

ANC RON 12-14 Rehabilitation

Project Description

Rehabilitate the pavement surfaces to include joint seal replacement, concrete spall repairs, and asphalt rehabilitation.

Benefits

This project will extend the useful life of the hardstands.

ANC Taxiway Zulu West Improvements

Project Description

Rehabilitate, extend, and widen Taxiway Z West. Project will remove the Taxiway F interlink, update Taxiway E interlink geometry and connect Taxiway R South to Runway 7R/25L. Includes relocating existing tug road, taxiway lighting, signage, striping, fencing, drainage improvements and adjusting utilities as required. This is the last year of a three-year project with a completion scheduled for fall 2025.

Benefits

This project will improve safety for aircraft and vehicles accessing Runway 7R/25L by removing the Taxiway F crossing. Revising and constructing associated taxiways maintains ANC's compliance with FAA requirements.

ANC North Terminal Northside Aprons and Taxilane Reconstruction

Project Description

Reconstruct and expand the concrete hardstands for Gates N1, N3, N5, and N7. Reconstruct the North Terminal North Taxilane and asphalt apron. Adjust fuel, storm drain, and other utility infrastructure as needed.

Benefits

This project will provide a safe operating area for all aircraft utilizing the north side of the North terminal.

ANC Terminal Water Main Improvements

Project Description

Rehabilitate approximately 6,000 feet of existing water mains by trenchless techniques so there are minimal impacts to aircraft and terminal operations. These water lines serve the North Terminal, Concourse C, Concourse A, and the old Airfield Maintenance Building. The project will also replace all hydrants and water valves that are encountered and install additional valves where needed. This is a three-year project with a completion scheduled for 2027.

Benefits

This project will extend the useful life of the existing water mains and allow continued use of terminals and airfield maintenance buildings.

ANC North Terminal N3 & N5 Passenger Boarding Bridges

Project Description

Install new passenger boarding bridges at gates N3 & N5 in the North Terminal including new foundations along with mechanical and electrical upgrades. Existing passenger boarding bridges will be removed and disposed. The PBB will be removed this spring and new PBB will be installed after completion of North Terminal Northside Aprons and Taxiway project.

Benefits

Replacing the over 40-year-old passenger boarding bridges will increase safety for passengers, ground support personnel and passenger boarding bridge operators. The new passenger boarding bridges will operate with increased dependability, and lower operations and maintenance costs.

ANC South Terminal Passenger Boarding Bridges

Project Description

This is three separate projects to replace PBB on the south terminal. Projects are Gate B4, Gate B5 & B7 and Gate B6. All projects will install new passenger boarding bridges at gates including new foundations, if needed, along with mechanical and electrical upgrades. Existing passenger boarding bridges will be removed and disposed.

Benefits

Replacing the almost 40-year-old passenger boarding bridges will increase safety for passengers, ground support personnel and passenger boarding bridge operators. The new passenger boarding bridges will operate with increased dependability, and lower operations and maintenance costs.

ANC Taxiway R North and Taxilane U Improvements

Project Description

Rehabilitate the pavement of Taxiway R north of Taxilane U and Taxilane U the eastern edge of Papa parking. Project includes milling of the top layer of asphalt and repaving; striping and some storm drain improvements.

Benefits

This project will extend the useful life of Taxiway R and Taxilane U.

ANC Taxilanes E and M Improvements

Project Description

Rehabilitate Taxilane E from Taxiway V to Taxiway L and Taxilane M from Taxilane E to Taxiway R. Project includes rehabilitation of the pavement structural sections, extending the concrete sections for RON 7-11, replace taxilane lighting, markings, signs, rehabilitate existing storm drain system, and adjust utilities, as necessary. This is a two-year project and completion scheduled for 2026

Benefits

This project will extend the useful life of Taxilanes E and M.

“Providing for the safe movement of people and goods and the delivery of state services.”

ANC Runway 7R Concrete Joint Repairs

Project Description

Remove and replace joint sealant and perform concrete repairs.

Benefits

This project will extend the useful life of Runway 7R/25L.

ANC Kulis Ramp Temporary Repairs

Project Description

Project will mill and replace 423,000 square feet of the existing 5" of HMA of the traffic lanes on the Kulis ramp up to existing lease lots, three cargo parking spots, and access taxiway from the ramp to the tug road.

Benefits

This project will allow the continued use of the Kulis ramp by the airport and its tenants.

ANC Postmark Drive Repairs 2024

Project Description

Rehabilitate the Postmark drive pavement from Rockwell Ave to approximately De Haviland Ave. Project includes milling 2" of asphalt and repaving with hot mix asphalt and stripping.

Benefits

This project will extend the useful life of the roadway.

ANC West Perimeter Road

Project Description

Construct a perimeter road along the northwest edge of the security fence. The road will begin just west of the fuel farm and continue west to follow the existing security fence. Project includes structural section, gravel surface, and security fence adjustments.

Benefits

By relocating the existing tug road, the airport will be able to address drainage issues associated with the location of existing tug road. Once drainage issues are addressed and low area are filled in this area of the Airport will be more attractive to developers. Airport operations will be able to easily complete required inspection of the security fence.

ANC Taxilane Victor Gate Reconstruction

Project Description

Reconstruct the Taxilane Victor gate to increase the reliability and security and reduce the maintenance burden of the pilot controlled (radio signal activated) aircraft access gate on Taxilane Victor.

Benefits

By reconstructing this gate, we will ensure the safety of airport users and their aircraft. A functioning gate is required for airport security.

ANC Kilo Tug Road Improvements

Project Description

Rehabilitate approximately 5,000 feet of the Tug Road from Taxiway Alpha to A Concourse and taxilanes near Taxiway Delta. Project includes, milling, paving, drainage improvements and pavement markings. This is a two-year project with a completion scheduled for fall 2026.

Benefits

This project will extend the useful life of the roadway and improve drainage.

ANC Security Fence Improvements 2023

Project Description

Remove and replace approximately 1,000 feet of security fence along the northeast edge of the airfield. Project includes clearing, grubbing, embankment extension and replacing swing gates.

Benefits

This project will ensure the Airport meets the TSA security requirements by maintaining the security fence.

ANC Vertical Infrastructure 2018 Earthquake Repairs

Project Description

Repair damaged building infrastructure (e.g., sprinklers, stairways, and column reinforcement) caused by the 2018 earthquake in the South Terminal, North Terminal, and Airfield Maintenance buildings.

Benefits

Completing these repairs will ensure the safe and efficient use of airport buildings for the travelling public, ANC tenants and ANC Staff.

ANC ALCS Resiliency and Reliability Improvements

Project Description

Design and installation of a comprehensive electrical resiliency and reliability system including a flywheel generator, regulator control, vault regulator banks, and associated control software to deliver reliable and uninterrupted power to the airport's Airfield Lighting System Control (ALSC).

Benefits

This project will allow uninterrupted operation of ANC's airfield lighting system.

ANC NT110 North Terminal Combined Heat and Power

Project Description

Install a natural gas or other efficiently fueled micro-turbine generator with an integrated combustion exhaust heat capture system at NT110 North Terminal, sized for NT110 maximum heating load, capturing the heat produced by electrical generation to the greatest extent possible, and reducing fuel requirements of existing boiler systems.

Benefits

This project will increase ANC's energy efficiency and resiliency.

LHD Aircraft and Lakeshore Drive Rehabilitation

Project Description

Rehabilitate Aircraft and Lakeshore Drives from Voight Circle to the Lake Hood's west property boundary south of Lake Hood strip. Project includes roadway reconditioning, structural section repairs, drainage improvements, and striping.

Benefits

This project will extend the useful life of the roadway.

FAA Air Traffic Control Tower (ATCT) Replacement Parking

Project Description

Construct the Lake Hood Charlie general aviation (GA) parking area that is being displaced by the construction of the new FAA ATCT. Project includes structural section, surface drainage, storm drain, ditch grading, guardrail, fencing, striping, and tie-down installation for approximately 39 small GA aircraft parking positions. Project may include an access road and/or relocation of an existing road and possibly electrical power for each parking position and area lighting. The funding for this project is tied to the ATCT project. Construction activities are not expected until 2026.

Benefits

This project will allow FAA to have an improved ATCT and Lake Hood will keep the number of available wheeled parking spots.



ANC Access Gate and HBO Installation / ANC Old AFM Gate

Project Description

Project includes constructing a new vehicle access gate at AFM West and Old AFM. Work also includes installing head bolt outlets at Taxiway A and Dehavilland snow disposal sites.

Benefits

This project will ensure safety and security at these locations.

ANC South Terminal Employee Parking Area Improvements

Project Description

Adjust drive lanes at the employee entrance to provide enough width for maintenance equipment and rehabilitate the pavement in the parking garage exit area. Project includes pavement removal and replacement, curb removal and replacement, striping, landscaping, and utility relocation.

Benefits

By completing this project, airport tenants, employees and traveling public will have improved surfaces to drive on.

ANC PFAS Remediation

Project Description

Perform PFAS remediation measures at ANC. Remediation includes installing permeable reactive barriers using activated carbon mixture with the Postmark Bog. Project also includes replacing two manholes.

Benefits

By completing this project PFAS will be treated before leaving the airport.

FUTURE PROJECT:

ANC QT132 Quick Turn Facility Renewal

Project Description

Repair QT132 Quick Turn Facility (QTF) or replace damaged and corroded systems and materials. Mitigate future corrosion and deterioration by installing materials less prone to corrosion, and increasing ventilation, dehumidification, and other corrosion deterrents.

Benefits

This project will extend the useful life of quick turn building. This building is used to store airfield deicing chemicals and sand.