



CAPITAL IMPROVEMENTS PROGRAM SUMMARY

(1) Department Transportation

(2) Division Merrill Airport

(3) PROJECT TITLE(S)	TOTAL PROJECT COST (4)	TO BE FUNDED (IN THOUSANDS) (5)						(6)	(7)	(8)	(9)	(10)	(11)
		G/O BONDS	REVENUE BONDS	FEDERAL	STATE	OTHER *		19_77	19_78	19_79	19_80	19_81	19_82
Tower Parking Pavement	14.0	1.0		13.0				14.0					
Widen South Ramp	45.0	1.0		42.0	2.0			45.0					
Overlay Runway 6/24	186.0	6.0		174.0	6.0				186.0				
Diagonal Exits with Lights	275.0	9.0		257.0	9.0				275.0				
Overlay North Taxiway	137.0	4.0		129.0	4.0				137.0				
Pave Transient Parking Lot 48	350.0	11.0		328.0	11.0					350.0			
Additional Lease Lots Gravel Improvements	393.0	3.0		369.0	12.0	9.0				393.0			
Additional Lease Lots Gravel Improvements	780.0			731.0	24.0	25.0					780.0		
Landscaping	500.0			469.0	15.0	16.0						500.0	
<b>TOTAL (12)</b>	<b>3,914.0</b>	<b>74.0</b>		<b>3,668.0</b>	<b>122.0</b>	<b>50.0</b>		<b>750.0</b>	<b>543.0</b>	<b>598.0</b>	<b>743.0</b>	<b>780.0</b>	<b>00.0</b>
<b>* OTHER SOURCE OF FUNDS (13)</b>				<b>FUNDING (14)</b>									
				General Obligation Bonds				24.0	17.0	19.0	14.0		
				Revenue Bonds									
				Federal				703.0	508.0	560.0	697.0	731.0	469.0
				State				23.0	18.0	19.0	23.0	24.0	15.0
				Other							9.0	25.0	16.0
				<b>TOTAL</b>				<b>750.0</b>	<b>543.0</b>	<b>598.0</b>	<b>743.0</b>	<b>780.0</b>	<b>500.0</b>

**CAPITAL PROJECT ESTIMATE**

(1) Department and Division: Transportation, Merrill Airport

(2) Project Title: Airport Improvements

Estimated Cost	Estimated Total Cost (3)	Approp. Prior Years (4)	New Appropriation 19 <u>77</u> (5)	Estimated Requirements in Thousands				
				19 <u>78</u> (6)	19 <u>79</u> (7)	19 <u>80</u> (8)	19 <u>81</u> (9)	19 <u>82</u> (10)
(11) Equipment (Moveable) (12) Land (13) Buildings (14) Other Improvements (15) Overhead <b>TOTAL</b>	3,913.8		750.1	542.5	597.7	743.5	780.0	500.0
(16) Source of Funds								
Bonds - _____	73.6		23.0	17.0	18.7	14.5		
Grants - _____	3,791.5		727.1	525.5	579.0	720.0	756.0	484.0
Operational _____	48.7					9.0	24.0	16.0
<b>TOTAL</b>	3,913.8		750.1	542.5	597.7	743.5	780.0	500.0

(17) Gross Floor Area \_\_\_\_\_ Sq. Ft.

(20) Architectural and Engineering Fees: 469,656

(18) Building Cost Per Sq. Ft. \$ \_\_\_\_\_

(21) Percent of Building Cost 12 %

(19) Project Status \_\_\_\_\_

(22) Estimated Start Date 1977

(23) Estimated Completion Date \_\_\_\_\_

(24) Project Description and Justification (Continue on Additional Sheets. Same Size)

- 77-1 East Taxiway Widening - Widening of taxiway is necessary to provide safe two-way operation. Passing aircraft are now required to use the gravel shoulders which presents a hazardous condition.
- 77-2 East Taxiway Lights - Taxiway lights are required to provide safe night operations.
- 77-3 East Taxiway Striping - Restriping will be necessary to mark the location of the center line of the widened taxiway.
- 77-4 Runway 6/24 Storm Drain - During rain storms and break-up, water is ponding on the runway and taxiways. The storm drain is required to intercept the surface drainage to eliminate the ponding.
- 77-5 Widening of Runway 6/24 Exits - Widening of the exits from Runway 6/24 is necessary to facilitate better traffic flow.

(Continued on attached sheets)

## TRANSPORTATION - MERRILL AIRPORT

## RUNWAY &amp; TAXIWAY IMPROVEMENTS

- 77-6 Runway 6/24 Diagonal Exit Paving - Aircraft at peak hours land every 30 seconds. Diagonal taxiways will allow landing aircraft to exit from runway 6/24 at a more rapid rate, making the airport operation safer.
- 77-7 Runway 6/24 Diagonal Exit Lighting - Taxiway lights are needed to facilitate locating and safe usage of taxiway.
- 77-8 South Taxiway Reconstruction - Taxiway pavement is deteriorating because of poor subsoil conditions. Excavation, backfill, and resurfacing will be necessary to correct the probl.
- 77-9 Reconstruction East Taxiway - Taxiway pavement is deteriorating because of poor subsoil conditions. Excavation, backfill, and resurfacing will be necessary to correct the probl.
- 78-1 Taxiway to South Lease Lots - Paving accessways south of Merrill Field Drive will improve service to lease holders in this area. Dust problems will also be reduced.
- 78-2 Extend North Taxiway to East - The north taxiway parallel to 6/24 will be extended to serve lease propertie to the east and north. This will prevent soft conditions during wet periods and reduce dust problems.
- 78-3 Tower Parking Pavement - Pavement of tower parking lot will eliminate drainage problems and provide better service for visitors and employees at the tower.
- 78-4 Widen South Ramp - Widen south access way to east end of runway 6/24. More area is needed for aircraft runups.
- 79-1 Overlay Runway 6/24 - The pavement overlay of runway 6/24 will renew the deteriorating surface, eliminate minor surface irregularities, and improve drainage.
- 79-2 Diagonal Exits with Lights - Diagonal taxiway exits on runways 6/24 and 33 will increase our operational safety by allowing landing aircraft to exit more rapidly. Aircraft at peak hours land every 30 seconds, frequently for hours at a time.
- 79-3 Overlay North Taxiway - The pavement overlay of the north taxiway will renew the deteriorating surface, eliminate minor surface irregularities, and improve drainage.
- 80-1 Pave Transient Parking Lot 48 - Additional transient parking will be necessary to accomodate those visiting Anchorage. Our transient lot at the present is frequently full. Aircraft are then directed to park in an unimproved area behind the maintenance building.
- 80-2 Additional Lease Lots Gravel Improvements - Additional property to the south and east is available for leas however, improvements will be required to provide access and utilities before they can be used.
- 81-1 Additional Lease Lots Gravel Improvements - Additional property to the south and east is available for leas however, improvements will be required to provide access and utilities before they can be used.
- 82-1 Landscaping Airport Grounds - Seed airport islands and surrounding clear zone area. Improve appearance along 5th avenue by landscaping with trees and shrubs.

EFFECTS ON MAINTENANCE, OPERATION, & PERSONNEL COSTS

(1) Department and Division: Transportation - Merrill Airport (2) Project Title: Airport Improvements

Estimated Cost	Estimated Total Cost (3)	Approp. Prior Years (4)	New - Appropriation 19____ (5)	Estimated Requirements in Thousands				
				19____ (6)	19____ (7)	19____ (8)	19____ (9)	19____ (10)
(11) Man Months								
(12) Personal Services								
(13) Maintenance								
(14) Operations								
<b>TOTAL</b>								
(15) Source of Funds								
Program Revenues								
Tax Revenues								
_____								
_____								
<b>TOTAL</b>								
(16) Program(s) Affected								
<b>TOTAL</b>								

(17) Explanation and Assumptions:

These projects will not have any effect on the airport's maintenance, operation and personnel cost. The program was designed to improve already existing facilities.

(18) Comments