



Engineering and Public Works Department

155 Heritage Way

Juneau, Alaska 99801

Telephone: 586-0800 Facsimile: 586-4565

DATE: April 21, 2025

TO: Alicia Hughes-Skandijs, Chair
Public Works and Facilities Committee

THROUGH: Denise Koch, Engineering and Public Works Director

FROM: Jeanne Rynne, City Architect

SUBJECT: Funds Transfer Request of \$75,000 from P&R Deferred Maintenance CIP (P44-091) to DT/Glacier Mech/Elect Upgrades CIP (F21-041)

Staff recommends transferring \$75,000 from CIP P44-091 P&R Deferred Building Maintenance to the CIP F21-041 DT/Glacier Mech/Elect Upgrades to replace the vehicle exhaust system at the Aircraft Rescue and Fire Fighting (ARFF) apparatus bay at the Glacier Fire Station.

The existing vehicle exhaust system serving the ARFF apparatus bay is not properly capturing and removing the harmful vehicle engine fumes from the building, putting staff at risk. The vehicle exhaust system is not working properly due to guide mechanism and capture equipment failures. The current system relies on a hose connection to the vehicle, which varies with the vehicle. Consequently, toxic exhaust fumes can propagate throughout the apparatus bay where staff work.

The proposed project would replace the existing vehicle exhaust system with a new air filtration system and exhaust fan. The new system would be identical to the systems recently installed and currently operating at the Glacier, Downtown, Douglas, and Auke Bay Fire Station's vehicle apparatus bays. Standardization of the vehicle exhaust systems will facilitate maintenance and stocking of spare parts. This system is universal and does not require a connection to the vehicle to function properly, so is compatible with all vehicles.

The Glacier Fire Station Mechanical & Electrical project (CIP F21-041) was established to replace the generator at the Downtown Fire Station and to replace the boiler and make other needed mechanical and electrical upgrades at the Glacier Fire Station. This work has recently been completed, leaving a fund balance of \$140,000. Construction cost for the new vehicle exhaust system is estimated between \$130,000-\$150,000, yielding a total project cost of \$215,000. The additional \$75,000 needed is proposed to come from the P&R Deferred Maintenance CIP (P44-091).

Transfer From:		
P44-091	P&R Deferred Maintenance	(\$75,000)
Transfer To:		
F21-041	DT/Glacier Mech/Elect Upgrades	\$75,000

Action Requested

Staff recommends the transfer of \$75,000 from CIP P44-091 P&R Deferred Building Maintenance to the CIP F21-041 DT/Glacier Mech/Elect Upgrades be forwarded to the full Assembly for approval.