



2014 PROPOSED AIRPORT CONSTRUCTION PROJECTS*

*DRAFT CONSTRUCTION SCHEDULE - SUBJECT TO CHANGE



Potential Raspberry Road Berm

Project Description – This project will construct a berm along Raspberry Road across from Tanaina Drive, if and when suitable excess fill material becomes available.

Benefits – This project will provide a visual barrier of the airport for the traveling public on Raspberry Road

Project Timeframe – Work is contingent upon excess fill material becoming available from tenant or Airport Construction projects. It may be that no work occurs on this project in 2014 due to unavailability of material.

Runway 7R/25L Concrete Spall Repairs, Phase I

Project Description – To evaluate different methods to repair the spalled concrete on the corners of many of the concrete panels on Runway 7R/25L . Repair methods to be evaluated include approximately 500 ft. of milled centerline cementitious repair; 500 ft. of chipped cementitious repair; 25 each epoxy spot repairs; and milling about 6 inches of concrete on approximately 8 concrete panels and overlaying the remaining concrete with about 6 inches of asphalt. The performance of the Phase 1 repairs will be monitored through the winter of 2014-15 to see how the repairs perform through freeze-thaw cycles, snow removal activities, and aircraft traffic. The milling and asphalt overlay will be evaluated as a potential alternative to repairing the concrete if the concrete repairs do not perform well.

Benefits –To determine the best repair method and increase the probability of success for the follow-on *Runway 7R/25L Concrete Spall Repairs, Phase 2* project. The repairs are necessary to reduce the potential for FOD damage to aircraft and increase runway useful life.

Project Timeframe – Summer 2014



Taxiway E2, M and L Reconstruction, Phase II

Project Description – Reconstruct Taxiway E2 from Taxiway E1 north to Taxiway E3, and Taxiway M between Taxiway E and Taxiway R. Due to timing of FAA grants Taxiway L was constructed in 2013.

Benefits – Taxiway E2 and M are showing signs of advanced structural failure. There is alligator cracking occurring along the majority of the taxiway's. During the reconstruction taxiway M structural section will be strengthened which will allow for the newer Group V+ aircraft to utilize the taxiway. Low Visibility lighting will be added to Taxiway L.

Project Timeframe – Summer 2014

Kulis Transition Repairs and Upgrades

Project Description

The project primarily consists of utility repairs and alterations necessary to transfer Kulis utilities to the appropriate public entity, and miscellaneous repairs to reduce maintenance cost and improve access. Specific work includes: 1) Install water meters in remaining buildings, remove 3 master meters and vaults, correct deficiencies in water lines as requested by AWWU, abandon 3800lf of water main, and establish a separate water service to Building 52; 2) Install new sewer line to Building 3 and correct deficiencies in the 10" sewer main, and abandon 1700lf of sewer main; 3) provide improved road access to hangars 45 and 46; 4) improve drainage along east perimeter road to minimize impact on surrounding neighborhood and reduce maintenance costs; and 5) improve Kulis entrance road by removing median and parking curbs and paving gravel areas.

Benefits

The water and sewer mains will be brought up to current AWWU standards. Once this is finished AWWU will take ownership of the utilities reducing the Airports maintenance cost. Access will be provided to Hangars 45 and 46 allowing future tenants to utilize these hangars. Improving storm drainage will minimize maintenance costs associated with airport water impacting the surrounding neighborhood. Entryway improvement will help airport leasing attract new tenants into Kulis.

Project Timeframe – Summer/fall 2014.



Runway 7L Reconstruction Phase I, II

Project Description

Reconstruct airfield pavement on Runway 7L. The reconstruction consists of excavating the existing structural section and replacing with a structural section thickness (pavement, base course, & sub base) that is designed for Design Group VI aircraft, as well as disposing of any contaminated soils, repaving, lighting, striping, signage, and storm drainage. Installation of LED edge lighting to reduce operational cost.

Benefits

Runway 7L/25R is showing signs of advanced structural failure. There is alligator cracking occurring along sections of the runway. During the reconstruction the runway structural section will be strengthened which will allow for the newer Group VI aircraft to utilize the runway. LED runway lights will be installed to reduce operational and maintenance costs.

Project Timeframe – Summer 2014, Phase II 2015

ANC Postmark Storm Drain Outfall Repairs

Project Description

This project is located north of the intersection of Northern Light Boulevard and Postmark Drive, between the Coastal Trail and the Cook Inlet beach. In the fall of 2013 a failure of the bluff slope occurred over the airport's primary storm water outfall (D Outfall), severely damaging approximately 50 feet of the outfall pipe. The damaged portion of the pipe has separated and collapsed as a result of the slope failure and has severely restricted flow. The project is to repair the damaged outfall pipe and repair the bluff to minimize the potential of another slope failure.

Benefits

The storm drain outfall will be reconstructed which will allow the majority of the airfield storm water to freely drain without flooding the airfield.

Project Timeframe – Summer 2014.