



**PDC INC. ENGINEERS**

Transforming Challenges into Solutions



## Fairbanks International Airport Near-Term Improvements Environmental Assessment

This EA documents potential impacts associated with three major construction projects, totalling over \$120M, to be built over three to five years:

- Extensive renovation and expansion of the terminal building
- Replacement of the heavy cargo apron
- Relocation of three buildings housing navigational aids

The Environmental Assessment (EA) was developed to meet NEPA requirements and obtain FAA approval for all three projects. The process was originally planned to take 12 months, but to help the client secure an additional \$10 million in discretionary funds for 2005, PDC was asked to accelerate the schedule. We brought the project from kick-off to signed Finding of No Significant Impact (FONSI) in less than 9 months.

PDC prepared a clear and concise EA, working with three different purpose and need statements, evolution of alternatives, and environmental consequence analyses – all coordinated with three different engineering/architectural consultants as well as two separate subconsultants for specialty assessments.

Air quality, hazardous materials, wetlands delineation and permitting, noise, and historic resources impacts required special emphasis. PDC completed a wetland delineation; documentation supporting SHPO concurrence that the 50+-year-old terminal building did not qualify as a historic property; and floodplain research and determinations to support the Fairbanks North Star Borough permit application. The hazardous materials investigation and air quality assessment were completed by others under PDC's oversight and their findings integrated into the EA. A mitigation plan to resolve wetland and wildlife concerns presented by U.S. Army Corps of Engineers and U.S. Fish & Wildlife Service was developed and submitted with the USACE 404 wetland permit application.

Public involvement tools included a newsletter, project comment form, agency scoping letter, public and agency meetings, and a project website where comments could be transmitted by e-mail.

### Client:

Alaska DOT&PF Northern Region

### Location:

Fairbanks, Alaska

### Project Completion:

2005 (construction estimated 2009)

### PDC Involvement:

- Environmental Analysis
- Wetlands Delineation
- Permit Preparation
- Public Involvement

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