

LEG. FINANCE - BILLS 1979 - 1980 1325

SB 295 thru SB 301

1325



# RECORDS



# CERTIFICATION

I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and that it is the established policy and practice of this State to microfilm its records and to dispose of the original records after microfilm reproductions have been made.

James O. Smith  
Signature of Camera Operator

3/23/90  
Date

SENATE FINANCE COMMITTEE  
BILL CHECKLIST

- |                                |                                      |
|--------------------------------|--------------------------------------|
| 1. Committee Copy-Current Bill | <u>✓</u>                             |
| 2. History Cover Form          | <u>✓</u>                             |
| 3. Printed Copies:             |                                      |
| Original Bill                  | <u>✓</u>                             |
| Committee Substitutes or       | <u>        </u>                      |
| Amendments                     | <u>        </u>                      |
| 4. SFC Committee Report Form   | <u>✓</u>                             |
| 5. Fiscal Information:         |                                      |
| Note in File                   | <u>        </u>                      |
| Note Requested                 | <u>        </u> Date <u>        </u> |
| Other Financial Backup         | <u>        </u>                      |
| (See Below)                    | <u>        </u>                      |
| 6. Backup:                     |                                      |
| Handouts                       | <u>        </u>                      |
| Letter from Governor           | <u>        </u>                      |
| Letter from Sponsor            | <u>        </u>                      |
| Completed Committee Reports    | <u>        </u>                      |
| Committee                      | <u>        </u>                      |
| Other                          | <u>        </u>                      |

Original sponsor: Kerttula

Funding Information

General Fund	\$12,000,000
	-0-
	<u>\$12,000,000</u>

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 CS FOR SENATE BILL NO. 295

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 ELEVENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation to the Alaska  
7 Power Authority for construction of the Susitna River  
8 hydroelectric project; and providing for an effective  
9 date."

10 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

11 \* Section 1. The sum of \$12,000,000 is appropriated from the general fund  
12 to the Alaska Power Authority for the fiscal year ending June 30, 1981, for  
13 construction of the Susitna River hydroelectric project in accordance with  
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15 \* Sec. 2. This Act takes effect on the effective date of a version of an  
16 Act entitled "An Act relating to the Susitna River hydroelectric project."  
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2/28/3  
January

Original sponsor: Kerttula

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Original sponsor: Kerttula

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16 Act entitled "An Act relating to the Susitna River hydroelectric project."



Introduced: 1/14/80  
Referred: Finance

Funding Information

General Fund \$4,133,000,000  
Other Funds - 0 -  
\$4,133,000,000

1 IN THE SENATE

BY KERTTULA

2 SENATE BILL NO. 295

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

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10 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

11 \* Section 1. The sum of \$13,000,000 is appropriated from the general fund  
12 to the Alaska Power Authority for fiscal year 1981 for construction of the  
13 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
14 44.56.340.

15 \* Sec. 2. The sum of \$9,000,000 is appropriated from the general fund to  
16 the Alaska Power Authority for fiscal year 1982 for construction of the  
17 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
18 44.56.340.

19 \* Sec. 3. The sum of \$4,000,000 is appropriated from the general fund to  
20 the Alaska Power Authority for fiscal year 1983 for construction of the  
21 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
22 44.56.340.

23 \* Sec. 4. The sum of \$4,000,000 is appropriated from the general fund to  
24 the Alaska Power Authority for fiscal year 1984 for construction of the  
25 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
26 44.56.340.

27 \* Sec. 5. The sum of \$11,000,000 is appropriated from the general fund to  
28 the Alaska Power Authority for fiscal year 1985 for construction of the  
29 Susitna River hydroelectric project in accordance with AS 44.56.300 -

1 44.56.340.

2 \* Sec. 6. The sum of \$48,000,000 is appropriated from the general fund to  
3 the Alaska Power Authority for fiscal year 1986 for construction of the  
4 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
5 44.56.340.

6 \* Sec. 7. The sum of \$178,000,000 is appropriated from the general fund  
7 to the Alaska Power Authority for fiscal year 1987 for construction of the  
8 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
9 44.56.340.

10 \* Sec. 8. The sum of \$203,000,000 is appropriated from the general fund  
11 to the Alaska Power Authority for fiscal year 1988 for construction of the  
12 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
13 44.56.340.

14 \* Sec. 9. The sum of \$305,000,000 is appropriated from the general fund  
15 to the Alaska Power Authority for fiscal year 1989 for construction of the  
16 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
17 44.56.340.

18 \* Sec. 10. The sum of \$451,000,000 is appropriated from the general fund  
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21 44.56.340.

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24 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
25 44.56.340.

26 \* Sec. 12. The sum of \$590,000,000 is appropriated from the general fund  
27 to the Alaska Power Authority for fiscal year 1992 for construction of the  
28 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
29 44.56.340.

1 \* Sec. 13. The sum of \$660,000,000 is appropriated from the general fund  
2 to the Alaska Power Authority for fiscal year 1993 for construction of the  
3 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
4 44.56.340.

5 \* Sec 14. The sum of \$613,000,000 is appropriated from the general fund  
6 to the Alaska Power Authority for fiscal year 1994 for construction of the  
7 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
8 44.56.340.

9 \* Sec. 15. The sum of \$571,000,000 is appropriated from the general fund  
10 to the Alaska Power Authority for fiscal year 1995 for construction of the  
11 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
12 44.56.340.

13 \* Sec. 16. The appropriations in secs. 1 - 15 of this Act constitute a  
14 loan to the Alaska Power Authority for the purpose of construction of the  
15 Susitna River hydroelectric project in accordance with AS 44.56.300 -  
16 44.56.340. Interest shall accrue and repayment of the loan shall begin from  
17 the date of completion of the construction. By accepting the money appropri-  
18 ated in this Act, the Alaska Power Authority agrees to repay the principal  
19 amount of the loan, with seven percent interest, in equal monthly payments  
20 within 30 years after the completion of construction. The commissioner of  
21 administration and the Alaska Power Authority shall enter into a written  
22 agreement as to all other necessary terms of the loan before the Alaska Power  
23 Authority may expend or in any way obligate the money appropriated in this  
24 Act.

25 \* Sec. 17. The appropriation for each of the fiscal years listed in secs.  
26 1 - 15 of this Act may not exceed 50 percent of the total amount deposited in  
27 the Alaska permanent fund during the previous fiscal year. If the amount of  
28 an appropriation in secs. 1 - 16 of this Act exceeds 50 percent of the total  
29 amount deposited in the Alaska permanent fund during the fiscal year

1 preceding the fiscal year for which the appropriation is made, the amount of  
2 the appropriation shall be reduced to an amount which equals 50 percent of  
3 the total amount deposited in the Alaska permanent fund during the previous  
4 fiscal year.

5 \* Sec. 18. This Act takes effect upon the effective date of a version of  
6 an Act entitled "An Act relating to the Susitna River hydroelectric project."  
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# 7423 - Vason

<b>ALASKA STATE LEGISLATURE</b>	
ELEVENTH Legislature SECOND Session	
SENATE	BILL NO. 295
By KERTTULA	
<p>"An Act making special appropriations to the Alaska Power Authority for construction of the Susitna River hydroelectric project; and providing for an effective date."</p>	
Introduced in the Senate 1/14/80	

HISTORY IN THE SENATE																							
19 80	Read first time and referred to Committee on Finance																						
1 14	Reported back with recommendation that																						
	Read second time and																						
	Read third time and																						
	<table style="width: 100%;"> <tr> <td style="text-align: center;">PASS</td> <td style="text-align: center;">Effective Date</td> </tr> <tr> <td>Yeas</td> <td>Yeas</td> </tr> <tr> <td>Nays</td> <td>Nays</td> </tr> <tr> <td>Absent</td> <td>Absent</td> </tr> <tr> <td>Excused</td> <td>Excused</td> </tr> <tr> <td colspan="2" style="text-align: center;">Reconsideration</td> </tr> <tr> <td style="text-align: center;">PASS</td> <td style="text-align: center;">Effective Date</td> </tr> <tr> <td>Yeas</td> <td>Yeas</td> </tr> <tr> <td>Nays</td> <td>Nays</td> </tr> <tr> <td>Absent</td> <td>Absent</td> </tr> <tr> <td>Excused</td> <td>Excused</td> </tr> </table>	PASS	Effective Date	Yeas	Yeas	Nays	Nays	Absent	Absent	Excused	Excused	Reconsideration		PASS	Effective Date	Yeas	Yeas	Nays	Nays	Absent	Absent	Excused	Excused
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SECRETARY OF THE SENATE																							

HISTORY IN THE HOUSE																							
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	Reported correctly engrossed Signed by Speaker Returned to Senate																						
CHIEF CLERK OF THE HOUSE																							

HISTORY IN THE SENATE	
19	Received from House
	To enrolling
	Reported correctly enrolled
	Sent to Governor
	..... by Governor
	Filed with Lt. Governor
	Chapter No. ....

Original sponsor: Kerttula

Funding Information

General Fund	\$12,000,000
	-0-
	<u>\$12,000,000</u>

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 CS FOR SENATE BILL NO. 295

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4 ELEVENTH LEGISLATURE - SECOND SESSION

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16 Act entitled "An Act relating to the Susitna River hydroelectric project."

John:  
FYI, this is what  
Sen. Kertulla's susitna bill  
calls for.

SENATE BILL 295

SUSITNA. APPROPRIATIONS: General Fund

FY 81	\$ 13,000,000
FY 82	9,000,000
FY 83	4,000,000
FY 84	4,000,000
FY 85	11,000,000
FY 86	48,000,000
FY 87	178,000,000
FY 88	203,000,000
FY 89	305,000,000
FY 90	451,000,000
FY 91	473,000,000
FY 92	590,000,000
FY 93	660,000,000
FY 94	613,000,000
FY 95	<u>571,000,000</u>
Total	<u>\$4,133,000,000</u>

9 Hold

THE LEGISLATURE OF THE STATE OF ALASKA  
ELEVENTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. Senate Bill No. 295 Title: An Act making special appropriations  
to the Alaska Power Authority for construction of the Susitna River hydroelectric  
project; and providing for an effective date. Date 1/14/80  
Requested by Senator Kerttula

II. FISCAL DETAIL

Agency Affected Alaska Power Authority, Department of Commerce & Economic Development  
Program Category Affected Economic Development  
BRU, Program, or Subprogram(s) Affected Alaska Power Authority  
(Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)  
EXPENDITURES (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
100 PERSONAL SERVICES		300	300	200	200	300
200 TRAVEL						
300 CONTRACTUAL		12,700	8,700	3,800	3,800	10,700
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
<b>TOTAL</b>		<b>13,000</b>	<b>9,000</b>	<b>4,000</b>	<b>4,000</b>	<b>11,000</b>

FUNDING (Thousands of Dollars)

GENERAL FUND		13,000	9,000	4,000	4,000	11,000
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

FULL TIME		7	7	4	4	7
PART TIME						
TEMPORARY						

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

Amounts appropriated by SB 295 do not correspond exactly with anticipated funding needs for the present program of studies underway. Construction of the Project could not begin until a Federal Energy Regulatory Commission license and other state and federal permits are approved. However, elements of the Project could be initiated in advance of the FERC license. These elements could include transmission line interconnection of Anchorage and Fairbanks, acquisition of land in the Upper Susitna, and access road construction. Otherwise impacts on the Alaska Power Authority of SB 295 would be no greater than exist today under the existing study program. Major impacts after 1985, when construction could commence, would be experienced by the Power Authority. If the Project is feasible for construction, state participation in financing would be a secure state investment, however, the Project appears capable of being financed in the revenue bond market. This may change, of course, depending on market conditions which prevail at the time of revenue bond sales.

IV. DATE 1/18/80 PREPARED BY Terry J. McGuire  
AGENCY Alaska Power Authority  
PHONE 277-7641  
Original: Legislative Finance  
cc: Budget and Management  
Prime Sponsor (First Legislator Named)

Funding Information  
General Fund \$4,133,000,000  
Other Funds - 0 -  
\$4,133,000,000

Introduced: 1/14/80  
Referred: Finance

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5       \* Sec 14. The sum of \$613,000,000 is appropriated from the general fund  
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13       \* Sec. 16. The appropriations in secs. 1 - 15 of this Act constitute a  
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18 ated in this Act, the Alaska Power Authority agrees to repay the principal  
19 amount of the loan, with seven percent interest, in equal monthly payments  
20 within 30 years after the completion of construction. The commissioner of  
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24 Act.

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27 the Alaska permanent fund during the previous fiscal year. If the amount of  
28 an appropriation in secs. 1 - 16 of this Act exceeds 50 percent of the total  
29 amount deposited in the Alaska permanent fund during the fiscal year

1 preceding the fiscal year for which the appropriation is made, the amount of  
2 the appropriation shall be reduced to an amount which equals 50 percent of  
3 the total amount deposited in the Alaska permanent fund during the previous  
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5 \* Sec. 18. This Act takes effect upon the effective date of a version of  
6 an Act entitled "An Act relating to the Susitna River hydroelectric project."

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# RECORDS CERTIFICATION



I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and that it is the established policy and practice of this State to microfilm its records and to dispose of the original records after microfilm reproductions have been made.


James O. Smith  
Signature of Camera Operator

3/23/90  
Date

**BILL ANALYSIS**

ASSIGNMENT DATE \_\_\_\_\_

UNASSIGNED \_\_\_\_\_

<b>DEPARTMENT</b> Public Safety	<b>SPONSOR (PRINCIPAL)</b> Sen. Colletta/Sen. Mulcahy	<b>BILL NO.</b> HCS CSSB 301
<b>DEPARTMENT POSITION</b> Support		
<b>DIVISION DIRECTOR</b> Col. W.R. Anderson	<b>DATE</b> 3/11/80	<b>COMMISSIONER</b> <i>W.R. Nix</i> William R. Nix
<b>DATE</b> 3/11/80		
<b>GOVERNOR'S OFFICE USE</b>		
<input type="checkbox"/> POSITION NOTED <input type="checkbox"/> POSITION APPROVED <input type="checkbox"/> POSITION DISAPPROVED		
BY: _____ DATE: _____		
<b>SUMMARY</b>		
(1) RELATED BILLS (SIMILAR OR CONFLICTING)		
(2) OTHER AGENCIES AFFECTED BY BILL		
(2) a. ORGANIZATIONAL SUPPORT FOR BILL		(2) b. ORGANIZATIONAL OPPOSITION TO BILL
(3) PROGRAM EFFECTS OF BILL		
(4) FISCAL IMPACT: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> FISCAL ANALYSIS ATTACHED		
(5) AMENDMENTS PROPOSED:		
(6) COMMENTS:		

Fiscal Note on SB 301 revised 1/25/80, is still accurate.

**BILL ANALYSIS**

ASSIGNMENT DATE \_\_\_\_\_

UNASSIGNED \_\_\_\_\_

<b>DEPARTMENT</b>	<b>SPONSOR (PRINCIPAL)</b>	<b>BILL NO.</b>
Public Safety	Sen. Colletta/Sen. Mulcahy	CSSB 301 am
<b>DEPARTMENT POSITION</b>		
Support		
<b>DIVISION DIRECTOR</b>	<b>DATE</b>	<b>COMMISSIONER</b>
Col. T.R. Anderson	3/11/80	<i>W.R. Nix</i> William R. Nix
<b>DATE</b>		<b>DATE</b>
		3/11/80
<b>GOVERNOR'S OFFICE USE</b>		
<input type="checkbox"/> POSITION NOTED	<input type="checkbox"/> POSITION APPROVED	<input type="checkbox"/> POSITION DISAPPROVED
<b>BY:</b>	<b>DATE:</b>	
<b>SUMMARY</b>		
(1) RELATED BILLS (SIMILAR OR CONFLICTING)		
(2) OTHER AGENCIES AFFECTED BY BILL		
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<b>(4) FISCAL IMPACT:</b> <input checked="" type="checkbox"/> NONE <input type="checkbox"/> FISCAL ANALYSIS ATTACHED		
<b>(5) AMENDMENTS PROPOSED:</b>		
<b>(6) COMMENTS:</b>		

Fiscal Note on SB 301 revised 1/25/80, is still accurate.

# STATE OF ALASKA

## DEPARTMENT OF PUBLIC SAFETY

DIVISION OF ADMINISTRATIVE SERVICES

FEB 13 1980

JAY S. HAMMOND, GOVERNOR

POUCH N - JUNEAU 99811

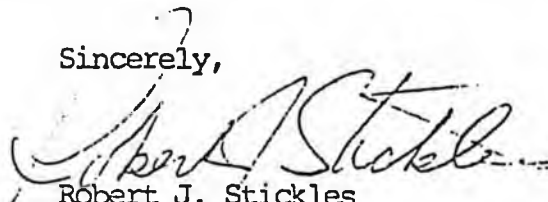
February 11, 1980

The Honorable John Sackett  
Chairman, Senate Finance Committee  
Alaska State Senate  
Pouch V  
Juneau, Alaska 99811

Dear Senator Sackett:

No change in fiscal impact will result from the wording changes made to SB 301 by committee action on February 8, 1980. Bob Janes, U.S. Forest Service Project Manager, confirmed my opinion that there would be no change from Public Safety's January 25, 1980 fiscal note on state cost for the Avalanche Warning System.

Sincerely,



Robert J. Stickles  
Director

FISCAL NOTE

I. REQUEST

Bill/Resolution No. SB 301 - An Act authorizing the State, through Public Safety,  
 Title to participate in the Alaska Avalanche Warning System.

Requested by Sen. Mulcahy Date 1/25/80

II. FISCAL DETAIL

Agency Affected Public Safety  
 Program Category Affected Administration of Justice  
 BRU, Program, or Subprogram(s) Affected Detachments & CIB

(Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL		285.0	150.0	150.0	150.0	150.0
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
<b>TOTAL</b>		285.0	150.0	150.0	150.0	150.0

FUNDING (Thousands of Dollars)

GENERAL FUND		285.0	150.0	150.0	150.0	150.0
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

FULL TIME		0	0	0	0	0
PART TIME						
TEMPORARY						

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

The U.S. Forest Service, as lead agency, would be responsible for administration and operation of the Alaska Avalanche Warning System.

The attached sheets explain details of the revised financial plan and how the costs are shared.

State costs for the first 18 months are estimated to be \$285,000 through State FY81. Subsequent State support should level off at \$150,000 annually according to U.S. Forest Service estimates.

- Attachments: (1) Financial Plan - Calendar Year 1980  
 First Year Implementation Plan  
 (2) Financial Plan - Calendar Year 1980  
 First Year Share Financing

IV. DATE Revised 1/25/80 PREPARED BY Mike Clemens  
 AGENCY Dept. of Public Safety  
 PHONE 465-4336  
 Original: Legislative Finance  
 cc: Budget and Management  
 Prime Sponsor (First Legislator Named)

EXHIBIT I

FINANCIAL PLAN--CALENDAR YEAR 1980

First-Year Share Financing

COOPERATOR	Table is in Thousands of Dollars				*Indirect Support	Total Cost
	----Additional Funding Needed----					
	1/1-6/30 1980	7/1- 9/30/80	10/1- 2/31/80	Total		
<u>FEDERAL</u>						
<u>Department of Agriculture</u>						
Forest Service R-10	30	14	15	59	21	80
Forest Service RM Research Station	--	--	--	--	5	5
Soil Conservation Service	--	--	--	--	9	9
<u>Department of Commerce</u>						
NOAA-National Weather Service	--	--	--	--	20	20
<u>Department of Interior</u>						
Bureau of Land Management	10	20	--	30	10	40
<u>STATE</u>						
Department of Transpor- tation & Public Facilities	40	20	25	85	16	101
Department of Natural- Resources	40	20	20	80	30	110
Department of Public Safety	15	5	5	25	10	35
<u>MUNICIPAL</u>						
City & Borough of Juneau	--	2	1	3	2	5
Greater Anchorage Borough	--	2	;	3	2	5
<u>PRIVATE</u>						
Alyeska Ski Resort	1	--	--	1	2	3
<b>TOTALS</b>	<b>136</b>	<b>83</b>	<b>67</b>	<b>286</b>	<b>132</b>	<b>418</b>

\*Indirect Support = value of contributed support, including facilities, staff time, use of office space, etc.

II. Direct Financing Needed: For the period January 1, 1980 through December 31, 1980, there is a total need of \$286,000. Details are provided below. This amounts to 67% State, 31% Federal, and 2% other.

III. Indirect Financial Support: For the same period noted above, \$132,000 of contributed support is furnished by various cooperators. This amounts to 53% Federal, 42% State, and 5% other.

IV. Direct Financing Details:

A. Anchorage Warning Center (AWC) Personnel

- 1. Lead Forecaster (GS-12 @ \$36,972/yr)  
for period 2/1-12/31/80.....\$30,810
- 2. Assistant Forecaster (GS-11 @ \$30,862/yr)  
for period 4/1-12/31/80.....\$25,720
- 3. Two Fire Meteorologist Technicians  
(GS-7 @ \$20,826/yr) for period 5/1-9/30/80.....\$17,355
- 4. Moving costs for two permanent forecasters.....\$30,000
- 5. Travel and per diem for training, etc.....\$ 8,000
- 6. Office communications, rent, etc.....\$ 6,115

\$118,000

B. Field Stations. Installation and contractual agreements.

\$ 20,000

C. Capital Investments

- 1. Data Collection Recall Program.....\$ 6,000
- 2. Instrumentation.....\$10,000
- 3. Orographic Precipitation Models. Contract for  
two: Southcentral @ \$76M; Southeast @ \$40M.....\$116,000

\$132,000

Subtotal

\$270,000

D. Overhead Assessment @ 6%

16,000

Total

\$286,000

# STATE OF ALASKA

## DEPARTMENT OF PUBLIC SAFETY

DIVISION OF ADMINISTRATIVE SERVICES

FEB 13 1980

JAY S. HAMMOND, GOVERNOR

POUCH M - JUNEAU 99811

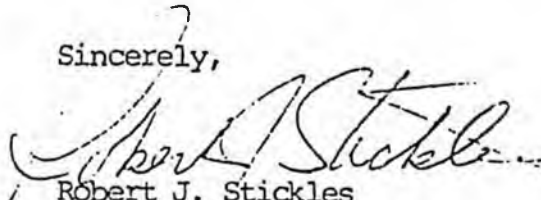
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Director

FISCAL NOTE

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Bill/Resolution No. SB 301 - An Act authorizing the State, through Public Safety,  
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 Requested by Sen. Mulcahy Date 1/25/80

II. FISCAL DETAIL

Agency Affected Public Safety  
 Program Category Affected Administration of Justice  
 BRU, Program, or Subprogram(s) Affected Detachments & CIB

(Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL		285.0	150.0	150.0	150.0	150.0
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
TOTAL		285.0	150.0	150.0	150.0	150.0

FUNDING (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
GENERAL FUND		285.0	150.0	150.0	150.0	150.0
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
FULL TIME		0	0	0	0	0
PART TIME						
TEMPORARY						

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

The U.S. Forest Service, as lead agency, would be responsible for administration and operation of the Alaska Avalanche Warning System.

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 (2) Financial Plan - Calendar Year 1980  
 First Year Share Financing

IV. DATE Revised 1/25/80

PREPARED BY

Mike Clemens  
 Mike Clemens

AGENCY

Dept. of Public Safety

PHONE

465-4336

Original: Legislative Finance  
 cc: Budget and Management

Prime Sponsor (First Legislator Named)

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COOPERATOR	Table is in Thousands of Dollars				*Indirect Support	Total Cost
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	1/1-6/30 1980	7/1- 9/30/80	10/1- 2/31/80	Total		
<u>FEDERAL</u>						
<u>Department of Agriculture</u>						
Forest Service R-10	30	14	15	59	21	80
Forest Service RM Research Station	--	--	--	--	5	5
Soil Conservation Service	--	--	--	--	9	9
<u>Department of Commerce</u>						
NOAA-National Weather Service	--	--	--	--	20	20
<u>Department of Interior</u>						
Bureau of Land Management	10	20	--	30	10	40
<u>STATE</u>						
Department of Transpor- tation & Public Facilities	40	20	25	85	16	101
Department of Natural Resources	40	20	20	80	30	110
Department of Public Safety	15	5	5	25	10	35
<u>MUNICIPAL</u>						
City & Borough of Juneau	--	2	1	3	2	5
Greater Anchorage Borough	--	2	1	3	2	5
<u>PRIVATE</u>						
Alyeska Ski Resort	1	--	--	1	2	3
<b>TOTALS</b>	<b>136</b>	<b>83</b>	<b>67</b>	<b>286</b>	<b>132</b>	<b>418</b>

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- 4. Moving costs for two permanent forecasters.....\$30,000
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Subtotal

\$270,000

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16,000

Total

\$286,000

# STATE OF ALASKA

## DEPARTMENT OF PUBLIC SAFETY

DIVISION OF ADMINISTRATIVE SERVICES

FEB 13 1980

JAY S. HAMMOND, GOVERNOR

POUCH N - JUNEAU 99811

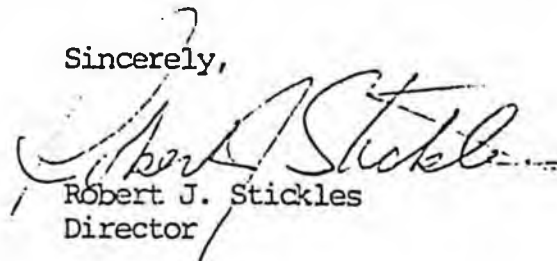
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Director

FISCAL NOTE

I. REQUEST

Bill/Resolution No. SB 301 - An Act authorizing the State, through Public Safety,  
 Title to participate in the Alaska Avalanche Warning System.  
 Requested by Sen. Mulcahy Date 1/25/80

II. FISCAL DETAIL

Agency Affected Public Safety  
 Program Category Affected Administration of Justice  
 BRU, Program, or Subprogram(s) Affected Detachments & CIB  
 (Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL		285.0	150.0	150.0	150.0	150.0
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
<b>TOTAL</b>		<b>285.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>

FUNDING (Thousands of Dollars)

GENERAL FUND		285.0	150.0	150.0	150.0	150.0
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

FULL TIME		0	0	0	0	0
PART TIME						
TEMPORARY						

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

The U.S. Forest Service, as lead agency, would be responsible for administration and operation of the Alaska Avalanche Warning System.

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 First Year Share Financing

IV. DATE Revised 1/25/80 PREPARED BY Mike Clemens  
 AGENCY Dept. of Public Safety  
 PHONE 465-1336  
 Original: Legislative Finance  
 cc: Budget and Management  
 Prime Sponsor (First Legislator Named)

EXHIBIT I

FINANCIAL PLAN--CALENDAR YEAR 1980

First-Year Share Financing

COOPERATOR	Table is in Thousands of Dollars ----Additional Funding Needed----				*Indirect Support	Total Cost
	1/1-6/30 1980	7/1- 9/30/80	10/1- 12/31/80	Total		
<u>FEDERAL</u>						
<u>Department of Agriculture</u>						
Forest Service R-10	30	14	15	59	21	80
Forest Service RM Research Station	--	--	--	--	5	5
Soil Conservation Service	--	--	--	--	9	9
<u>Department of Commerce</u>						
NOAA-National Weather Service	--	--	--	--	20	20
<u>Department of Interior</u>						
Bureau of Land Management	10	20	--	30	10	40
<u>STATE</u>						
Department of Transpor- tation & Public Facilities	40	20	25	85	16	101
Department of Natural- Resources	40	20	20	80	30	110
Department of Public Safety	15	5	5	25	10	35
<u>MUNICIPAL</u>						
City & Borough of Juneau	--	2	1	3	2	5
Greater Anchorage Borough	--	2	1	3	2	5
<u>PRIVATE</u>						
Alaska Ski Resort	1	--	--	1	2	3
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\$118,000

B. Field Stations. Installation and contractual agreements.

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two: Southcentral @ \$76M; Southeast @ \$40M.....\$116,000

\$132,000

Subtotal

\$270,000

D. Overhead Assessment @ 6%

16,000

Total

\$286,000

FISCAL NOTE

I. REQUEST  
 Bill/Resolution No. SENATE BILLS NO. 301 AND 302; HOUSE BILLS NO. 513, 534, 535, AND 536  
 Title Acts authorizing the implementation of an avalanche warning system in Alaska  
 Requested by \_\_\_\_\_ Date \_\_\_\_\_

II. FISCAL DETAIL  
 Agency Affected Health & Social Services  
 Program Category Affected Health  
 BRU, Program, or Subprogram(s) Affected Public Health/Emergency Medical Services Section  
 (Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)  
EXPENDITURES (Thousands of Dollars)

	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84
100 PERSONAL SERVICES	0	0	0	0	0	0
200 TRAVEL	0	0	0	0	0	0
300 CONTRACTUAL	0	0	0	0	0	0
400 COMMODITIES	0	0	0	0	0	0
500 EQUIPMENT	0	0	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	0	0	0	0

FUNDING (Thousands of Dollars)

GENERAL FUND	0	0	0	0	0	0
FEDERAL FUNDS	0	0	0	0	0	0
OTHER (Specify Fund Source)	0	0	0	0	0	0

POSITIONS

FULL TIME	0	0	0	0	0	0
PART TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

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

Appropriation for implementation of the Alaska avalanche warning system will be made to either the Department of Public Safety or the Department of Transportation and Public Facilities.

IV. DATE January 22, 1980 PREPARED BY Division of Public Health  
 AGENCY Health & Social Services  
 PHONE 465-3090

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

*Revised by Michael Ornelo  
 Director of Mgt + Budget  
 DHSS 1/24/80*

POSITION PAPER

SENATE BILLS NO. 301 AND 302  
HOUSE BILLS NO. 513, 534, 535, AND 536

"An Act authorizing the state, through the Department of Public Safety, to participate in the Alaska avalanche warning system; and providing for an effective date."

"An Act making a special appropriation to the Department of Public Safety for participation in the Alaska avalanche warning system; and providing for an effective date."

"An Act directing the Department of Transportation and Public Facilities to implement an avalanche warning and control system; and providing for an effective date."

"An Act authorizing the state, through the Department of Public Safety, to participate in the Alaska avalanche warning system; and providing for an effective date."

"An Act appropriating to the Department of Public Safety for participation in the Alaska avalanche warning system during fiscal year 1981; and providing for an effective date."

"An Act appropriating to the Department of Public Safety for participation in the Alaska avalanche warning system during fiscal year 1980; and providing for an effective date."

The Emergency Medical Services Section of the Division of Public Health, Department of Health & Social Services, supports the concept of implementing an avalanche warning and control system. A neutral position is taken on whether the Department of Transportation and Public Facilities or the Department of Public Safety should have overall responsibility for this system. A neutral position also is taken with respect to the amount of money to be appropriated for such a system.

The Department does believe that an avalanche warning and control system is necessary to reduce the risk of avalanche which occasionally results in serious injuries or deaths.

Recommended by: Ed J. m  
Dean F. Tirador  
Director, Division  
of Public Health

Date: 1/31/80

Approved by: Alan D. Bisse  
Commissioner  
Department of Health  
and Social Services

Date: 2-3-80

# **CORRECTION**

**THIS DOCUMENT  
HAS BEEN REPHOTOGRAPHED  
TO ASSURE LEGIBILITY**

## FISCAL NOTE

## I. REQUEST

Bill/Resolution No. SENATE BILLS NO. 301 AND 302; HOUSE BILLS NO. 513, 534, 535, AND 536  
 Title Acts authorizing the implementation of an avalanche warning system in Alaska  
 Requested by \_\_\_\_\_ Date \_\_\_\_\_

## II. FISCAL DETAIL

Agency Affected Health & Social ServicesProgram Category Affected HealthBRU, Program, or Subprogram(s) Affected Public Health/Emergency Medical Services Section

(Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84
100 PERSONAL SERVICES	0	0	0	0	0	0
200 TRAVEL	0	0	0	0	0	0
300 CONTRACTUAL	0	0	0	0	0	0
400 COMMODITIES	0	0	0	0	0	0
500 EQUIPMENT	0	0	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	0	0	0	0

FUNDING (Thousands of Dollars)

GENERAL FUND	0	0	0	0	0	0
FEDERAL FUNDS	0	0	0	0	0	0
OTHER (Specify Fund Source)	0	0	0	0	0	0

POSITIONS

FULL TIME	0	0	0	0	0	0
PART TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

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

Appropriation for implementation of the Alaska avalanche warning system will be made to either the Department of Public Safety or the Department of Transportation and Public Facilities.

IV. DATE January 22, 1980

PREPARED BY \_\_\_\_\_

Division of Public Health

AGENCY \_\_\_\_\_

Health & Social ServicesOriginal: Legislative Finance

PHONE \_\_\_\_\_

465-3090cc: Budget and Management

Prime Sponsor (First Legislator Named)

*Revised by Michael Ouellet  
 Director of Mgt. & Budget  
 DHSS 1/24/80*

33-001 (Rev. 12/78)

PROGRAM: PUBLIC HEALTH

BRU (s): EMERGENCY MEDICAL SERVICES

Accidents are the leading cause of death among Alaskans and ranks as the fourth most frequent cause nationally. Alaskans die from the trauma of accidents more than twice as often as the overall U.S. population. For every 100,000 people in the State, 100 died as the result of an accident in 1977. Nationally, only 45 of every 100,000 lost their lives due to accidents.

The goal of the Emergency Medical Service (EMS) BRU is to reduce premature death and disability arising from accidental injury or sudden illness. The strategy being employed to further that goal is that of building a comprehensive system of emergency medical services able to provide timely and appropriate care in the pre-hospital, emergency room, critical care, and rehabilitation phases of treatment. Federal law mandates that fifteen components be included in each EMS system. Examples of those mandatory components include manpower, transportation, communications, facilities, critical care units and evaluation.

The previous 8 EMS regions have been consolidated into 3 regions consistent with the boundaries of the three Health Service Areas (HSA's) in the State. Each service region is eligible for up to five years of funding under this program. The five year period is divided into three distinct phases: one year of planning, two years of Basic Life Support System Implementation and two years of Advanced Life Support System Implementation. Each of the 3 regions is in a different phase of the Federal funding cycle. A phase-out of Federal fund support will begin after next year. The Southeast Region has one more year of eligibility, the Northern Region has 2 more years of eligibility, and the Southern Region has 3 more years of eligibility.

The EMS program receives direction from an eleven member Advisory Council, members of which are appointed by the Governor, and from a physician medical advisor.

The FY 81 budget recommendation includes an increase of \$403,400 to further develop the life support systems in the three regions.

STATE OF ALASKA -- BUDGET UNIT SUMMARY

CATEGORY: HEALTH

PROGRAM: EMERGENCY MEDICAL SERVICES

AGENCY: DEPARTMENT OF HEALTH & SOCIAL SERVICES

COMPONENT DESCRIPTION	79 AUTH	79 FINAL	79 ACT	80 AUTH	80 SUPPL	80 RP	GOVERNOR --
ADMINISTRATION	932.9	1104.5	1094.7	292.2			251.5
EMS ADVISORY COUNCIL				31.0			28.5
EMS GRANTS				907.3			1279.3
XX TOTAL	932.9	1104.5	1094.7	1230.5			1559.3
XX CHANGE VERSUS 80 AUTH							26.7%
OBJECT DESCRIPTION							
PERS. SERV.	132.9	152.3	152.3	161.9			161.3
TRAVEL	39.1	39.9	40.4	42.2			42.4
CONTRACTUAL	95.8	76.1	68.2	116.4			70.1
COMMODITIES	2.5	5.0	3.2	2.7			6.2
EQUIPMENT		22.6	22.1				
GRANTS, CLMS	662.6	808.6	808.5	907.3			1279.3
FUNDING SOURCE							
FED. RECEIPT	682.4	837.3	837.3	80.0			1282.0
G. F. MATCH							234.4
GENERAL FUND	250.5	254.7	244.7	250.5			42.9
OTHER FUNDS		12.5	12.5				
XX GENERAL FUND CHANGE VS. 80 AUTH							10.6%
POSITIONS							
FULL-TIME	4.0	5.0	5.0	5.0			4.0
PART-TIME							1.0
STAFF MONTHS	60.0	60.0	60.0	60.0			56.0





*Senate*

MEMORANDUM

February 6, 1980

TO: Senator John Sackett, Chairman  
Senate Finance Committee

FROM: Senator Mike Colletta

RE: SB 301 & SB 302

Attached herewith is information and correspondence regarding the Avalanche Warning System bills that are now before your committee.

Please note that I concur in the State Affairs Committee Substitute for SB 301.

I would appreciate your consideration of a Finance Committee Substitute for SB 302 to bring the funding up to a total of \$ 285,000 (\$ 190,000 for FY 81 and \$ 95,000 for FY 80 as is included in HB 535 - 536).

ATTACHMENTS



P.O. BOX 249

GIRDWOOD, ALASKA 99587

January 27, 1980

The Honorable Mike Miller, Chairman  
House State Affairs Committee  
Alaska State House of Representatives  
Pouch V  
Juneau, Alaska 99811

Dear Mike:

Bob Janes of the U. S. Forest Service in Juneau recently briefed me on the legislation pending before your committee regarding avalanche forecasting and control program funding. I certainly appreciate your active participation in getting such a program run on a professional basis statewide.

I had planned to testify last Monday via telecon before your committee from the Anchorage legislative office; however, the Seward Highway was closed due to avalanches, and I was unable to get through. As you have probably heard, the Highway was closed from Thursday, January 17 through Wednesday, January 23. Several cars were hit and a train derailed when it could not stop in time to avoid hitting one of the slides.

I have enclosed a letter and picture which I sent Commissioner Ward regarding the avalanches on the Seward Highway last spring. This slide cost the Highway Department over \$60,000 to clean up. I am sure the cost of regular control work which would have brought down the snow before it had a chance to build up would have been far less costly.

Alyeska Resort is willing to participate in such a program to help in the scientific evaluation of avalanche hazards in this region. The resort itself has had an extensive control program for many years for the ski slopes and in recent years has spent approximately \$75,000 per year to keep the slopes safe for skiers. Because the Department of Highways is not fully funded or prepared to undertake a regular control program, we have loaned them two of our four 105mm rifles.

Naturally, I feel this program is absolutely essential. It would be desirable for funding to be retroactive to this winter season and go through

ALASKA'S LARGEST YEAR-ROUND RESORT & SKI FACILITY

(907) 783-2222



The Honorable Mike Miller

-2-

January 27, 1980

1981; although, I feel the amount recommended is conservative especially if the program is to be successful on a statewide basis.

Bob Janes and I both agree that the agency of the State that would best be suited to be responsible for the program is the Department of Public Safety.

Mike, I appreciate your getting this going in the House. Although I do not know who will spearhead this program in the Senate, I have sent a copy of this letter to Senator Colletta who represents this district. He has been very helpful in getting a control program going and is well versed on the subject as it pertains to this area.

If I can be of further help, please let me know. I would be willing to come to Juneau and do whatever necessary to get the funding for this program approved.

Best regards,

Chris von Imhof

Vice President and General Manager

CVI/bbp

Attachments 2

Copy to Senator Mike Colletta ✓  
Mr. Bob Janes

w/o attach

# STATE OF ALASKA

JAY S. HAMMOND, GOVERNOR

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

OFFICE OF THE COMMISSIONER

POUCH Z  
JUNEAU, ALASKA 99811  
(TELEX 45-328)

January 3, 1980

Re: Pre-Filed Legislation

Senator Mike Colletta  
Box 3188  
Anchorage, Alaska 99501

Dear Senator Colletta:

Thank you for your letter of December 6, 1979 addressed to Marco A. Pignalberi, Assistant Deputy Commissioner for Maintenance & Operations, which requested comments on your pre-filed Legislation for State participation in the Avalanche Warning Center. It is the unanimous opinion of all avalanche experts who are involved that a systematic program to control avalanches is critically important to safe passage on some portions of our highway system. Such programs are in effect in other mountainous States and recent increases in Alaska's population require that we also have such a program. Your District is one of the most critical areas and your response to the problem is appreciated. Following is the Department's comments on your legislation.

With regard to your bill which would appropriate \$135,000 to the Department of Public Safety to fund the State's involvement in the Warning Center, I would note that the original proposal requested this amount from the Department of Transportation, Department of Public Safety, and the Department of Natural Resources for fiscal year 1980 and fiscal year 1981. Therefore, I would suggest that the \$135,000 be designated as the total contribution for all State Agency users. We should reserve the right to approve a detailed budget that will identify the exact services to be received from the Warning Center. The Forest Service has revised their funding request to approximately \$200,000. I am leery of unsupported funding requests without detailed justification. You are aware that an Avalanche Control Plan for a specific highway segment picks up where the Warning Center leaves off. A Plan for the Seward Highway is being formulated at this time in conjunction with an Avalanche Consultant's Report which is due December 31, 1979. We are acting in advance on several recommendations contained in the Consultant Report. Foremost, among the recommendations, are the establishment of a signing system and

Re: Pre-Filed Legislation.

avalanche closure gates. Fixed gun mounts have been constructed to enable artillery firing during low visibility periods. Whereas, in the past, we have conducted artillery control work on a casual basis, this year we have entered into a cooperative agreement with the U. S. Forest Service to perform the control work and interface it with the Avalanche Warning Center. In light of the existing Department of Transportation role in avalanche prevention and control, my final comment about your proposed legislation would be the appropriateness of channeling funds for the Avalanche Warning Center through another agency. Analysis of past practices concerning avalanche control procedure shows that the major weakness has been lack of coordination due to decentralized authority over the various control activities. Inasmuch as the Maintenance & Operations Unit of my Department has an existing agreement with the Forest Service for avalanche work and it is already an integral part of the prevention program, I would suggest that you consider that the funds be channeled through this Department.

Sincerely,



Robert W. Ward  
Commissioner

# ALASKA AVALANCHE WARNING SYSTEM

## In Conjunction With A STATEWIDE FIREWEATHER FORECASTING SERVICE

### SUMMARY PAPER

January 1980

1. Situation: Snow avalanche potential in Alaska exists year-long, which contributed to the State having the highest number of avalanche fatalities in the nation during the decade of the 1970s. Over 500 structures are directly exposed to avalanches, with Juneau posing the greatest potential for a catastrophic occurrence throughout all North America. There are approximately 180 known avalanche paths crossing public highways and railroads in Alaska. In addition, there are thousands of avalanche paths that lie within developed and underdeveloped recreation areas. These facts give good cause to evaluate the adequacy -- or inadequacy -- of public safety and property protection from such hazards within the State. Alaska's growing population, with new residential developments in mountainous areas and expanding winter recreation use, greatly increases the risks. Now is the time to initiate a scientific approach in snow management to cope with the problem.

2. Need: As a primary objective, establish an interagency jointly-funded Alaska Avalanche Warning System (AAWS) on a State-wide basis, with an Avalanche Warning Center (AWC) in Anchorage. This system will inform outdoor users of changing snow conditions and related avalanche hazard potential. It will also create a better public awareness and educational program aimed at preventing accidents associated with winter use and occupancy..

As a secondary objective, during the summer months a State-wide fire/weather forecasting service will operate in conjunction with the Avalanche Warning Center (using the same professional meteorologists and facilities). In addition, during the summer months mountain weather forecasts will be provided for mountain climbers, and weather data will be provided to the River Forecast Center of the National Weather Service, in areas covered by the Orographic Precipitation Models in Southcentral and Southwest Alaska.

3. Cooperators: Implementation and operation of the AAWS will be a cooperative venture of Federal, State, Municipal, and private participants. Federal agencies include the USDA-Forest Service, USDA-Soil Conservation Service, USDC NOAA-National Weather Service, USDI-Bureau of Land Management, USDT-Alaska Railroad. In addition, the USDI-National Park Service is expected to participate. State agencies include the three Departments of Transportation and Public Facilities, Natural Resources, and Public Safety; Municipal agencies include the City and Borough of Juneau; in addition, the Greater Anchorage Borough is expected to participate. One private cooperator will participate initially: Alyaska Resort, Incorporated, located at Girdwood.

4. Organization: The USDA-Forest Service, Alaska Region, will be the lead agency in this project. Within their existing organization, the Deputy Director for State and Private Forestry in Juneau will administer the program with assistance from a part-time project coordinator located in Anchorage.

An Avalanche Warning Center will be located in Anchorage, utilizing office space and facilities of the National Weather Service. Additional staffing will include a lead

two fire/weather meteorologist technicians in the summer. In the winter there will be seven primary field stations operated by part-time snow management technicians, and twenty-eight supplemental field stations operated by either contractual arrangements or remote site instrumentation. The field stations will be located at strategic sites within the Chugach State Park, the Kenai Peninsula, Talkeetna Mountain Range, and Southeast areas of Skagway-White Pass, Juneau, Sitka, and Ketchikan.

5. Project Costs: The financial plan requires a calendar year 1980 first-year implementation cost of \$418,000. Of this, contributed support by cooperators (indirect support) in the form of existing staff time, use of facilities, office space, etc., amounts to \$132,000—an additional direct funding of \$286,000 is needed. Exhibit I and II show proposed share-financing between cooperators, and the first-year implementation detail of operation versus capital investment costs. Subsequent year annual costs are estimated to be about \$400,000.

6. Action Plan: A five-year phase program is anticipated before the AAWS is considered in full-scope operation.

#### Phase I

September 1979-December 1980

- a. Install remote weather instrumentation on Max's Mountain at Alyeska Ski Area.
- b. Initial staffing of the Avalanche Warning Center in Anchorage, with two professional meteorologists and two technicians.
- c. Activate primary field stations at Girdwood, Chugach State Park, Talkeetna Mountain (Hatcher Pass), Valdez, and Juneau.
- d. Activate supplemental field stations at Thompson Pass, Turnagain Pass, Six-Mile-Creek, Grandview, Chugach State Park, Mt. Eyak Ski Area (Cordova), Alyeska Ski Area, Arctic Valley Ski Area, Summit Lake, Isabell Pass, Tazalina Lodge, Fraser-White Pass, Eaglecrest Ski Area (Juneau), Salmon Creek Reservoir, and Sitka.
- e. Contract for two Orographic Precipitation Models, one in Southcentral, one in Southeast.

#### Phase II

January 1981-December 1981

- a. Convert the existing part-time FS Project Coordinator in Anchorage to a full-time AAWS Project Leader.
- b. Activate primary field station at Moose Pass.
- c. Install remote weather instrumentation in Juneau locality, Mt. Juneau, Mt. Roberts, and/or Eaglecrest Ski Area.
- d. Install remote weather instrumentation at Harbor Mountain (Sitka).
- e. Continue development of 4-6 supplemental field stations as sites become feasible.

- a. Activate primary field station in Ketchikan area.
- b. Install remote weather instrumentation in Eagle River/Peters Creek area.
- c. Install remote weather instrumentation in Mt. McKinley area, if feasible.
- d. Activate supplemental field stations at Hyder and Kluckwan.

Phase IV

January 1983-December 1983

- a. Install remote weather instrumentation on Mt. Troy, near Juneau.
- b. Install remote weather instrumentation in Ketchikan locality.
- c. Continue development of supplemental field stations.

Phase V

January 1984-December 1984

For the winter of 1984-85, the AAWS is expected to be in full-scope operation.

First-Year Share Financing

COOPERATOR	Table is in Thousands of Dollars				*Indirect Support	Total Cost
	-----Additional Funding Needed-----					
	1/1-6/30 1980	7/1- 9/30/80	10/1- 12/31/80	Total		
<u>DEPT</u>						
<u>Department of Agriculture</u>						
Forest Service R-10	30	14	15	59	21	80
Forest Service RM Research Station	—	—	—	—	5	5
Soil Conservation Service	—	—	—	—	9	9
<u>Department of Commerce</u>						
NOAA-National Weather Service	—	—	—	—	20	20
<u>Department of Interior</u>						
Bureau of Land Management	10	20	—	30	10	40
<u>DEPT</u>						
Department of Transpor- tation & Public Facilities	40	20	25	85	16	101
Department of Natural Resources	40	20	20	80	30	110
Department of Public Safety	15	5	5	25	10	35
<u>MUNICIPAL</u>						
City & Borough of Juneau	—	2	1	3	2	5
Greater Anchorage Borough	—	2	1	3	2	5
<u>STATE</u>						
Alaska Ski Resort	1	—	—	1	2	3
	136	83	67	286	132	418

\*Indirect Support = value of contributed support, including facilities, staff time, use of office space, etc.

First-Year Implementation Plan

I. Objective: Commence first-year operations in January 1980, with core-group staffing of the Warning Center in Anchorage installation of field observation stations, and capital investment items.

II. Direct Financing Needed: For the period January 1, 1980 through December 31, 1980, there is a total need of \$286,000. Details are provided below. This amounts to 67% State, 31% Federal, and 2% other.

III. Indirect Financial Support: For the same period noted above, \$132,000 of contributed support is furnished by various cooperators. This amounts to 53% Federal, 42% State, and 5% other.

IV. Direct Financing Details:

A. Anchorage Warning Center (AWC) Personnel

- 1. Lead Forecaster (GS-12 @ \$36,972/yr)  
for period 2/1-12/31/80.....\$30,810
- 2. Assistant Forecaster (GS-11 @ \$30,862/yr)  
for period 4/1-12/31/80.....\$25,720
- 3. Two Fire Meteorologist Technicians  
(GS-7 @ \$20,826/yr) for period 5/1-9/30/80.....\$17,355
- 4. Moving costs for two permanent forecasters.....\$30,000
- 5. Travel and per diem for training, etc.....\$ 8,000
- 6. Office communications, rent, etc.....\$ 6,115

\$118,000

B. Field Stations. Installation and contractual agreements.

\$ 20,000

C. Capital Investments

- 1. Data Collection Recall Program.....\$ 6,000
- 2. Instrumentation.....\$10,000
- 3. Orographic Precipitation Models. Contract for two: Southcentral @ \$76K; Southeast @ \$40K.....\$116,000

\$132,000

Subtotal

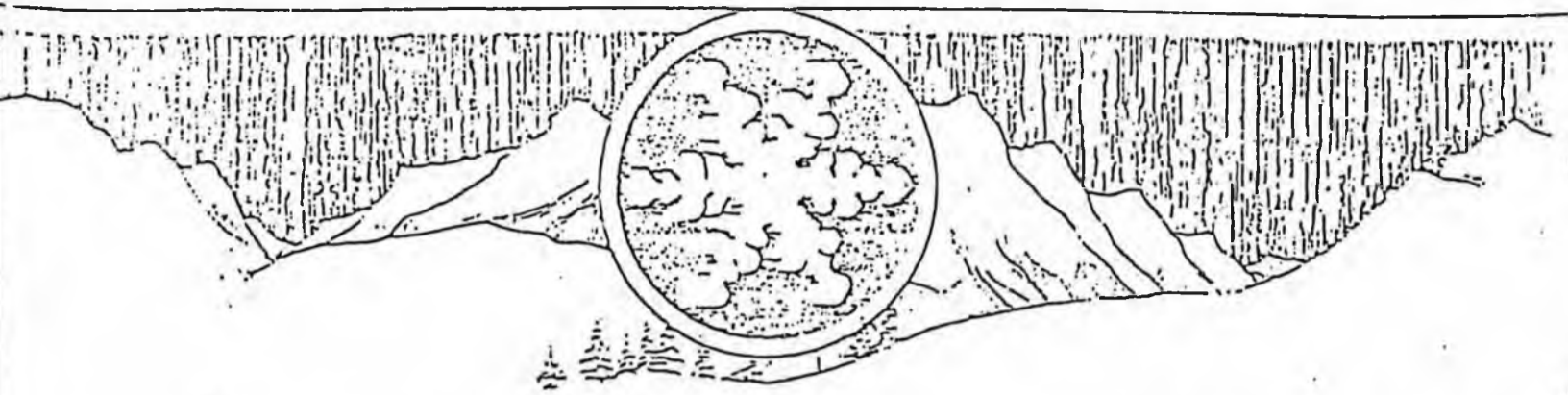
\$270,000

D. Overhead Assessment @ 6%

16,000

Total

\$286,000



DON'T BECOME A STATISTIC!  
CHECK OUT AVALANCHE  
CONDITIONS BEFORE YOU HEAD  
INTO THE BACKCOUNTRY:

271-4500

RATING THE AVALANCHE HAZARD

Avalanche advisories issued by the Alaska Avalanche Forecasting Program are expressed in the following terms of hazard classification:

LOW avalanche hazard: Mostly stable snow. Avalanches are unlikely except in isolated pockets on steep, snow-covered open slopes and gullies. Back country travel is generally safe.

MODERATE avalanche hazard: Areas of unstable snow. Avalanches are possible on steep, snow-covered open slopes and gullies. Back country travelers should use caution.

HIGH avalanche hazard: Mostly unstable snow. Avalanches are likely on steeper, snow-covered open slopes and gullies. Back country travel is not recommended.

EXTREME avalanche hazard: Widespread unstable snow. Avalanches are certain on steeper, snow-covered open slopes and gullies. Large destructive slides are possible. Back country travel should be avoided.

A 24-HOUR SERVICE

BROUGHT TO YOU BY:

CHUGACH STATE PARK - 279-3413

CHUGACH NATIONAL FOREST - 279-5541

NATIONAL WEATHER SERVICE - 271-5105

Original sponsor: Colletta

Offered: 2/22/80  
Referred: State Affairs and  
Finance

1 IN THE SENATE BY THE STATE AFFAIRS COMMITTEE

2 HOUSE CS FOR CS FOR SENATE BILL NO. 301

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 ELEVENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act relating to avalanche warning and control  
7 systems; and providing for an effective date."

8 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

9 \* Section 1. AS 18 is amended by adding a new chapter to read:

10 CHAPTER 76. ALASKA AVALANCHE WARNING SYSTEM.

11 Sec. 18.76.010. PARTICIPATION IN STATEWIDE AVALANCHE WARNING  
12 SYSTEM. The Department of Public Safety, acting in cooperation with a  
13 municipality or with an agency of the federal government, shall parti-  
14 cipate in the development and implementation of a statewide avalanche  
15 warning system and shall represent the state in the operation of that  
16 system. The statewide system shall

17 (1) establish and maintain a service center and primary and  
18 supplementary field stations to gather information and data concerning  
19 ground weather conditions, snow pack, and avalanche activity;

20 (2) forecast snow avalanche conditions throughout the state;

21 (3) coordinate a public awareness program on avalanche  
22 danger;

23 (4) catalog a comprehensive atlas of avalanche paths and  
24 slide occurrences; and

25 (5) assist local governments and state agencies in identi-  
26 fying hazardous avalanche zones and in developing snow avalanche zoning  
27 regulations.

28 \* Sec. 2. AS 19.05.030 is amended by adding a new paragraph to read:

29 (7) develop and implement an avalanche control plan to

1 protect persons who use public highways.

2 \* Sec. 3. This Act takes effect immediately in accordance with AS 01.10.-  
3 070(c).

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Original sponsor: Colletta

Offered: 2/4/80  
Referred: Finance

1 IN THE SENATE

BY THE STATE AFFAIRS COMMITTEE

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Original sponsor: Colletta

Offered: 2/4/80  
Referred: Finance

1 IN THE SENATE

BY THE STATE AFFAIRS COMMITTEE

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Introduced: 1/14/80  
Referred: State Affairs and  
Finance

1 IN THE SENATE

BY COLLETTA

2 SENATE BILL NO. 301

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 ELEVENTH LEGISLATURE - SECOND SESSION

5 A BILL

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THE LEGISLATURE OF THE STATE OF ALASKA  
ELEVENTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. HB 534 An Act authorizing the State, through the Dept. of Public Safety,  
Title to participate in the Alaska Avalanche Warning System.  
Requested by Representative Miller Date 1-25-80

II. FISCAL DETAIL

Agency Affected Public Safety  
Program Category Affected Administration of Justice  
BRU, Program, or Subprogram(s) Affected Detachments and CIB  
(Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL	95.0	190.0	150.0	150.0	150.0	150.0
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
<b>TOTAL</b>	<b>95.0</b>	<b>190.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>

FUNDING (Thousands of Dollars)

GENERAL FUND	95.0	190.0	150.0	150.0	150.0	150.0
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

FULL TIME	0	0	0	0	0	0
PART TIME						
TEMPORARY						

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

U. S. Forest Service estimates of calendar year 1980 costs and how those costs are shared are shown on two attachments. State funding needs are estimated to be \$150,000 annually after State FY-81.

IV. DATE 1-25-80 PREPARED BY Mike Clemens  
AGENCY Public Safety  
PHONE 465-4336  
Original: Legislative Finance  
cc: Budget and Management  
Prime Sponsor (First Legislator Named)

**CATEGORY:** ADMINISTRATION OF JUSTICE  
**PROGRAM:** CRIME IDENTIFICATION AND APPREHENSION

**AGENCY:** PUBLIC SAFETY  
**BRU (s):** DETACHMENTS AND CIB (CRIMINAL INVESTIGATION BUREAU); AST DIRECTOR'S OFFICE

This program includes the following BRU's: Detachments and CIB, and AST Director's Office.

The primary purpose of this program is to protect lives and property by active intervention to prevent and deter crime. The Detachments and CIB BRU comprises the bulk of the State manpower (State troopers, investigators, and support staff) devoted to this purpose. Statewide, the troopers are organized into 2 zones, 7 detachments, 52 posts and a Central Investigation Bureau. They are responsible for protection within 98% of Alaska's land area. Protection techniques, commonly referred to as law enforcement, include highway and roving patrol as a visual deterrent to crime, investigation of crime and subsequent apprehension of criminals, and aiding crime victims in distress. Search and rescue missions are also carried out by this BRU.

The Governor's FY 81 budget requests general funds to continue a 5-man traffic enforcement team which has proven very successful in preventing traffic fatalities in the Anchorage area. This team has been federally funded as an experimental project. Some reductions in other highway and urban patrol are made as funds are shifted to increasing the rural native constable program in conjunction with participation by Native Corporations.

STATE OF ALASKA -- BUDGET UNIT SUMMARY

23:57

CATEGORY: ADMINISTRATION OF JUSTICE  
 AGENCY: DEPARTMENT OF PUBLIC SAFETY

PROGRAM: CRIME IDENT & APPREHENSION

COMPONENT DESCRIPTION	79 AUTH	79 FINAL	79 ACT	80 AUTH	80 SUPL	80 RP	GOVERNOR
DETACHMENTS & C.I.B.	13866.3	15548.2	15261.8	14434.4			15471.4
AST DIRECTOR'S OFFICE	448.3	455.4	449.7	480.3			661.5
** TOTAL	14314.6	16003.6	15711.5	14914.7			16132.9
** CHANGE VERSUS 80 AUTH							8.1%
OBJECT DESCRIPTION							
PERS. SERV.	10359.6	11653.8	11693.1	11199.4			12016.7
TRAVEL	657.2	666.4	720.8	511.4			667.1
CONTRACTUAL	2547.2	2791.8	2549.6	2801.4			2864.0
COMMODITIES	353.3	359.5	331.9	300.3			359.3
EQUIPMENT	225.9	436.3	309.7				128.2
LANDS/BLDGS	95.8	95.8	106.4	102.2			97.6
GRANTS, CLMS	75.6						
FUNDING SOURCE							
FED. RECEIPT	130.4	130.4	146.2	130.4			
GENERAL FUND	14184.2	15213.6	15170.5	14784.3			16132.9
OTHER FUNDS		659.6	394.8				
** GENERAL FUND CHANGE VS. 80 AUTH							9.1%
POSITIONS							
FULL-TIME	263.0	265.0	265.0	270.0		1.0	281.0
PART-TIME	4.0	4.0	4.0	1.0			
TEMPORARY		2.0	2.0				
STAFF MONTHS	3527.9	3431.3	3431.3	3563.4		10.0	3639.3



# RECORDS CERTIFICATION



I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and that it is the established policy and practice of this State to microfilm its records and to dispose of the original records after microfilm reproductions have been made.

James O. Smith  
Signature of Camera Operator

3/23/90  
Date



Original sponsor: Colletta

Offered: 2/4/80  
Referred: Finance

*Amend*

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IN THE SENATE BY THE STATE AFFAIRS COMMITTEE

CS FOR SENATE BILL NO. 301

IN THE LEGISLATURE OF THE STATE OF ALASKA

ELEVENTH LEGISLATURE - SECOND SESSION

A BILL

For an Act entitled: "An Act relating to avalanche warning and control systems; and providing for an effective date."

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

\* Section 1. AS 18 is amended by adding a new chapter to read:

CHAPTER 76. ALASKA AVALANCHE WARNING SYSTEM.

Sec. 18.76.010. PARTICIPATION IN STATEWIDE AVALANCHE WARNING SYSTEM. The Department of Public Safety, ~~acting in cooperation with a municipality or with an agency of the federal government,~~ shall participate in the development and implementation of a statewide avalanche warning system, ~~and shall represent the state in the operation of that system.~~ The statewide system shall

- (1) establish and maintain a service center and primary and supplementary field stations to gather information and data concerning ground weather conditions, snow pack, and avalanche activity;
- (2) forecast snow avalanche conditions throughout the state;
- (3) coordinate a public awareness program on avalanche danger;
- (4) catalog a comprehensive atlas of avalanche paths and slide occurrences; and
- (5) assist local governments and state agencies in identifying hazardous avalanche zones and in developing snow avalanche zoning regulations.

\* Sec. 2. AS 19.05.030 is amended by adding a new paragraph to read:

- (7) develop and implement an avalanche control plan to

1       protect persons who use public highways.

2       \* Sec. 3. This Act takes effect immediately in accordance with AS 01.10.-  
3 070(c).

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A M E N D M E N T

OFFERED IN THE SENATE:

By: \_\_\_\_\_

To: CS SENATE BILL No. 301

HOUSE BILL No. \_\_\_\_\_

PAGE: 1

LINE: 12 through 16

DELETE LINES 12 THROUGH 16 AND INSERT:

"SYSTEM. The Department of Public Safety, shall  
develop and implement a statewide avalanche  
warning system. The statewide system shall"

## STATE OF ALASKA

## DEPARTMENT OF PUBLIC SAFETY

DIVISION OF ADMINISTRATIVE SERVICES

FEB 13 1980

JAY S. HAMMOND, GOVERNOR

POUCH M - JUNEAU 99811

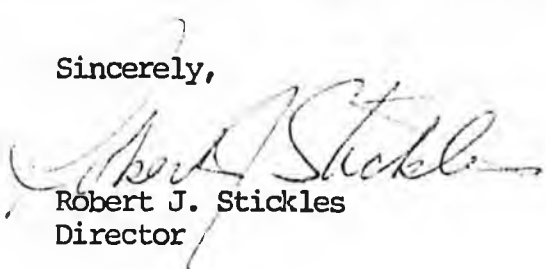
February 11, 1980

The Honorable John Sackett  
Chairman, Senate Finance Committee  
Alaska State Senate  
Pouch V  
Juneau, Alaska 99811

Dear Senator Sackett:

No change in fiscal impact will result from the wording changes made to SB 301 by committee action on February 8, 1980. Bob Janes, U.S. Forest Service Project Manager, confirmed my opinion that there would be no change from Public Safety's January 25, 1980 fiscal note on state cost for the Avalanche Warning System.

Sincerely,



Robert J. Stickles  
Director

Original sponsor: Colletta

Offered: 2/4/80  
Referred: Finance

1 IN THE SENATE

BY THE STATE AFFAIRS COMMITTEE

2 CS FOR SENATE BILL NO. 301

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 ELEVENTH LEGISLATURE - SECOND SESSION

5 A BILL

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11 Sec. 18.76.010. PARTICIPATION IN STATEWIDE AVALANCHE WARNING  
12 SYSTEM. The Department of Public Safety, acting in cooperation with a  
13 municipality or with an agency of the federal government, shall parti-  
14 cipate in the development and implementation of a statewide avalanche  
15 warning system and shall represent the state in the operation of that  
16 system. The statewide system shall

17 (1) establish and maintain a service center and primary and  
18 supplementary field stations to gather information and data concerning  
19 ground weather conditions, snow pack, and avalanche activity;

20 (2) forecast snow avalanche conditions throughout the state;

21 (3) coordinate a public awareness program on avalanche  
22 danger;

23 (4) catalog a comprehensive atlas of avalanche paths and  
24 slide occurrences; and

25 (5) assist local governments and state agencies in identi-  
26 fying hazardous avalanche zones and in developing snow avalanche zoning  
27 regulations.

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1 protect persons who use public highways.

2 \* Sec. 3. This Act takes effect immediately in accordance with AS 01.10.-  
3 070(c).  
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FISCAL NOTE

I. REQUEST

Bill/Resolution No. SB 302 - An Act making a special appropriation to the Dept. of  
 Title Public Safety for participation in the Alaska Avalanche Warning System.  
 Requested by Sen. Mulcahy Date 1/25/80

II. FISCAL DETAIL

Agency Affected Public Safety  
 Program Category Affected Administration of Justice  
 BRU, Program, or Subprogram(s) Affected Detachments & CIB  
 (Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL		285.0	150.0	150.0	150.0	150.0
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
<b>TOTAL</b>		285.0	150.0	150.0	150.0	150.0

FUNDING (Thousands of Dollars)

GENERAL FUND		285.0	150.0	150.0	150.0	150.0
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

FULL TIME		0	0	0	0	0
PART TIME						
TEMPORARY						

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

The U.S. Forest Service, as lead agency, would be responsible for administration and operation of the Alaska Avalanche Warning System.

The attached sheets explain details of the revised financial plan and how the costs are shared.

State costs for the first 18 months are estimated to be \$285,000 through State FY81. Subsequent State support should level off at \$150,000 annually according to U.S. Forest Service estimates.

- Attachments: (1) Financial Plan - Calendar Year 1980  
 First Year Implementation Plan  
 (2) Financial Plan - Calendar Year 1980  
 First Year Share Financing

IV. DATE Revised 1/25/80 PREPARED BY Mike Clemens  
 AGENCY Dept. of Public Safety  
 PHONE 465-4336

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

EXHIBIT I

FINANCIAL PLAN--CALENDAR YEAR 1980

First-Year Share Financing

COOPERATOR	Table is in Thousands of Dollars			*Indirect Support	Total Cost
	----Additional Funding Needed----				
	1/1-6/30 1980	7/1- 9/30/80	10/1- 12/31/80		
<b>FEDERAL</b>					
<u>Department of Agriculture</u>					
Forest Service R-10	30	14	15	21	80
Forest Service RM Research Station	--	--	--	5	5
Soil Conservation Service	--	--	--	9	9
<u>Department of Commerce</u>					
NOAA-National Weather Service	--	--	--	20	20
<u>Department of Interior</u>					
Bureau of Land Management	10	20	--	10	40
<b>STATE</b>					
Department of Transporta- tion & Public Facilities	40	20	25	16	101
Department of Natural- Resources	40	20	20	30	110
Department of Public Safety	15	5	5	10	35
<b>MUNICIPAL</b>					
City & Borough of Juneau	--	2	1	2	5
Greater Anchorage Borough	--	2	1	2	5
<b>PRIVATE</b>					
Alyeska Ski Resort	1	--	--	2	3
<b>TOTALS</b>	<b>136</b>	<b>83</b>	<b>67</b>	<b>132</b>	<b>418</b>

\*Indirect Support = value of contributed support, including facilities, staff time, use of office space, etc.

FINANCIAL PLAN--CALENDAR YEAR 1980

First-Year Implementation Plan

- I. Objective: Commence first-year operations in January 1980, with core-group staffing of the Warning Center in Anchorage, installation of field observation stations, and capital investment items.
- II. Direct Financing Needed: For the period January 1, 1980 through December 31, 1980, there is a total need of \$286,000. Details are provided below. This amounts to 67% State, 31% Federal, and 2% other.
- III. Indirect Financial Support: For the same period noted above, \$132,000 of contributed support is furnished by various cooperators. This amounts to 53% Federal, 42% State, and 5% other.

IV. Direct Financing Details:

A. <u>Anchorage Warning Center (AWC) Personnel</u>		
1. Lead Forecaster (GS-12 @ \$36,972/yr) for period 2/1-12/31/80.....	\$30,810	
2. Assistant Forecaster (GS-11 @ \$30,862/yr) for period 4/1-12/31/80.....	\$25,720	
3. Two Fire Meteorologist Technicians (GS-7 @ \$20,826/yr) for period 5/1-9/30/80.....	\$17,355	
4. Moving costs for two permanent forecasters.....	\$30,000	
5. Travel and per diem for training, etc.....	\$ 8,000	
6. Office communications, rent, etc.....	\$ 6,115	
		\$118,000
B. <u>Field Stations.</u> Installation and contractual agreements.		\$ 20,000
C. <u>Capital Investments</u>		
1. Data Collection Recall Program.....	\$ 6,000	
2. Instrumentation.....	\$10,000	
3. Orographic Precipitation Models. Contract for two: Southcentral @ \$76M; Southeast @ \$40M.....	\$116,000	
		\$132,000
	Subtotal	\$270,000
D. <u>Overhead Assessment @ 6%</u>		16,000
	Total	\$286,000

FISCAL NOTE

I. REQUEST

Bill/Resolution No. SB 301 - An Act authorizing the State, through Public Safety,  
 Title to participate in the Alaska Avalanche Warning System.  
 Requested by Sen. Mulcahy Date 1/25/80

II. FISCAL DETAIL

Agency Affected Public Safety  
 Program Category Affected Administration of Justice  
 BRU, Program, or Subprogram(s) Affected Detachments & CIB  
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EXPENDITURES (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL		285.0	150.0	150.0	150.0	150.0
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
<b>TOTAL</b>		<b>285.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>

FUNDING (Thousands of Dollars)

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
GENERAL FUND		285.0	150.0	150.0	150.0	150.0
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85
FULL TIME		0	0	0	0	0
PART TIME						
TEMPORARY						

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

The U.S. Forest Service, as lead agency, would be responsible for administration and operation of the Alaska Avalanche Warning System.

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IV. DATE Revised 1/25/80 PREPARED BY Mike Clemens  
 AGENCY Dept. of Public Safety  
 PHONE 465-4336  
 Original: Legislative Finance  
 cc: Budget and Management  
 Prime Sponsor (First Legislator Named)

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	----Additional Funding Needed----					
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Forest Service R-10	30	14	15	59	21	80
Forest Service RM Research Station	--	--	--	--	5	5
Soil Conservation Service	--	--	--	--	9	9
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NOAA-National Weather Service	--	--	--	--	20	20
<u>Department of Interior</u>						
Bureau of Land Management	10	20	--	30	10	40
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Department of Transpor- tation & Public Facilities	40	20	25	85	16	101
Department of Natural Resources	40	20	20	80	30	110
Department of Public Safety	15	5	5	25	10	35
<b>MUNICIPAL</b>						
City & Borough of Juneau	--	2	1	3	2	5
Greater Anchorage Borough	--	2	;	3	2	5
<b>PRIVATE</b>						
Alyeska Ski Resort	1	--	--	1	2	3
<b>TOTALS</b>	136	83	67	286	132	418

\*Indirect Support = value of contributed support, including facilities, staff time, use of office space, etc.

staffing of the warning stations, and capital investment items.

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(GS-7 @ \$20,826/yr) for period 5/1-9/30/80.....\$17,355
- 4. Moving costs for two permanent forecasters.....\$30,000
- 5. Travel and per diem for training, etc.....\$ 8,000
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B. Field Stations. Installation and contractual agreements.

\$ 20,000

C. Capital Investments

- 1. Data Collection Recall Program.....\$ 6,000
- 2. Instrumentation.....\$10,000
- 3. Orographic Precipitation Models. Contract for two: Southcentral @ \$76M; Southeast @ \$40M.....\$116,000

\$132,000

Subtotal

\$270,000

D. Overhead Assessment @ 6%

16,000

Total

\$286,000

Introduced: 1/14/80  
Referred: State Affairs and  
Finance

1 IN THE SENATE

BY COLLETTA

2 SENATE BILL NO. 301

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 ELEVENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act authorizing the state, through the Department  
7 of Public Safety, to participate in the Alaska  
8 avalanche warning system; and providing for an effec-  
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10 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

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14 SYSTEM. The Department of Public Safety, acting under cooperative  
15 agreement with one or more agencies of the federal government, may  
16 participate in the development and implementation of a statewide ava-  
17 lanche warning system. The statewide system shall

- 18 (1) establish and maintain a service center and primary and  
19 supplementary field stations to gather information and data concerning  
20 ground weather conditions, snow pack, and avalanche activity;  
21 (2) forecast snow avalanche conditions throughout the state;  
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26 fying hazardous avalanche zones and in developing snow avalanche zoning  
27 regulations.

28 \* Sec. 2. This Act takes effect immediately in accordance with AS 01.10.-  
29 070(c).

THE LEGISLATURE OF THE STATE OF ALASKA  
ELEVENTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. SENATE BILLS NO. 301 AND 302; HOUSE BILLS NO. 513, 534, 535, AND 536  
 Title Acts authorizing the implementation of an avalanche warning system in Alaska  
 Requested by \_\_\_\_\_ Date \_\_\_\_\_

II. FISCAL DETAIL

Agency Affected Health & Social Services  
 Program Category Affected Health  
 BRU, Program, or Subprogram(s) Affected Public Health/Emergency Medical Services Section  
 (Note: If more than one budget component is affected, separate line-item amounts and funding for each component in the analysis section.)  
EXPENDITURES (Thousands of Dollars)

	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84
100 PERSONAL SERVICES	0	0	0	0	0	0
200 TRAVEL	0	0	0	0	0	0
300 CONTRACTUAL	0	0	0	0	0	0
400 COMMODITIES	0	0	0	0	0	0
500 EQUIPMENT	0	0	0	0	0	0
600 LAND & STRUCTURES	0	0	0	0	0	0
700 GRANTS, CLAIMS, ETC.	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

FUNDING (Thousands of Dollars)

GENERAL FUND	0	0	0	0	0	0
FEDERAL FUNDS	0	0	0	0	0	0
OTHER (Specify Fund Source)	0	0	0	0	0	0

POSITIONS

FULL TIME	0	0	0	0	0	0
PART TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

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

Appropriation for implementation of the Alaska avalanche warning system will be made to either the Department of Public Safety or the Department of Transportation and Public Facilities.

IV. DATE January 22, 1980 PREPARED BY Division of Public Health  
 AGENCY Health & Social Services  
 PHONE 465-3090  
 Original: Legislative Finance  
 cc: Budget and Management  
 Prime Sponsor (First Legislator Named)

*Revised by Michael Ouelord  
 Director of Mgt + Budget  
 DHSS 1/24/80*

POSITION PAPER

SENATE BILLS NO. 301 AND 302  
HOUSE BILLS NO. 513, 534, 535, AND 536

"An Act authorizing the state, through the Department of Public Safety, to participate in the Alaska avalanche warning system; and providing for an effective date."

"An Act making a special appropriation to the Department of Public Safety for participation in the Alaska avalanche warning system; and providing for an effective date."

"An Act directing the Department of Transportation and Public Facilities to implement an avalanche warning and control system; and providing for an effective date."

"An Act authorizing the state, through the Department of Public Safety, to participate in the Alaska avalanche warning system; and providing for an effective date."

"An Act appropriating to the Department of Public Safety for participation in the Alaska avalanche warning system during fiscal year 1981; and providing for an effective date."

"An Act appropriating to the Department of Public Safety for participation in the Alaska avalanche warning system during fiscal year 1980; and providing for an effective date."

The Emergency Medical Services Section of the Division of Public Health, Department of Health & Social Services, supports the concept of implementing an avalanche warning and control system. A neutral position is taken on whether the Department of Transportation and Public Facilities or the Department of Public Safety should have overall responsibility for this system. A neutral position also is taken with respect to the amount of money to be appropriated for such a system.

The Department does believe that an avalanche warning and control system is necessary to reduce the risk of avalanche which occasionally results in serious injuries or deaths.

Recommended by: Dean F. Tirador  
Dean F. Tirador  
Director, Division  
of Public Health

Date: 1/31/80

Approved by: Helen D. Baine  
Commissioner  
Department of Health  
and Social Services

Date: 2-3-80

# **CORRECTION**

**THIS DOCUMENT  
HAS BEEN REPHOTOGRAPHED  
TO ASSURE LEGIBILITY**

THE LEGISLATURE OF THE STATE OF ALASKA  
ELEVENTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. SENATE BILLS NO. 301 AND 302; HOUSE BILLS NO. 513, 534, 535, AND 536  
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Program Category Affected Health  
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	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84
100 PERSONAL SERVICES	0	0	0	0	0	0
200 TRAVEL	0	0	0	0	0	0
300 CONTRACTUAL	0	0	0	0	0	0
400 COMMODITIES	0	0	0	0	0	0
500 EQUIPMENT	0	0	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	0	0	0	0

FUNDING (Thousands of Dollars)

GENERAL FUND	0	0	0	0	0	0
FEDERAL FUNDS	0	0	0	0	0	0
OTHER (Specify Fund Source)	0	0	0	0	0	0

POSITIONS

FULL TIME	0	0	0	0	0	0
PART TIME	0	0	0	0	0	0
TEMPORARY	0	0	0	0	0	0

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

Appropriation for implementation of the Alaska avalanche warning system will be made to either the Department of Public Safety or the Department of Transportation and Public Facilities.

IV. DATE January 22, 1980 PREPARED BY Division of Public Health  
Health & Social Services  
AGENCY \_\_\_\_\_  
PHONE 465-3090

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

*Revised by Michael Orslove  
Division of Mgt & Budget  
DHSS 1/24/80*