

**Fairbanks International Airport: Drainage Improvements
Phase 2 Design and Construction**

**FY2001 Request: \$600,000
Reference No: 32510**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Fairbanks Areawide

Contact: Kurt Parkan

House District: Fairbanks Areawide (HD 29-34)

Contact Phone: (907)465-3900

Estimated Project Dates: 07/01/2000 - 06/30/2004

Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

This project will make structural changes to the drainage system of the apron and road area north of the terminal to improve the flow and environmental water quality of the snow melt and stormwater discharge.

| Funding: | <u>FY2001</u> | <u>FY2002</u> | <u>FY2003</u> | <u>FY2004</u> | <u>FY2005</u> | <u>FY2006</u> | <u>Total</u> |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Fed Rcpts | \$562,500 | | | | | | \$562,500 |
| Int Airprt | \$37,500 | | | | | | \$37,500 |
| Total: | \$600,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$600,000 |

| | | | |
|--|---|--|-----------------------------------|
| <input checked="" type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input checked="" type="checkbox"/> Phased Project | <input type="checkbox"/> On-Going |
| 7% = Minimum State Match % Required | <input type="checkbox"/> Amendment | <input type="checkbox"/> Mental Health Bill | |

Operating & Maintenance Costs:

| | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 0 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 0 | 0 |

Additional Information / Prior Funding History:

Project Description/Justification:

This project will make structural changes to the drainage system of the apron and road area north of the terminal to improve the flow and environmental water quality of the snow melt and stormwater discharge. The work is as proposed in the recently completed Fairbanks International Airport Stormwater Drainage Master Plan. A portion of the work will reprofile the ditch line along Old Airport Road to provide adequate ditch and culvert grades. This will eliminate standing water in the area. The project will also provide realignment of the storm drain system that services the northern portion of the west ramp. This work will isolate portions of the snowmelt and stormwater runoff from the area and direct the flows to oil/water separators for treatment prior to discharging to the pond north of the terminal. Providing this treatment for the discharge from the north snow storage area and the apron area frequented by piston engine aircraft will assist the airport in meeting the water quality standards mandated for discharge to surface waters.

PROJECT JUSTIFICATION: This project is critical to the airport's ability to meet National Pollutant Discharge Elimination System (NPDES) permitting requirements and to facilitate proper drainage from areas that have been extensively developed during the airport's existence.