:

In 2010, VRE, in conjunction with Fairfax County, initiated a program of improvements at Lorton Station that includes extending the existing platform to accommodate longer trains, adds a second platform to provide additional flexibility for railroad operations, and adds parking.

The existing 400-foot platform can only accommodate five-car trains. The Lorton Station Platform Extension project will extend the existing platform an additional 250 feet to accommodate eight-car trains.
In March 2014, the VRE Operations Board authorized award of the construction contract to Hammerhead Construction of Virginia, Inc. This contract was executed in April of 2014. Notice to Proceed (NTP) for construction was delayed, however, due to:

- Further analysis needed to resolve potential physical conflicts between the present platform location and the future third track being designed by the Virginia Department of Rail and Public Transportation as part of the DC2RVA project; and,

- Difficulty acquiring a Right of Entry and flagging support from CSX Transportation due to concurrent commitments of qualified personnel to other construction projects on the RF&P Subdivision.

These two issues have been satisfactorily resolved and VRE is ready to issue NTP for the Lorton Platform Extension Project. A change order is necessary to account for price increases incurred over the two years since the contract was originally awarded. These changes include:

- Price increases for concrete;

- New roofing subcontractors and materials to replace the original subcontractor that went out of business; and,

- Escalation of the original bid amount by 4% each year of the two year delay, amounting to an 8% total increase to Hammerhead’s original bid, excluding the concrete and metal roofing prices.

The price increases total $180,000 and were submitted by the Contractor to VRE. A detailed review of these changes by VRE’s construction management consultant indicated these charges were fair and justified when compared to changes in costs incurred by other similar projects in Northern Virginia over a similar period.

With execution of this change order, construction of the platform extension is expected to commence in May and be completed by the end of 2016.

**Fiscal Impact:**

The current Lorton Station Platform Extension Project is included in the Capital Improvement Program at $2,500,000, which is sufficient to accommodate this contract amendment. Funding is provided through a state mass transit grant, matched by Fairfax County, and federal and state CMAQ funds.
Virginia Railway Express
Operations Board

Resolution
8D-05-2016

Authorization to Amend the Contract for Construction of the Lorton Station Platform Extension Project

WHEREAS, due to current ridership demand along with future growth projections, VRE and Fairfax County have initiated a platform extension project at Lorton VRE Station that will accommodate ridership growth as well as provide flexibility for railroad operations; and,

WHEREAS, in March 2014, a contract for the Lorton Station platform extension was executed with Hammerhead Construction; and,

WHEREAS, the project was delayed for further analysis to resolve potential physical conflicts between the present platform location and the future third track being designed by the Virginia Department of Rail and Public Transportation as part of the DC2RVA project; and,

WHEREAS, the project was further delayed by difficulty acquiring a Right of Entry and flagging support from CSX Transportation due to concurrent commitments of qualified personnel to other construction projects on their RF&P Subdivision; and,

WHEREAS, Hammerhead Construction submitted a list of price adjustments to VRE due to price escalation and other factors over the two years since project award, $180,000 of which VRE has determined, upon review and negotiation with the Contractor, to be reasonable and justified; and,

WHEREAS, a contract amendment is required to account for the price increases;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to execute a contract amendment with Hammerhead Construction of Virginia, Inc. for the construction of the Lorton Station Platform Extension project in an amount of $180,000, plus a 10% contingency of $18,000, for a total amount of $198,000, increasing the existing Board authorization from $991,980, to an overall amount not to exceed of $1,189,980.
Resolution 8D-05-2016
Page 2

Approved this 20th day of May 2016

_____________________________
Gary Skinner
Chairman

_____________________________
Maureen Caddigan
Secretary