

**PORT OF SEATTLE**  
**MEMORANDUM**

**COMMISSION AGENDA**

**Item No.** 6e

**ACTION ITEM**

**Date of Meeting** June 5, 2012

**DATE:** May 25, 2012

**TO:** Tay Yoshitani, Chief Executive Officer

**FROM:** John Christianson, General Manager, Aviation Maintenance  
Wayne Grotheer, Director, Aviation Project management Group

**SUBJECT:** Port Owned Aircraft Loading Bridge Renewal and Replacement (CIP# C800267)

**Amount of This Request:** \$0                      **Source of Funds:** Airport Development Fund

**Est. State and Local Taxes:** \$158,000      **Est. Construction Jobs Generated:** 8

**Total Project Cost:** \$2,405,000

**ACTION REQUESTED:**

Request Port Commission authorization for the Chief Executive Officer to change the scope of this previously authorized project as follows: (1) remove the replacement of the passenger loading bridge (PLB) at Gate N3 as originally authorized; (2) proceed with design, purchase and installation of one new PLB and associated fixed walkway section at Gate S3; and (3) add the refurbishment of the fixed walkway section at Gate S12 at Seattle-Tacoma International Airport. No new budget is requested in association with these actions.

**SYNOPSIS:**

This request makes changes to the scope of the work, but no changes to the budget for the work. In accordance with Resolution No. 3605, as amended by Resolution No. 3628, this requested action represents a project change and thus requires Commission authorization. In February the Commission authorized design and construction related to four aging PLBs. These PLBs provide the pathway (jetway) for travelers to walk between Airport hold rooms and the aircraft.

Three changes have occurred since design got underway. First, the Gate N3 PLB is within the major remodel program for Alaska Airlines that is still being formulated. The intent of the program is to add three gates to that concourse, which may affect the design and placement of this and other bridges. Therefore, it is wise to defer final design to avoid potentially having to relocate the completed bridge foundation and connection to the building in just a few years. Second, discussions with manufacturers during design determined that the Gate S3 PLB (built in 1973) does not meet current standards and thus is too old for refurbishment. As a result it will be replaced with a new bridge and an attached fixed walkway section (see Attachment A). Third, design determined the need to refurbish the interior of the fixed walkway section of Gate S12

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PLB. This project was included in the 2012 capital budget and plan of finance. No new additional budget is necessary to make these scope changes.

This project is part of the larger Airport effort to replace aging PLBs when prudent at the end of their useful life just before they become operationally challenging to our airline customers and require frequent and costly maintenance. Selective choices are made to either replace bridges or to renovate them as a way to cost effectively maintain the airport wide fleet of PLBs. Green aspects are included into the design and construction of each PLB.

### **FINANCIAL IMPLICATIONS**

While there is no change to the budget, funding or other financial impacts, the change in scope has altered the breakdown of the costs as follows:

#### **Project Cost Breakdown**

	<b>Previous Scope</b>	<b>Current Scope</b>
Construction Costs	\$938,000	\$1,015,000
Port Furnished Equipment	\$405,000	\$651,000
Sales Tax	\$128,000	\$158,000
Outside Professional Services	\$175,000	\$105,000
Aviation PMG and Other Soft Costs	\$708,000	436,000
Environmental/HAZMAT/RMM	\$51,000	\$40,000
Total	\$2,405,000	\$2,405,000

### **OTHER DOCUMENTS ASSOCIATED WITH THIS REQUEST:**

Attachment A – Cross-section view of PLB.

### **PREVIOUS COMMISSION ACTIONS OR BRIEFINGS:**

On February 28, 2012, the Port Commission authorized the expenditure of \$2,405,000 to design purchase and install one passenger loading bridge and associated equipment at Gate N3 and to design and refurbish passenger loading bridges at Gates S3, S4 and S12.