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**TO:** Denise Koch, Director, Engineering & Public Works

**FROM:** Patty Wahto, Airport Manager *PW*

**DATE:** February 24, 2025

**RE:** PWFC - Juneau International Airport Construction Projects

### General

The Airport has several capital improvement projects currently in design development or equipment for acquisition. The Airport anticipates bidding and award over the next several months. This memo is a general overview of the projects and the project funding source. In addition to the annual FAA Airport Improvement Program (AIP) funding, Congress passed the Bipartisan Infrastructure Law (BIL) equating to roughly \$3.4M/annually for 5 years, for additional project funding.

### 1. Project Summary/Funding:

**A. Aircraft Rescue and Firefighting (ARFF) A-3 Apparatus (1.7M).** This would replace a twenty-two year old existing ARFF truck (A-3) with High-Reach Extendable Turret (HRET) that is beyond it's useful life. This would also update the current apparatus with approved F3 firefighting foam (non-PFAS) . To meet FAA certification for this size airport and scheduled commercial airline service, two ARFF trucks are required to be in service at any one time. A spare truck is required in case either of the other two is out of service. This would replace Engine A-3. This project is planned for FAA Airport Improvement Project (AIP) Bipartisan Infrastructure Law (BIL) funding grant.

**B. Aircraft Rescue and Firefighting Wetland Rescue Vehicle (\$300K).** This acquisition would allow for wetland rescues if an aircraft goes down in the wetlands surrounding the Airport. It has been several years since the Airport has had a wetland rescue vehicle. This would be adopted into the Airport's emergency plan. This project is planned for FAA Airport Improvement Project (AIP) funding grant. This was previously submitted in 2024, however Buy American requirements were delayed

**C. Construct Runway Safety Area Grade; Shoulder Grade (\$3.3M).** This project would design the appropriate grade of the safety area and shoulder outside the actual runway surface. This project is the result of the runway rehab in 2015 and will complete the grade/slope in the safety areas per FAA specifications. This design project was awarded/underway in FY24. This project is planned for FAA Airport Improvement Project (AIP) funding grant.

**D. Design RW 26 MALSR Approach Lighting Extension. (\$900K).** This project would design the remaining 1600 feet of east end (Runway 26) approach lighting to complete the 2400 feet of Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights (MALSR). This project began around 2007 to extend approach lighting with lowered minima for instrument approaches. The initial 800 feet was installed as part of the runway safety area expansion; while the remaining approach lights required funding and congressional language change which finally occurred in October 2024. Design grant project is planned for FAA Airport Improvement Project (AIP) Bipartisan Infrastructure Law (BIL) funding grant. Construction is slated for 2025 at a cost estimate of \$6.7M, funding from FAA Airport Improvement Project (AIP) Bipartisan Infrastructure Law (BIL) funding grant.

**E. Repair to the West end Airport - Mendenhall River Embankment – Post-Glacier Dam Flooding (\$300K).** This project was previously introduced in 2024. This project would replace approximately 620 cubic yards of armor rock and underlying fabric that was washed away during the glacial dam flooding. This embankment makes up the west end of the airport dike and south end of the float pond. Funding Source/Costs through State of Alaska Department Homeland Security & Emergency Management (administered through State of Alaska Department of Military & Veteran’s Affairs).

**Other: PFC 10 Collections:** The Airport is in the process of applying for Passenger Facility Charge (PFC) 10 which collects fees through large airline ticketing prices. PFC 10 lists several projects that will require federal match funds, or full funding of eligible projects which are paid through PFC funds. The approximate collection of PFC 10 is \$13M over the course of twelve years, plus or minus. PFC applications are a public process. The Airport proposes collection of PFC 10 on the heels of PFC 9 collections.

#### **Requested Action**

*The Airport requests that the Public Works and Facilities Committee recommend these projects to the Assembly for appropriation of the outlined funds, and in anticipation of grants from FAA and local match funding sources.*