

ATTACHMENT #1



MEMO

TO: Patricia Wahto
JNU Airport Manager

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

RE: Engineer's Report

DATE: April 7, 2016

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

A series of meetings previously scheduled in April has been postponed to May to discuss project alternatives. The Airport and consultant team will hold a meeting on May 11 (mid-day) to review the airfield geometry (intersections) that are problematic with the FAA. This is part of compliance as well as Runway Incursion Mitigation (RIM). The consultant team will also present information to the Airport Board and Technical Advisory Committee scheduled for May 11 (afternoon and evening), and the Assembly Committee of the Whole on May 16. I met with the consultant project manager on March 28 to discuss the project alternatives to be presented in May.

Runway Safety Area (RSA) Expansion Phase IIA

Grant and project closeout efforts continue. The Airport Manager has signed the land transfer plat to finalize the transfer from the State to the City.

RSA Expansion Phase IIB

The consultant has prepared preliminary layouts for both the NE and NW development areas. Several meetings have been held in conjunction with the Snow Removal Equipment Facility (SREF) design to discuss layouts for the NW Development Area. I met with Federal Aviation Administration (FAA) April 7 on the funding possibilities and the bid strategy for the projects. Several bid schedules and additive alternates will be developed based on funding priorities for each project element.

Runway 8/26 Rehabilitation

Installation of the roaming maintenance station and some cleanup work was initiated last week. I met with Stantec April 7 regarding the as-built drawings. They will be submitted in the next couple of weeks.

In-pavement light fixture damage is still under investigation. I received a report from Lucas Schneller (Stantec) on the results of his site visit. Further investigation and follow-up will be required. I also recommend that Airfield Maintenance purchase a specialty plow blade (with a non-metallic running surface) as recommended by the lighting equipment manufacturer.

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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. Unfortunately, I was unable to discuss this with FAA Airports District Office staff. I will work with them in the near future to develop an action plan.

Air Cargo Hard Stand

A discussion of the hardstand position will be held with the Airport Board Operations Committee on April 11, to finalize the bid package for this project for construction in the 2016 summer season.

Runway 26 Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights (MALSR)

State grant funds will be used to proceed with permitting for the construction in the wetlands. No action was taken on this project in March.

Alaska Department Environmental Conservation Storm Water Multi-Sector General Permit

I performed a facility inspection and collected samples from select locations March 15, 2016, for laboratory analysis. Laboratory results of the sampling were received on March 28, 2016. The results show that there were exceedances of benchmark guidelines at three locations. In addition, the effluent limit for ammonia was exceeded at Outfall 3, which is from the ditch behind the shop that drains into Duck Creek. I have completed the required notifications by telephone and e-mail.

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AIRPORT ENGINEER'S PROJECT STATUS REPORT
Ken Nichols, Airport Engineer

Project	Status	Schedule	Contractor	Notes
Air Cargo Hardstand				
Design	In Progress	March 2016	Stantec	Design is 95% Awaiting Airport Board Operations Committee
Construction	Future	Spring 2016	tbd	
Runway 8/26 Rehabilitation				
Closeout	In Progress	Spring 2016	Secon	Installation of Roaming Laptop Initiated
North RSA Grading				
Survey	Complete	tbd	R&M	Combine with RWY 9/27 Conversion
Runway 9/27 Conversion				
Planning and Coordination	In Progress	2016	staff	FAA will likely delay implementation
Construction	Future	tbd	tbd	
Runway Safety Area Phase I				
Closeout	In Progress	Construction Complete	AIC	
Runway Safety Area Phase IIA				
Closeout	In Progress	Construction Complete	Secon	
Runway Safety Area Phase IIB				
Design	In Progress	Spring 2016	DOWL	NE and NW Development Areas
Construction	Future	2016 & 2017	tbd	
Runway 26 MALSR				
Planning and Permitting	Not started	Begin Spring 2016	staff	
Sustainability Master Plan				
Alternatives Development	In Progress	May 2016	AECOM	Alternatives presentation in March
Taxiway A & F Rehab, Taxiway C, D, E RIM				
Planning and Coordination	In Progress	RFP Spring 2016	staff	Design consultant tbd
Design	Future	Fall/Winter 2016	tbd	
Construction	Future	2018-2019	tbd	