



MEMO

TO: Patricia deLaBruere
JNU Airport Manager

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

RE: Engineer's Report

DATE: December 3, 2015

General

I have been working remotely part-time and working in Juneau during board meeting week. I will continue to do so over the winter months in order to be with my family during the holidays and for scheduled medical procedures. I am available by telephone and e-mail through call forwarding and e-mail service on my smart phone. Please let me know if there is any feedback regarding my remote working arrangement so that I can adjust my scheduled number of hours worked and/or spend more time in Juneau.

Since I have been working part-time, there is less activity to report. I am open to changing the format of my reports to address any special needs you or any of the Board members may have for dissemination of information. To that end, I have attached a sample project report from Gary Gillette, CBJ Port Engineer, as well as a sample report from SeaTac Airport.

My report for this month is formatted the same as previous reports with project specific summaries of project status and activity presented below.

Airport Sustainability Master Plan

Three documents were submitted to FAA for review: Chapter 3 Forecasts, Sustainability Baseline Summary, and Solid Waste and Recycling Plan. The forecasts must be approved by Federal Aviation Administration (FAA) before finalizing any future facility needs plans.

RSA Expansion Phase IIA

Grant and project closeout efforts continue. Airport and grants staff have been working on several grant closeout packages. I have begun to prepare another summary to send to FAA for the Runway (RWY) 08 Threshold. I am gathering sample plans from other airports to compare to the FAA plans provided for the RWY 08 threshold. Plans received from ANC provide clear instruction to the contractor. I expect to receive plans from FAI soon.

Runway Safety Area Expansion Phase IIB

DOWL finished field work for the topographic survey in November. I expect to receive concept layouts and a survey base map to review prior to December 11, 2015.

ATTACHMENT #2

Runway 8/26 Rehabilitation

Final work for the contractor will be installation of a roaming maintenance station for the airfield lighting system. Key contractor personnel have returned from out of the country, so I expect the system will be installed in December or January. The consultant team is still working on developing the as-built drawings.

R&M delivered the requested report and provided redline markups of the drawings indicating the locations of deficiencies in the runway safety area grades. I have reviewed the report and will work with Airport management and FAA Airports District Office staff to develop an action plan.

I began the coordination with FAA Alaska Region for the Runway 9/27 Conversion. Kyle Christensen indicated that the “2017 production schedule is pretty full.” I am proceeding with additional coordination efforts.

Air Cargo Hard Stand

I expect to finalize the bid package for this project in February for construction in the 2016 summer season.

Runway 26 MALSR

In the past month, Airport management has approved the use of State grant funds to proceed with permitting for the construction in the wetlands.

East End Tree Removal

An additional 15 cottonwood trees and a few spruce trees were fell on the east end of the heart shaped island in the wetlands east of the runway to provide a factor of safety for aircraft operations using the proposed Required Navigation Performance (RNP) approach under development by Delta Air Lines. Clear Cut tree service completed the work.

Alaska Department of Environmental Conservation (ADEC) Storm Water Multi-Sector General Permit

I performed a facility inspection, and collected samples from select locations for laboratory analysis to meet our “Benchmark Sampling” requirements. The laboratory results of the sampling show that all parameters are within benchmark limits for all sampling sites. I will repeat the sampling in December. In addition, the airport will hold its annual meeting of the Storm Water Pollution Prevention Team on December 10, 2015. This team currently consists of Airport staff. However, tenants have been invited to participate in the meeting and will be allowed to join the group.

ATTACHMENT #2 PORT ENGINEER'S PROJECT STATUS REPORT

Gary Gillette, Port Engineer

Project	Status	Schedule	Contractor	Notes
Boat Yard at ABLF				
Boat Yard Design and Construction	In Progress		MRV	Negotiate fees
Auke Bay Loading Facility - Phase II				
Reporting	On-Going	Quarterly	Staff	Next report due Jan 31 - (Oct, Nov, Dec)
Old Douglas Harbor Reconstruction				
Phase II - ACOE Dredging Period	In Progress	10/12/15 - 3/1/16	Western Marine	Army Corps project
Phase III - Final Bid Documents			PND	
Phase III - 95%	In Progress		PND	95% Review
Phase III - Bid Period		11/18/15 - 12/15/15		
Phase III - Contract Award - Board Approval		TBD		
Phase III - Contract Award - Assembly Approval		TBD		
Phase III - Float Installation		4/12/16 - 8/12/16		
Statter Harbor Launch Ramp				
Construction	In Progress	July 31, 2016	Miller	
Port of Juneau Cruise Berths				
1% for Art	In Progress		Garten	Awaiting final design
Prefabrication and Procurement	In Progress		Manson	
Submittal Review and Fabrication Inspection	In Progress		PND	
Phase I On-Site Construction	In Progress	Sept 16, 2015	Manson	Begin on South Berth
Vibration Monitoring Services	In Progress		AS&E	
Phase II On-Site Construction	Hold	Sept 2016		
DNR Tidelands Survey	Hold			Awaiting survey instructions from DNR
Cathodic Protection Replacement				
Final Engineering and Design	In Progress		Tinnea	Bid with Engineering
Aurora Harbor Re-Build - Phase I				
Construction	Complete		NCS	
Project Close-Out	In Progress		NCS	Negotiating final change order
Annodes on Piling	Hold			Awaiting funding
Dredging on A Float	Hold			Awaiting funding
Bridge Area - SeaWalk Planning	In Progress			Coordination with Engineering
Alaska Marine Services Center	Hold			Address in Master Plan
Statter Master Plan Update	In Progress		PND	Awaiting Planning Schedule
Weather Monitoring System	In Progress		MXAK	Awaiting phase 2 scope of work

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Periodic Maintenance Plan	In Progress		Staff	Working with MIS for program entry
Archipelago Property Improvements	Planning		Staff	Awaiting Board Direction
Archipelago Property Procurement	Planning		Staff	
Statter Ramp Deck Improvement	In Progress		Staff	Awaiting price quote
Statter and Aurora Safety Ladders	in Progress		Staff	
Wayside Float Dredging	Design		Staff	Awaiting funding
Amalga Harbor Fish Cleaning Station	In Progress		Staff	Awaiting direction from ADF&G
Aurora/Harris Harbor Master Plan	Hold			Advertise after first of year
Fritz Cove Beach Access	Hold		Staff	Awaiting Board Direction
Port Security Camera Project	In Progress		Anchor	Awaiting equipment arrival
Taku Harbor Conditions Assessment	In Progress		PND	Awaiting Report
Cruise Berth Shore Tie Power Study	In Progress		PND	Awaiting Report
Statter Tidelands Survey	Hold		DOWL	Negotiating Fee Proposal



Capital Improvement Project

FOURTH QUARTER REPORT, 2014

Airfield Pavement Replacement

Project: C102573 This is a multi-year program to replace distressed pavement and joint seal on the airfield.
Budget: \$25,343,359
Phase: Design
Start: 5/2/2010
Schedule Completion: 12/31/2016

Project Status:

Schedule: Within or ahead
 Budget: On or under
 Status Reset: 4/1/2014
 (Commission Construction Auth.)

Significant Developments

Beneficial Occupancy was granted on October 22, 2014 for the 2014 contract. Authorization for design on 2015 Apron Panel Replacement was received November 11, 2014.

Schedule

Q3 2014 report showed "Delayed" due to the 2014 project which is in close out. Current status identifies the 2015 effort scheduled to go out for bid May 2015 with construction beginning in August 2015.

Budget

The project forecast is within the approved budget.

Change Order

	Current Quarter	Project Total
Number of COs	3	13
Amount of COs	\$52,065	\$100,024

Justification for COs: 1) Additional distressed panel was found south of the South Satellite. Operations felt that it was necessary to replace it. It was replaced in the 4th quarter of 2014. 2). Reconciliation of a Force Account bid item that resulted in a credit back to the project. 3). Channel Drain Bearing Surface.

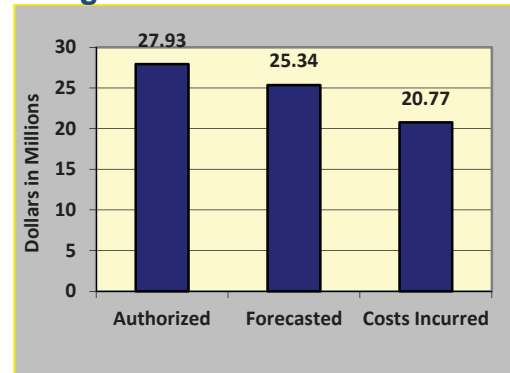
Risks

None at this time.

Budget Transfers

None at this time.

Budget/Costs Incurred



Construction Costs

