



TO: Patricia Wahto
JNU Airport Manager

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

RE: Engineer's Report

DATE: June 29, 2016

General

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

Airport Sustainability Master Plan

Airport staff is currently preparing financial information so the consultant team can prepare the financial plan for the document. A draft of the economic impact report was received the evening of June 28, 2016, and is being reviewed by staff.

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. Currently, the project will include five bid schedules for the work to enable flexibility in award. I am now receiving three updates per week from the consultant on the project as we converge on the planned bid dates. On June 28, 2016, I performed a walk-through of the Emergency Vehicle Access Road (EVAR) section of the project with the plans. Based on my observations, this part of the project will require an extensive public outreach and education effort both before and during the project due to the number of trees to be cut and the proximity of the work adjacent to the Mendenhall Wetlands Refuge. The plans will contain requirements for public service announcements, trail signage during construction, detours, and closures to allow the work to proceed. I intend to hold a series of meetings prior to the start of the work to inform the public. In addition, I have given the consultant direction to have an inspector available for the work that can be professional in dealing with the public on-site during the contractor's work. This work is covered under the USACE permit for the project, which has been extended through April 30, 2019.

ATTACHMENT #2



Panoramic photo of the eastern EVAR area. Image is distorted. Tree line follows an east/west line.

Runway 8/26 Rehabilitation

Installation of the roaming maintenance station was installed and turned over to staff. However, the functionality of the unit is limited due to dead spots in the Wi-Fi coverage on the airfield. We have not accepted the system as complete.

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.

Air Cargo Hard Stand

I have received a bid set for review from Stantec and comments from Alaska Airlines. This project will go out for bid in July for construction in August and September.

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. I attempted to take another sample in June for ammonia analysis, but there has been no runoff from the area. As a follow on to the airline meeting held in May, alternative deicing positions will be developed and circulated for review.

Float Pond Improvements

I have made little progress toward preparing the NEPA checklist for the FAA. In my research, I found that the current float pond level control structure was installed in 1989 and funded by FAA Airport Improvement Program (AIP) funds.

ATTACHMENT #2

AIRPORT ENGINEER'S PROJECT STATUS REPORT

Kenneth S. Nichols, PE, CM

Project	Status	Schedule	Contractor	Notes
Air Cargo Hardstand				
Design	Complete		Stantec	
Bidding	In-Progress	Open 8/3/16		
Construction	Scheduled	August/September 2016	tbd	
Runway 8/26 Rehabilitation				
Closeout	In Progress	Summer 2016	Secon	Warrantee Period
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 2016
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	Complete by 07/11/16	DOWL	NE and NW Development Areas
Bidding	Scheduled	Open 8/17/16		
Construction	Future	2016 & 2017	tbd	
Runway 26 MALSR				
Planning and Permitting	Not started	Summer 2016	staff	
Sustainability Master Plan				
Finalize ALP	In Progress		AECOM	
Economic Impact Report			AECOM/Sheinberg	Draft Received
Finalize Report		Fall 2016	AECOM	
Taxiway A & F Rehab, Taxiway C, D, E RIM				
Formulation, Planning, Permitting	In Progress	To Advertise July 2016	staff	Planning consultant tbd
Design	Future	Fall/Winter 2017	tbd	Design consultant tbd
Construction	Future	2018-2019	tbd	