

**AGENDA ITEM 8-C**  
**ACTION ITEM**

**TO: CHAIRMAN JENKINS AND THE VRE OPERATIONS BOARD**

**FROM: DALE ZEHNER**

**DATE: SEPTEMBER 19, 2008**

**RE: AUTHORIZATION TO AMEND A TASK ORDER FOR RAILCAR  
CAMERA MODIFICATIONS**

---

**RECOMMENDATION:**

The VRE Operations Board is being asked to authorize the Chief Executive Officer to amend a task order with STV for the installation of cameras to the eleven base order Gallery cars purchased from Sumitomo Corporation of America by \$45,595, for a total amount not to exceed \$83,728.

**BACKGROUND:**

Following the production of the eleven base order cab cars, but prior to the production of the 50 option order Gallery cars, VRE determined that adding front-viewing cameras and engineer monitors to all cab cars would enhance passenger safety. These cameras would provide the locomotive engineers with forward views of a blind spot immediately ahead of the cab cars. A change order was subsequently issued for \$128,600, within the project contingency, for all ten cab cars included in the 50 option order.

However, as the eleven base order cab cars were already in service, it became necessary to modify them in the field. VRE issued a task order to STV, under the CEO's authority, in the amount of \$38,133 for the installation of eleven cameras. This cost estimate was based on a review of design drawings and was found to be insufficient once field work began. The amount of disassembly, stainless steel drilling, and wire running was beyond what was anticipated and additional authority is now required.

**FISCAL IMPACT:**

Funding for this project is included in VRE's Capital Improvement Program (CIP) as part of the Gallery car project. Funding is being provided using a federal grant with match coming from both state and local funds.

**TO: CHAIRMAN JENKINS AND THE VRE OPERATIONS BOARD**  
**FROM: DALE ZEHNER**  
**DATE: SEPTEMBER 19, 2008**  
**RE: AUTHORIZATION TO AMEND A TASK ORDER FOR RAILCAR  
CAMERA MODIFICATIONS**

**RESOLUTION  
8C-09-2008  
OF THE  
VIRGINIA RAILWAY EXPRESS  
OPERATIONS BOARD**

**WHEREAS**, front-viewing cameras and engineer monitors were installed in all ten option order railcars via a change order to the contract; and,

**WHEREAS**, installation of the same camera operation in the eleven base order cab cars required a retrofit in the field as the cars were already in service; and,

**WHEREAS**, STV, VRE's mechanical engineering consultant, was asked to prepare a task order for this work; and,

**WHEREAS**, based upon review of the engineering drawings of the cab cars, STV proposed \$38,133; and,

**WHEREAS**, the amount of disassembly, stainless steel drilling, and wire running was beyond what was anticipated and additional authority is now required.

**NOW, THEREFORE, BE IT RESOLVED THAT**, the VRE Operations Board authorizes the Chief Executive Officer to amend a task order with STV for the installation of cameras to the eleven base order Gallery cars purchased from Sumitomo Corporation of America by \$45,595, for a total amount not to exceed \$83,728.