



TO: Patricia deLaBruere,
JNU Airport Manager

DATE: August 8, 2013

FROM: Ken Nichols,
JNU Airport Engineer

FILE:

RE: Engineer's Report

General

In the past month three major capital construction projects and one planning project are on-going. Project specific summaries are presented below for each project. Grant applications were submitted to FAA for FFY 2013 funding for the Runway 8/26 Rehabilitation project and the Master Plan Update.

RSA Expansion Phase IIA

Significant accomplishments in the last month include:

- Striping of new Taxiway B
- Installation of pilings and bridge structures for the STA 10+00 light bar in Mendenhall River
- Installation of the new Airfield Lighting Control System
- Painting on the North Sea Plane Base Road
- Installation of grounding cables across the Float Pond Access Road

Anticipated work in August includes:

- Re-construction of the 8 MALSR Threshold Bar
- Continue installation of Runway Guard Lights at TWY C, and F

Alaska Airlines has requested that several trees be cleared in the approach to Runway 26 that will allow them to provide a special RNP Approach with minimum visibility of ½ mile instead of ¾ mile. We have opened the discussion with DNR and ADF&G who both acknowledge that we can remove the trees under our aviation easement on the property. Additional survey work will be initiated to identify which trees penetrate the obstacle clearance surface.

We are holding weekly construction meetings at 9:30 Tuesday mornings in the Juneau Room. Pictures are included on the next pages.

Runway 8/26 Rehabilitation

Proposals were due from consultants for design of the project on July 19, 2013. Six proposals were received and evaluated by a committee of five staff members. USKH Inc. was selected to be the design firm with PND as a subconsultant. Zane Shanklin, P.E. is the project manager. Zane was the engineer for the last runway rehab project here in Juneau that was completed in 1997 and has a long resume of similar projects in Alaska.

With the approval of FAA, we have signed a contract with USKH on a time and materials basis to perform

initial formulation tasks such as survey, geotechnical investigation, document review, and conceptual drawings. A full contract will be prepared in the next month which includes all design tasks.



New Regulator Vault and Emergency Generator



New Regulator Equipment and Lighting Controls



RWY 26 Shortened MALS Lighting



Aerial view of trees in the Runway 26 approach to be removed.

Yandukin/Shell Simmons Pavement Rehabilitation

Significant accomplishments in the last month include:

- Installation of new guard rail sections on Yandukin
- Painting and installation of signage on the project

Final punchlist work includes:

- Completion of the Pedestrian Ramps at the employee parking lot
- Addition of truncated dome warning device at the ramp at the crosswalk from the north wing of the terminal to the short-term parking lot.