



Master Plan and Environmental Assessment

Aniak, Alaska



DOWL prepared an Airport Master Plan, surveyed the airport, prepared an Erosion/Flooding Analysis, and completed an Airport Layout Plan and Environmental Assessment of the 20-year capital improvement program. The Master Plan included an inventory of airport facilities and air service demand, forecasts of future airport activity levels and facility requirements, development of short-term and long-term development alternatives, and a 20-year phased capital improvement program.

Because the community and airport are threatened by erosion and flooding, DOWL documented historical erosion and flooding activity and identified a range of measures that could remove this threat. Because of the threat of flooding, DOWL recommended construction of a helipad and equipment building located above the 100-year flood level, which would serve as the sanctuary of "last resort" in the event of a catastrophic flood.

The most significant planning issue was the location of much of the community within airport safety zones. DOWL presented alternatives that involved shifting the runway away from the community or purchasing and relocation of over 35 structures within the safety zones.

The Master Plan recommendations were well-received by the community and DOT&PF, and the project moved ahead on schedule into the environmental phase.

"This project was enjoyable because it mixed airport planning, community development, and erosion and flooding control."

Thomas M. Middendorf
Project Manager
