

## CITY COUNCIL AGENDA ITEM

### CITY OF SHORELINE, WASHINGTON

**AGENDA TITLE:** Motion to Authorize the City Manager to Execute Change Order No. 2 for the Saltwater Park Pedestrian Bridge Project with MJ Hughes Construction in the Amount of \$64,795

**DEPARTMENT:** Public Works

**PRESENTED BY:** Randy Witt, Public Works Director

**ACTION:** \_\_\_\_\_ Ordinance    \_\_\_\_\_ Resolution      X   Motion  
                   \_\_\_\_\_ Discussion    \_\_\_\_\_ Public Hearing

**PROBLEM/ISSUE STATEMENT:**

Repairs on the Saltwater Park Pedestrian Bridge involved City construction activity on Burlington Northern Santa Fe (BNSF) railroad property. As a condition of permitting construction work on its property, BNSF required its safety flaggers to be present whenever work was conducted within 25 feet of the railroad tracks. BNSF construction inspection was also required to ensure construction work met BNSF safety and procedural requirements. This change order to the City's contract with MJ Hughes Construction provides for payment of the BNSF charges for the safety flagging and inspection services provided by BNSF during the project. While these charges were anticipated and the project budget includes an allowance for them, they were not included in the original construction contract with MJ Hughes because BNSF and City staff were unable to accurately estimate the charges prior to bidding and construction.

**RESOURCE/FINANCIAL IMPACT:**

The following table shows project expenditures, including Change Order No.2, and the available project revenue:

**EXPENDITURES**

Design:		
Staff	\$41,500	
Professional Services	\$61,500	
Total Design		\$103,000
Construction:		
Staff and other Direct Expenses	\$32,500	
Construction Contract	\$270,424	
Change Order No.1	\$61,055	
Change Order No.1	-\$1,524	
<b>Change Order No. 2</b>	<b>\$64,795</b>	
Contingency	\$0	
Total Construction		\$427,250
1% for the Arts		\$2,543
Total Project Cost		\$532,793

## REVENUE

KC Trail Levy	\$154,800
General Capital Fund	\$382,873
Total Funding	\$537,673

## RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute Change Order No. 2 with M.J. Hughes Construction in the amount of \$64,795.

Approved By:      City Manager **DT**      City Attorney **MK**

## **INTRODUCTION**

The Richmond Beach Saltwater Park Pedestrian Bridge Repair project is now complete and all charges for BNSF flagging and inspection services have been received. This change order provides for payment of the BNSF charges for BNSF safety flagging and inspection provided during the project.

## **BACKGROUND**

In 2011, City staff worked with the King County Bridge and Structural Design Unit to complete inspection of the 50-year-old Saltwater Park Pedestrian Bridge. The inspection report identified the repair work that was included in this project.

On November 26, 2014 the City entered in to a contract with MJ Hughes Construction Co. in the amount of \$270,424 to complete planned repairs to the Richmond Beach Saltwater Park Pedestrian Bridge. A majority of the repairs involved working within BNSF right of way. BNSF required MJ Hughes to acquire a permit that specifies conditions related to rail safety and limiting rail transportation impacts.

A main requirement of the BNSF permit was that a BNSF safety flagger needed to be present during all work within 25 feet of the tracks. The safety flagger monitors rail traffic and communicates between the train engineers and construction crew to ensure the rails are clear when a train is approaching.

## **DISCUSSION**

A significant amount of the repair work involved installing new bridge decking above the BNSF railroad tracks. At the time bid documents were finalized, BNSF and City staff were unable to estimate time and costs for flagging and inspection because the decking installation was to be performed above the railroad tracks and would not directly impede rail traffic. BNSF informed City staff they would monitor construction activity and decide at the time how much flagging and inspection would be required.

With all work complete, the City now knows the total amount for all BNSF flagging and inspection charges and can include them in the construction contract. This amount totals \$64,795.

## **COUNCIL GOAL ADDRESSED**

This project addresses Goal 2, Improve Shoreline's utility, transportation, and environmental infrastructure.

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