

ATTACHMENT #8



MEMORANDUM

TO: Patty Wahto
Airport Manager

DATE: May 9, 2019

FROM: Mike Greene
JNU Airport Project Manager

RE: Engineering Projects Monthly Report

Project specific summaries of project status and activity are presented below.

Runway Safety Area (RSA) Expansion Phase IIC: The project Contractor (SECON) continues work operations in both the Northeast Development Area (NEDA) and in the Northwest Development Area (NWDA). In the Northeast Development Area, SECON continues to utilize their temporary batch plant to produce the hot mix asphalt needed for the project, and the paving crews continue to work on the placement of the 10-inches of asphalt paving within the large aircraft tie-down area. The new asphalt paving is being extended up against the east edge of Taxiway E1 to allow aircraft to taxi directly from E1 into the new tie-down area. The paving work has been slowed by rain and cool temperatures, but should be completed next week weather permitting.

SECON started work last week on the installation of the trench drain that will be located along the south side of the Block M hangars. Crews have removed the asphalt paving and will soon be starting work on the installation of the trench drain assembly that will improve drainage in this area.

SECON continues to work in the Northwest Development Area (NWDA). The Gate E replacement work has been completed and SECON has completed work on the removal of the last of the asphalt paving within the work limits. Crews have removed the old aircraft tie-downs on the south side of the Block I hangars, and are nearly done with the installation of the new tie-downs.

SECON continues to work on the installation of the trench drain assemblies within the Northwest Development Area. The trench drains have been formed and poured in Taxilanes 2 and 3 areas as outlined in bid specifications, and crews will soon be starting work on the installation of the trench drain assembly that will be located on the south side of the Block I hangars and on the aircraft wash-down area. SECON continues to place and grade D-1 base course in the taxilanes in advance of the asphalt paving work. SECON is still planning on paving all areas within the Northwest Development Area during the first week of June.

SECON has filed a notice of intent to claim on behalf of their subcontractor Glacier State Contractors which is asking for damages relating to a scope of work reduction in the Northeast

ATTACHMENT #8

Development Area. Airport Contract Administrator Mike Greene and DOWL are working with SECON on a resolution to this potential claim.

While working in the Northwest Development Area, SECON damaged two exterior lighting circuits. SECON does not deny that the circuits were damaged as a result of their work, but denies responsibility to effect repairs. Airport Contract Administrator Mike Greene and DOWL are working with SECON on a resolution to this issue.

JNU has contracted directly with Alaska Electric Light & Power (AEL&P) to install the future conduit crossings for power, communications and site lighting at NW Taxilanes 1, 2 and 3 areas as outlined in bid specifications. This work is now complete.

JNU has contracted directly with Alaska Communications (ACS) to relocate existing communications pedestals within the Northwest Development Area. This work is now complete.

JNU continues to issue notification to hangar tenants and to aircraft owners advising them of upcoming work and work completion schedules.

The project remains on track for all work to be Substantially Complete on or before July 30, 2019.

As the engineers of record, DOWL continues to provide construction administration and inspection services for this work.

Float Pond Improvements: The Contractor, Southeast Earthmovers, has installed the 36-inch valve and valve actuator within the valve vault. Testing of the valve assembly is on hold pending the arrival of the remote actuator control.

Work which remains includes the placement and final grading of the D-1 base course, asphalt paving, electrical start-up and testing and the placement of topsoil and seed on a portion of the east bank of the Emergency Vehicle Access Road (EVAR).

The Substantial Completion inspection occurred on March 29, 2019, and the project was determined to be Substantially Complete on April 1, 2019. A project punch list has been issued to Southeast Earthmovers. JNU continues to monitor the valve vault through high tide cycles to check for water infiltration.

It is worth noting that there is a condensation problem inside the vault, and this will continue to be an issue until permanent power can be extended out to the west end of the float pond.

As the engineers of record, PND Engineers continues to provide construction administration and inspection services for this work.

Taxiway A Rehabilitation, Taxiway D-1 Relocation and Taxiway E Realignment: PDC Engineers has released the 95% set of design documents for internal review by the design team and for peer review. JNU continues to conduct a simultaneous over-the-shoulder review of these documents in an attempt to speed up the overall review process. PDC's current document delivery schedule has the design documents reaching the 100% complete stage at the end of June with delivery to JNU on July 1.

ATTACHMENT #8

The 95% Construction Safety and Phasing Plan (CSPP) has been reviewed and approved by the FAA and a copy of this document was issued to all stakeholders last week.

The 95% stakeholder meeting is currently scheduled to take place on the 2nd week of June, 2019.

PDC Engineers continues to coordinate directly with JNU and with the FAA on the development of the technical specifications. JNU is currently working on the development of the Division 0 and Division 1 front end specifications.

JNU is currently working with City & Borough of Juneau (CBJ) Engineering on the development of the Request for Proposals (RFP) language that will be used to obtain proposals from qualified consultants to provide limited Contract Administration and Inspection (CA&I) services during the construction phase of the project.

The goal remains to release this project for competitive bid in July 2019.

Air Traffic Organization (ATO) will be looking at conducting a Safety Risk Management (SRM) review prior to the start of major construction next Spring.

Ward Air Hangar Expansion: JNU has had no recent involvement in the development/review of the conceptual design for the new hangar that will be located on Lots 15, 16, 17 and 18 of Block K.

Fed-Ex Expansion: R&L Leasing, Inc. has started construction on the building addition.

Lavatory Waste Dump Site: There has been no advancement on the development of a schematic design of the upgraded lavatory waste dump site.

Parking Lot Repairs: JNU Airfield Maintenance has placed cold-patch in a number of the potholes that had formed in the public parking lots. This represents a short-term fix. Many areas within these asphalt paving installations are exhibiting "alligatoring" which is indicative of subbase settlement and a precursor to the failure of the asphalt paving. In addition to asphalt paving repairs, the short-term, long-term and staff areas of the large parking lot are in need of general repairs. These repairs include the removal and replacement of large portions of the concrete curbs and gutters, upgrades to the storm water collection and drainage system, upgrades to the exterior lighting and the installation of new signage and striping. JNU has general parking lot repairs on its Capital Improvement Plan but does not currently have any money to address any of these repairs.