

Introduced: 2/5/75
Referred: State Affairs

1 IN THE HOUSE

BY DAVIS

2 HOUSE CONCURRENT RESOLUTION NO. 15

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 NINTH LEGISLATURE - FIRST SESSION

5 Relating to the lengthening of the runway
6 at Unalakleet, Alaska.

7 BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

8 WHEREAS the City of Unalakleet recently suffered the ravages of a
9 devastating flood; and

10 WHEREAS, although no lives were lost, they very well could have been
11 as there exists no real means of evacuation of the city; and

12 WHEREAS, if the east-west runway at Unalakleet were lengthened and
13 maintained on a year-round basis, there would be possible evacuation of the
14 citizens of Unalakleet in times of emergency; and

15 WHEREAS it is vital to the safety of the people of Unalakleet that a
16 means of evacuation exists, as the area is totally unprotected from the
17 ravages of nature;

18 BE IT RESOLVED by the Alaska State Legislature that the Governor is
19 respectfully requested to direct the Department of Public Works to immedi-
20 ately upgrade and lengthen the east-west runway at Unalakleet so as to make
21 possible the evacuation by air of the populace of Unalakleet in an emergency;
22 and be it

23 FURTHER RESOLVED that this runway be maintained on a year-round basis.
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The Legislature of the State of Alaska
FISCAL NOTE

First Session - Ninth Legislature

I. PROJECT

Bill No. House Concurrent Resolution No. 15
Title: Lengthening of Runway at Unalakleet
Requested by: Legislative Finance Date: March 24, 1975
Return Date Requested: March 28, 1975
Agency: Dept. of Public Works Program: Division of Aviation

II. FISCAL DETAIL

Budget Request Unit(s) Affected: Maintenance and Operation

A. EXPENDITURES: (Thousands of Dollars)

OBJECT	FY 75	FY 76	FY 77	FY 78	FY 79	
100 PERSONAL SERVICES	0	0	51.9	54.5	57.2	60.1
200 TRAVEL	0	0	0	0	0	0
300 CONTRACTUAL	0	0	3.6	3.8	4.0	4.2
400 COMMODITIES	0	0	2.7	2.8	3.0	3.1
500 EQUIPMENT	0	0	40.0	0	0	0
600 LAND & STRUCTURES	0	0	0	0	0	0
700 GRANTS, CENTS, ETC.	0	0	0	0	0	0
TOTAL	0	0	98.2	61.1	64.2	67.4

B. FUNDING: (Thousands of dollars)

GENERAL FUND	0	0	98.2	61.1	64.2	67.4
FEDERAL FUNDS	0	0	0	0	0	0
OTHER	0	0	0	0	0	0

C. POSITIONS:

PERMANENT/TEMPORARY	0 / 0	0 / 0	2 / 0	0 / 0	0 / 0	0 / 0
MAN MONTHS (P./T.)	0 / 0	0 / 0	24 / 0	0 / 0	0 / 0	0 / 0

III. ANALYSIS (See Fiscal Note Preparation Instructions, Section III)

Airport operating area to be maintained will be increased by 40%. Since crosswind runway is now gravel and will be paved and lighted, overall maintenance work load would increase by 45% which includes runways, aprons and airport roads. Would require one additional equipment operator and an additional mechanic. An additional front end snow plow would also be required on a one time expenditure item in FY 77.

IV. ATTACHMENTS

V. DATE: 3/26/75

PREPARED BY: Jack Beck

Original: Legislative Finance
cc: Budget and Management
Prime Sponsor (First Legislator Named)

The Legislature of the State of Alaska
FISCAL NOTE

First Session - Ninth Legislature

I. SUBJECT

Bill No. House Concurrent Resolution No. 15
Title: Lengthening of Runway at Unalakleet
Requested by: Legislative Finance Date: March 24, 1975
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Agency: Dept. of Public Works Program: Division of Aviation

II. FISCAL DETAIL

Budget Request Unit(s) Affected: Capital Improvement

A. EXPENDITURES: (Thousands of Dollars)

OBJECT	FY 75	FY 76	FY 77	FY 78	FY 79	FY 80
100 PERSONAL SERVICES	0	236.6	286.0	286.0	0	0
200 TRAVEL	0	3.4	4.0	4.0	0	0
300 CONTRACTUAL	0	0	2,332.1	2,177.9	0	0
400 COMMODITIES	0	0	50.0	50.0	0	0
500 EQUIPMENT	0	0	0	0	0	0
600 LAND & STRUCTURES	0	240.0	0	0	0	0
700 GRANTS, CLAIMS, ETC.	0	0	300.0	300.0	0	0
TOTAL	0	480.0	2,972.1	2,817.9	0	0

B. FUNDING: (Thousands of dollars)

GENERAL FUND 100%	0	480.0	2,972.1	2,817.9	0	0
FEDERAL FUNDS	0	0	0	0	0	0
OTHER						

C. POSITIONS:

PERMANENT/TEMPORARY	FY 75	FY 76	FY 77	FY 78	FY 79	FY 80
MAN MONTHS (P./T.)	/	/	/	/	/	/

III. ANALYSIS (See Fiscal Note Preparation Instructions, Section III)

(See Attachments)

IV. ATTACHMENTS

V. DATE: 3/26/75 PREPARED BY: Jack Beck

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PRELIMINARY COST ESTIMATE

UNALAKLEET AIRPORT

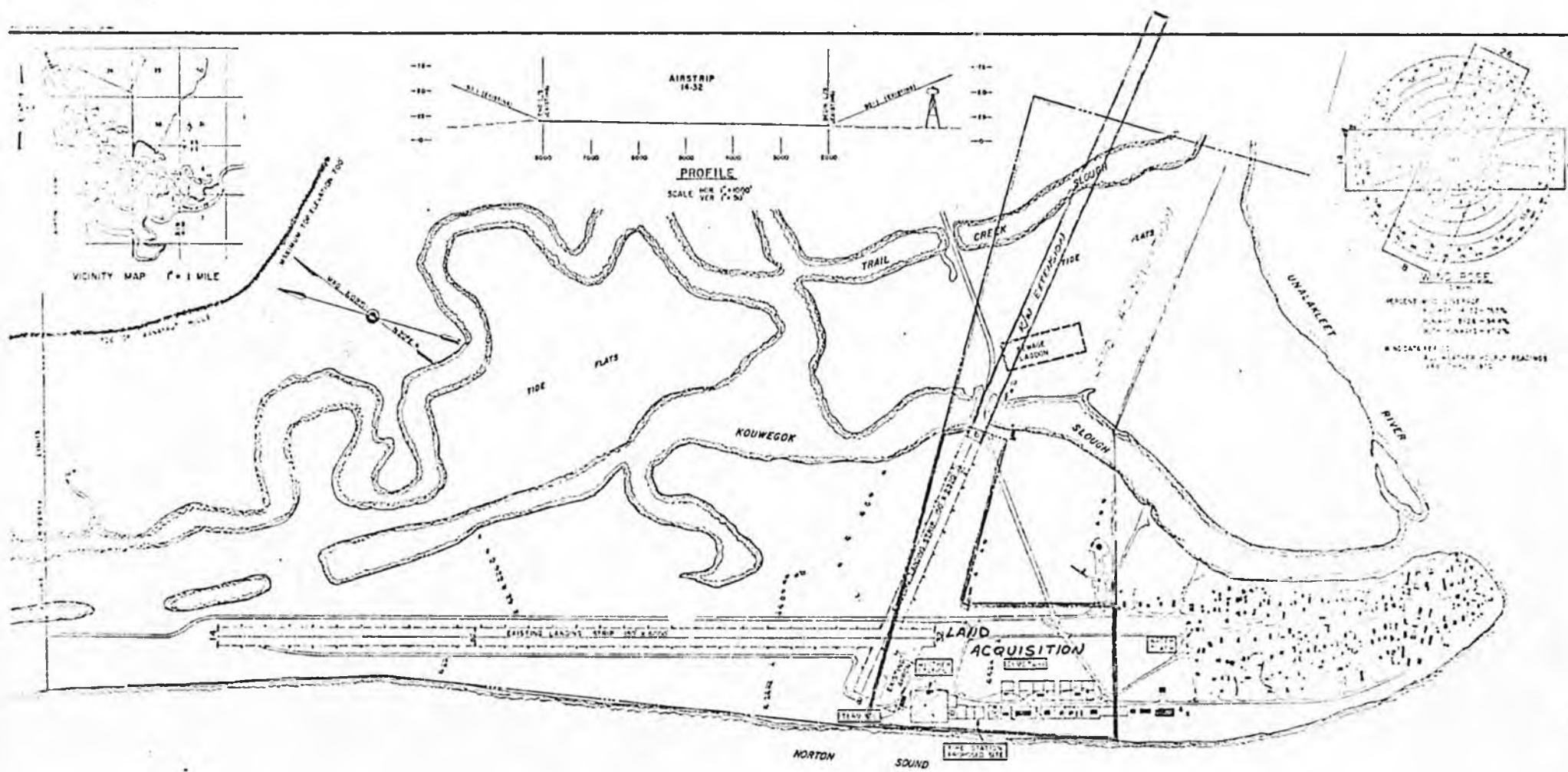
Runway 8/26 Extension
150' :: 6000'
(3680' Extension)

Mobilization & Demobilization	\$ 420,000
Embankment (750,000 c.y. @ \$2.50)	1,875,000
Subbase (41,000 c.y. @ \$5.50)	225,500
Base (41,000 c.y. @ \$14.50)	594,000
Pavement (24,400 ton @ \$36.00)	878,400
Channel Crossing, Pipe, Erosion Control	247,100
Lighting	230,000
Marking	40,000
Land Acquisition	240,000
	<hr/>
Sub Total ...	\$ 4,750,000
Administration and Contingencies 20%	950,000
Engineering 10%	570,000
	<hr/>
TOTAL	\$ 6,270,000

Prepared March 1975 using current unit costs, and quantities from the 1973 "Unalakleet Airport Study" by Dickinson - Oswald & Partners.

ASSUMPTIONS:

1. Design and Land Acquisition will begin in FY 76
2. Construction will begin in FY 77 and the project will be finished to top of subbase.
3. Maintenance will begin in FY 77 utilizing the runway for winter use under frozen conditions.
4. The project will be paved and finished in FY 78.
5. Additional costs to Capital Improvement may occur due to increase in unit prices.
6. The funding for the Capital Improvements is shown as General Fund due to the immediate commencement of the project and since neither Federal airport aid funds nor State airport bonds are currently available.
7. By breaking the project into two stages it may be possible to secure ADAP (Federal) participation on the paving.
8. It is assumed that land acquisition of the Indian Reservation must be accomplished as shown in green on the General Airport Plan. It is currently under a 25 year lease dated 1966.)
9. Land acquisition for the runway extension should be accomplished as shown in red on the General Airport Plan.



LEGEND	
INITIAL	FUTURE
Runway	Runway
Taxiway	Taxiway
Obstacle	Obstacle
Water	Water
Land	Land
...	...

AIRPORT DATA			
	INITIAL	FUTURE	
EFFECTIVE GRADIENT	4.2%		
AMP. GRADE WATER	1.5%		
AIRWAY T. ELEV.	5700		
MAXIMUM TEMPERATURE COLDEST MONTH	50° F		
SURFACE	GRAVEL		
LIGHTING SYSTEM	M. A. L.		



STATE OF ALASKA
 DEPARTMENT OF PUBLIC SAFETY
 DIVISION OF AIRPORTS
 UNALAKLEET AIRPORT
 UNALAKLEET, ALASKA
 GENERAL AIRPORT PLAN

The Legislature of the State of Alaska
FISCAL NOTE

First Session - Ninth Legislature

I. REQUEST

BILL No. House Concurrent Resolution No. 15
TITLE: Lengthening of Runway at Unalakleet
Requested by: Legislative Finance Date: March 24, 1975
Return Date Requested: March 28, 1975
Agency: Dept. of Public Works Program: Division of Aviation

II. FISCAL DETAIL

Budget Request Unit(s) Affected: Maintenance and Operation

A. EXPENDITURES: (Thousands of dollars)

OBJECT	FY 75	FY 76	FY 77	FY 78	FY 79	1979
100 PERSONAL SERVICES	0	0	51.9	54.5	57.2	60.1
200 TRAVEL	0	0	0	0	0	0
300 CONTRACTUAL	0	0	3.6	3.8	4.0	4.2
400 COMMODITIES	0	0	2.7	2.8	3.0	3.1
500 EQUIPMENT	0	0	40.0	0	0	0
600 LAND & STRUCTURES	0	0	0	0	0	0
700 GRANTS, CLAIMS, ETC.	0	0	0	0	0	0
TOTAL	0	0	98.2	61.1	64.2	67.4

B. FUNDING: (Thousands of dollars)

GENERAL FUND	0	0	98.2	61.1	64.2	67.4
FEDERAL FUNDS	0	0	0	0	0	0
OTHER	0	0	0	0	0	0

C. POSITIONS:

PERMANENT/TEMPORARY	0 / 0	0 / 0	2 / 0	0 / 0	0 / 0	0 / 0
MAN MONTHS (P./T.)	0 / 0	0 / 0	24 / 0	0 / 0	0 / 0	0 / 0

III. ANALYSIS (See Fiscal Note Preparation Instructions, Section III)

Airport operating area to be maintained will be increased by 40%. Since crosswind runway is now gravel and will be paved and lighted, overall maintenance work load would increase by 45% which includes runways, aprons and airport roads. Would require one additional equipment operator and an additional mechanic. An additional front end snow plow would also be required on a one time expenditure item in FY 77.

IV. ATTACHMENTS

V. DATE: 3/20/75

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PERMANENT/TEMPORARY MAN MONTHS (P/T.)						
	/	/	/	/	/	/

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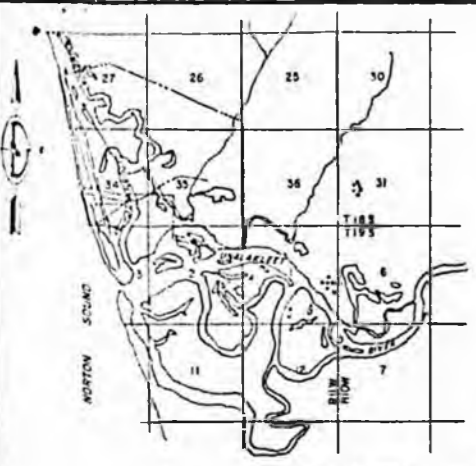
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150' x 6000'
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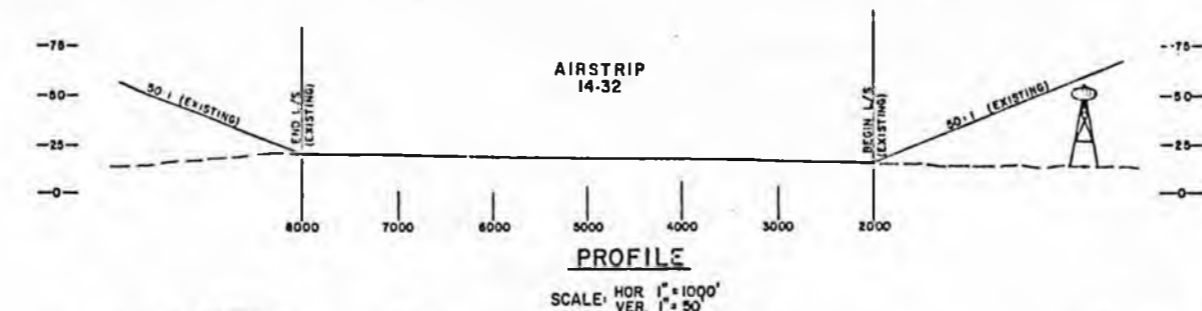
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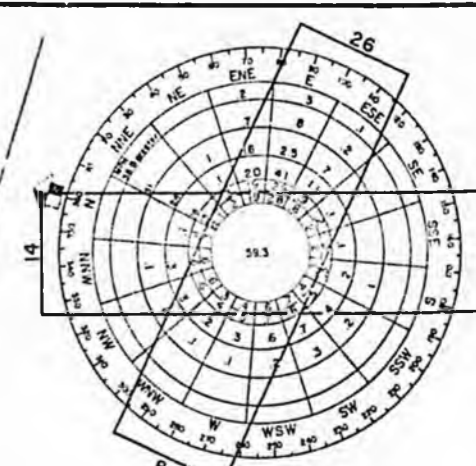
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VICINITY MAP 1" = 1 MILE

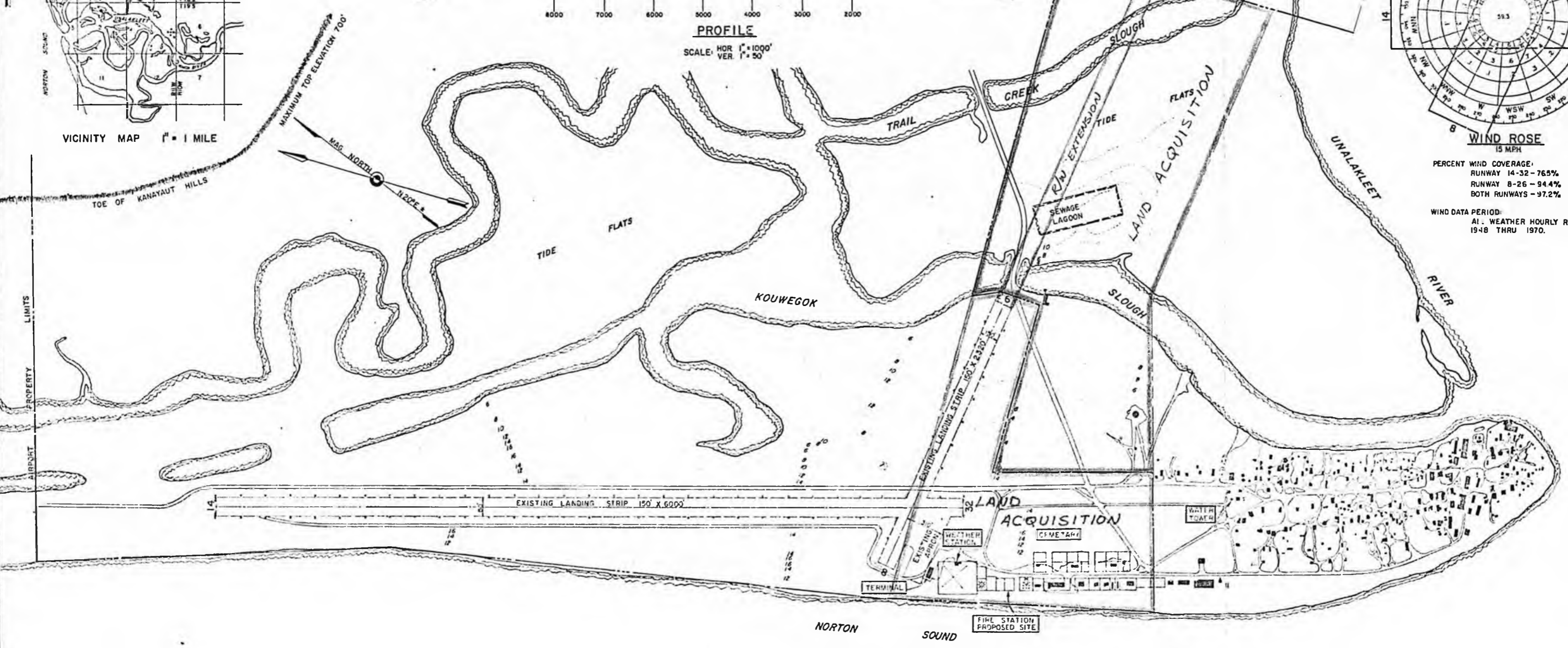


PROFILE
SCALE: HOR 1" = 1000'
VER 1" = 50'



WIND ROSE
15 MPH

PERCENT WIND COVERAGE:
 RUNWAY 14-32 - 76.5%
 RUNWAY 8-26 - 94.4%
 BOTH RUNWAYS - 97.2%
 WIND DATA PERIOD:
 AL. WEATHER HOURLY READINGS
 1948 THRU 1970.



LEGEND

	INITIAL	FUTURE
GROUND CONTOURS		
PROPERTY LINE		
FACILITIES		
CLEARED AREA LIMITS		
SHORELINE		
AIRPORT REFERENCE POINT		
WIND CONE B SEGMENTED CIRCLE		
BEACON		
PAVED AREAS		
THRESHOLD LIGHTS		

AIRPORT DATA

	INITIAL	FUTURE
EFFECTIVE GRADIENT	FLAT	
ARP COORDINATES	UNALAKLET	
AIRPORT ELEVATION	APPROX. 20 ASL	
MAXIMUM TEMPERATURE HOTTEST MONTH	86° F JUNE	
SURFACING	GRAVEL	
LIGHTING SYSTEM	MIRL	



STATE OF ALASKA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF AVIATION
 UNALAKLET AIRPORT
 UNALAKLET, ALASKA
 GENERAL AIRPORT PLAN

BY DATE
 HAH WFL
 EDK 9-20-73
 1" = 400'