

ATTACHMENT #2



MEMORANDUM

TO: Patricia Wahto
JNU Airport Manager

DATE: June 9, 2016

FROM: Ken Nichols, P.E., C.M.
JNU Airport Engineer

RE: Engineer's Report

General

Project specific summaries of project status and activity presented below. Additionally, I have attached a table of project status information.

Airport Sustainability Master Plan

The consultant team presented information regarding development alternatives on May 10 to the Technical Advisory Committee and the Airport Board, as well as a stakeholder meeting on May 11 and Assembly Committee of the Whole on May 16. Feedback received during the stakeholder meeting was incorporated into the Assembly Committee of the Whole meeting presentation.

Runway Safety Area (RSA) Expansion Phases I and IIA

Grant and project closeout efforts continue. An easement for the Federal Aviation Administration (FAA) approach lighting equipment has been submitted to the Alaska Department of Natural Resources. I expect the easement will be finalized by the end of the year.

RSA Expansion Phase IIB

Aircraft parking aprons are in design development for both the NE and NW sites. Several bid schedules and additive alternates are under development for each project element. I have spent time coordinating the design teams for this project, the Snow Removal Equipment Facility project, and the master planning effort. I expect more review documents to be delivered this week.

Runway 8/26 Rehabilitation

Installation of the roaming maintenance station is expected to be completed the week of June 12, 2016. As-built drawings were electronically delivered by Stantec on May 31, 2016.

Previously identified deficiencies in the runway safety area grades, as well as grading around FAA equipment (VASI, RVR, etc.), will be the subject of a separate future project. I will work with the ADO in the near future to develop an action plan.

As stated previously, I expect the renumbering the runway to 9/27 will take place in 2020.

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Air Cargo Hard Stand

I expect to receive a 95% check set for review from Stantec by June 10, 2016. The plans will be circulated to Alaska Airlines, as well as internally, and put out to bid after final comments are incorporated.

Runway 26 MALSR

No action was taken on this project in June.

ADEC Storm Water Multi-Sector General Permit

Ongoing monitoring for the discharge from Outfall 3 (behind the shop) continues. Multiple samples were collected in April and May. I will collect another sample in June for ammonia analysis. Staff met with representatives from Alaska Airlines, Delta Air Lines, and Empire Airlines on May 25. Several options were discussed for reduction of both aircraft deicing and pavement deicing runoff. No additional practicable reduction strategies were identified for implementation. Two strategies will be investigated further for practicability. Delta Air Lines committed to investigating low-flow nozzles for their aircraft deicing fluid. The group committed to evaluating a proposal to develop alternative deicing positions that may re-route runoff to the float pond. Alternative positions will be circulated for review in June 2016.

Float Pond Improvements

While I was in Anchorage on June 2, 2016, I spoke to Leslie Gray, FAA Environmental Specialist. As previously stated, I will prepare a checklist for FAA to make a determination that repairs to the float pond are "Categorically Excluded" from further analysis under NEPA.

FAA Alaska Region Workshop

I attended a workshop sponsored by the FAA Airports Division in Anchorage on June 1-2, 2016, covering a number of topics. The workshop was attended by more than 200 participants representing FAA, Alaska Department of Transportation, municipal airport sponsors in Alaska, and consultants. I was invited to speak on two topics: 1) Airport Sustainability Master Plan and 2) Runway 8/26 Rehabilitation. Both discussions were held in standing room only breakout sessions attended by more than 50 people. The projects were well received and prompted follow-on discussions. I also gained new contacts interested in seeing the final product of the master plan. Perhaps the most valuable part of the trip was side discussions with FAA's Matt Freeman, Mike Edelman, Pat Oien, and Leslie Gray.

My presentation slides will be posted on the airport website.

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AIRPORT ENGINEER'S PROJECT STATUS REPORT

Kenneth S. Nichols, PE, CM

Project	Status	Schedule	Contractor	Notes
Air Cargo Hardstand				
Design	In Progress	June 2016	Stantec	Bidding in July 2016
Construction	Future	Fall 2016	tbd	
Runway 8/26 Rehabilitation				
Closeout	In Progress	Summer 2016	Secon	Installation of Roaming Laptop
North RSA Grading				
Survey	Complete	tbd	R&M	Combine with RWY 9/27 Conversion
Runway 9/27 Conversion				
Planning and Coordination	Future	tbd	staff	FAA will set schedule
Construction	Future	tbd	tbd	
Runway Safety Area Phase I				
Closeout	In Progress	Construction Complete	AIC	Final Easement to be Recorded
Runway Safety Area Phase IIA				
Closeout	In Progress	Construction Complete	Secon	Need As-Built Drawings from FAA
Runway Safety Area Phase IIB				
Design	In Progress	Summer 2016	DOWL	NE and NW Development Areas
Construction	Future	2016 & 2017	tbd	
Runway 26 MALSR				
Planning and Permitting	Not started	Summer 2016	staff	
Sustainability Master Plan				
Finalize ALP	In Progress	July 2016	AECOM	
Finalize Report		Fall 2016	AECOM	
Taxiway A & F Rehab, Taxiway C, D, E RIM				
Planning and Coordination	In Progress	RFP Summer 2016	staff	Design consultant tbd
Design	Future	Fall/Winter 2016	tbd	
Construction	Future	2018-2019	tbd	