

LEGG, FINCH - BILLS 1978

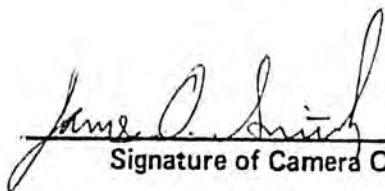
CSSB 521 thru SB 530

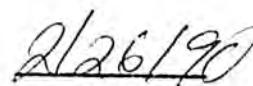


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I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and 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.


Signature of Camera Operator


Date

COMMITTEE REPORT

HOUSE

5/17/78

FURTHER: _____

Date: 6-15-78

Mr. Speaker:

The Committee on FINANCE has had CS88 521 am
"An Act relating to state participation in the costs of construction
of developmental access roads; e.d."

under consideration and (a majority of the committee) (the committee
reports it back as follows)

() recommends it do pass () recommends it do not pass

() recommends it do pass with attached amendment(s)

(X) recommends it be replaced with HCS for CS 88 521 am

and CS 88 521 am () new title () same title

() AND attaches a Letter of Intent () New Fiscal Note

() reports it back without recommendation

() and recommends it be referred to the _____ Committee

MEMBERS SIGNING DO PASS:

OTHER RECOMMENDATIONS:

[Signature]
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[Signature]
Chairman

A M E N D M E N TOffered in the HOUSEBy FINANCE COMMITTEE

To: HOUSE BILL NO. _____
HCS (Resources)
CS SENATE BILL NO. 521 am

AMENDMENT: Page Line

Page 2, line 25:

"§ Sec. 5." should be renumbered "* Sec. 10"

Page 2, line 26:

"* Sec. 6." should be renumbered "* Sec. 11"

Page 2, line 25: KNEX INSERT: HB 838

"* Sec. 5. AS 19.10 is amended by adding a new section to read:

Sec. 19.10.105. NORTH SLOPE ROAD. (a) The North Slope Road is designated part of the state highway system, effective on the date of transfer to the state under terms of the contract between the Alyeska Pipeline Service Company and the state.

(b) The department may not give preferential access to the North Slope Road to any group of users. Whenever the highway is open, it shall be open to the general public in the same manner as any other state highway.

(c) The department shall maintain the highway for use by the general public for 12 months each year.

(d) In the event of conflict between this section and other portions of this title, the provisions of this section shall govern.

(e) The appropriate departments shall conduct immediately an impact study to determine the need for public protection of fish and game resources and the security of the Trans-Alaska Oil Pipeline.

* Sec. 6. AS 38.05.035(a) is amended by adding a new paragraph to read:

(15) classify and make available for disposition under state law land of the state along the North Slope Road which may, in the director's judgment, be necessary to serve the traveling public; pending classification, the director shall issue temporary-use permits for no more than a 10-year period, with subsequent renewals for 10-year terms,

A M E N D M E N TOffered in the HOUSEBy FINANCE COMMITTEE

To: _____ HOUSE BILL NO. _____
 HCS (Resources)
 _____ CS _____ SENATE BILL NO. 521 am

AMENDMENT: Page _____ Line _____

to applicants who agree to provide necessary services for the traveling public; the director, with the approval of the commissioner, shall determine the land to be made available under this paragraph and the limitations, conditions, and terms of the permit; the permits shall be offered at public auction to the highest bidder; after classification, a permit holder has the rights granted under the permit and the right to meet the highest bid offered at the first disposal of the land subject to the permit after the expiration of the permit.

* Sec. 7. AS 44.33.020 is amended by adding a new paragraph to read:

(22) assist persons wishing to provide services to travelers on the North Slope Road in obtaining the use of existing facilities and the creation of new facilities.

* Sec. 8. AS 16.05.920 is amended by adding a new subsection to read:

(c) No person may operate a mechanical vehicle off the right-of-way of the North Slope Road north of the Yukon River Bridge. No person may hunt within five miles of the right-of-way of the North Slope Road north of the Yukon River Bridge. Sport fishing from the right-of-way of the North Slope Road north of the Yukon River Bridge may be permitted under regulation of the Board of Fisheries.

* Sec. 9. AS 19.25 is amended by adding a new section to read:

ARTICLE 5. MAINTENANCE OF NORTH SLOPE ROAD.

Sec. 19.25.270. MAINTENANCE OF NORTH SLOPE ROAD. (a) It shall be the general policy of the department to maintain the North Slope Road under bid contract.

(b) The procedures of the department established under AS 19.10.170 - 19.10.250 shall be utilized in any maintenance of the North Slope Road.

(c) If no satisfactory bid is received, the department is responsible for maintenance for the period specified in AS 19.10.105(c)."

Original sponsor: Resources Committee

Offered: 5/17/78
Referred: Finance

1 IN THE SENATE

BY THE RESOURCES COMMITTEE

2 HOUSE CS FOR CS FOR SENATE BILL NO. 521

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act relating to state participation in the costs of
7 construction of developmental access roads; and pro-
8 viding for an effective date."

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

10 * Section 1. AS 19.30.020 is amended to read:

11 Sec. 19.30.020. PURPOSE. The purpose of secs. 20 - 51 of this
12 chapter is to facilitate the commercial development of mineral resources,
13 except oil and gas, by authorizing funds to participate in construction
14 of developmental access roads into areas where mining prospects of
15 valid commercial promise are inaccessible to truck haulage. These
16 access roads are to be constructed as rudimentary truck roads and to
17 standards which can be readily improved for general public use. It is
18 the intent of the state to participate with mineral resource developers
19 up to 50 per cent for the cost of construction [AND MAINTENANCE] of
20 developmental access roads under secs. 20 - 51 of this chapter.

21 * Sec. 2. AS 19.30.030(c) is amended to read:

22 (c) The commissioner of natural resources shall review the appli-
23 cation and, if found feasible and participating funds are available, may
24 enter into a contract in which the state will participate with the
25 applicant in the cost of construction of the road, up to \$100,000
26 [\$50,000] or up to 50 per cent of the cost, whichever is lower; however,
27 the applicant shall pay for all right-of-way acquisition.

28 * Sec. 3. AS 19.30.040 is amended by adding new subsections to read:

29 Sec. 19.30.040. CONSTRUCTION [AND MAINTENANCE].

1 (f) The road, in addition to use by the applicant, will also be
2 open to use by the state, its agents and contractors. The applicant
3 shall indemnify the state and hold it harmless from any claims, demands,
4 loss, liability or expense for injury or death of persons and damage to
5 or loss of property arising out of this restricted use.

6 (g) The state reserves the option to open the road for general use
7 should it be considered in the state's best interest to do so and the
8 use does not interfere materially with the applicant's use. If the
9 option to open the road for general use is exercised, the state shall
10 assume its fair share of maintenance costs and liability for any re-
11 sultant personal injury or property damage.

12 * Sec. 4. AS 19.30.045 is amended to read:

13 Sec. 19.30.045. CANADIAN MINERALS. The state may elect, at the
14 joint discretion of the commissioners of transportation and public faci-
15 lities and natural resources, to authorize participation in a similar
16 manner, to that authorized in secs. 20 - 40 of this chapter, in con-
17 struction and maintenance of developmental access roads to the Alaskan
18 border for the development of mineral resources which are in adjacent
19 Canadian lands if such access roads are the most feasible way of devel-
20 oping those mineral resources, and if it is considered by the commis-
21 sioners to be in the interest of Alaska to construct the roads; however,
22 the state may participate up to \$100,000 [\$50,000], or up to one-third
23 of the cost of construction [AND OF THE MAINTENANCE] of these roads in
24 Alaska, whichever is lower.

25 * Sec. ¹⁶~~5~~. AS 19.30.040(e) is repealed.

26 * Sec. ¹¹~~6~~. This Act takes effect immediately in accordance with AS 01.10.-
27 070(c).

Original sponsors: Parr, Beirne,
Bennett, et al

Offered: 4/17/78
Referred: Finance

1 IN THE HOUSE

BY THE STATE AFFAIRS COMMITTEE

2 CS FOR HOUSE BILL NO. 838 am

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act relating to the North Slope Road."

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

8 * Section ¹ AS 19.10 is amended by adding a new section to read:

9 Sec. 19.10.105. NORTH SLOPE ROAD. (a) The North Slope Road is
10 designated part of the state highway system, effective on the date of
11 transfer to the state under terms of the contract between the Alyeska
12 Pipeline Service Company and the state.

13 (b) The department may not give preferential access to the North
14 Slope Road to any group of users. Whenever the highway is open, it
15 shall be open to the general public in the same manner as any other
16 state highway.

17 (c) The department shall maintain the highway for use by the
18 general public for 12 months each year.

19 (d) In the event of conflict between this section and other por-
20 tions of this title, the provisions of this section shall govern.

21 (e) The appropriate departments shall conduct immediately an
22 impact study to determine the need for public protection of fish and
23 game resources and the security of the Trans-Alaska Oil Pipeline.

24 * Sec. ² AS 38.05.035(a) is amended by adding a new paragraph to read:

25 (15) classify and make available for disposition under state
26 law land of the state along the North Slope Road which may, in the
27 director's judgment, be necessary to serve the traveling public; pending
28 classification, the director shall issue temporary-use permits for no
29 more than a 10-year period, with subsequent renewals for 10-year terms,

1 to applicants who agree to provide necessary services for the traveling
2 public; the director, with the approval of the commissioner, shall
3 determine the land to be made available under this paragraph and the
4 limitations, conditions, and terms of the permit; the permits shall be
5 offered at public auction to the highest bidder; after classification, a
6 permit holder has the rights granted under the permit and the right to
7 meet the highest bid offered at the first disposal of the land subject
8 to the permit after the expiration of the permit.

9 * Sec. ³ AS 44.33.020 is amended by adding a new paragraph to read:

10 (22) assist persons wishing to provide services to travelers
11 on the North Slope Road in obtaining the use of existing facilities and
12 the creation of new facilities.

13 * Sec. ⁴ AS 16.05.920 is amended by adding a new subsection to read:

14 (c) No person may operate a mechanical vehicle off the right-of-
15 way of the North Slope Road north of the Yukon River Bridge. No person
16 may hunt within five miles of the right-of-way of the North Slope Road
17 north of the Yukon River Bridge. Sport fishing from the right-of-way of
18 the North Slope Road north of the Yukon River Bridge may be permitted
19 under regulation of the Board of Fisheries.

20 * Sec. ⁵ AS 19.25 is amended by adding a new section to read:

21 ARTICLE 5. MAINTENANCE OF NORTH SLOPE ROAD.

22 Sec. 19.25.270. MAINTENANCE OF NORTH SLOPE ROAD. (a) It shall be
23 the general policy of the department to maintain the North Slope Road
24 under bid contract.

25 (b) The procedures of the department established under AS 19.10.-
26 170 - 19.10.250 shall be utilized in any maintenance of the North Slope
27 Road.

28 (c) If no satisfactory bid is received, the department is respon-
29 sible for maintenance for the period specified in AS 19.10.105(c).

THE LEGISLATURE OF THE STATE OF ALASKA
TENTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. SB 521

Title An Act relating to development access roads

Requested by Resources

Date 3/3/78

II. FISCAL DETAIL

Agency Affected Natural Resources

Program Category Affected NRMEC

Budget Request Unit(s) Affected Div. of Geological & Geophysical Surveys

EXPENDITURES (Thousands of Dollars)

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
TOTAL			-0-	-0-	-0-	-0-

FUNDING (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER (Specify)						

POSITIONS

FULL TIME						
PART TIME						
TEMPORARY						

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

No additional costs would be incurred in raising the limit from \$50,000 to \$100,000.

IV. DATE 3/3/78

PREPARED BY Patrick W. Conheady

AGENCY Dept. of Natural Resources

PHONE 465-2400

Original: Legislative Finance

cc: Budget and Management

Prime Sponsor (First Legislator Named)

Original sponsor: Resources Committee

Offered: 5/17/78
Referred: Finance

1 IN THE SENATE

BY THE RESOURCES COMMITTEE

2 HOUSE CS FOR CS FOR SENATE BILL NO. 521

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act relating to state participation in the costs of
7 construction of developmental access roads; and pro-
8 viding for an effective date."

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

10 * Section 1. AS 19.30.020 is amended to read:

11 Sec. 19.30.020. PURPOSE. The purpose of secs. 20 - 51 of this
12 chapter is to facilitate the commercial development of mineral resources,
13 except oil and gas, by authorizing funds to participate in construction
14 of developmental access roads into areas where mining prospects of
15 valid commercial promise are inaccessible to truck haulage. These
16 access roads are to be constructed as rudimentary truck roads and to
17 standards which can be readily improved for general public use. It is
18 the intent of the state to participate with mineral resource developers
19 up to 50 per cent for the cost of construction [AND MAINTENANCE] of
20 developmental access roads under secs. 20 - 51 of this chapter.

21 * Sec. 2. AS 19.30.030(c) is amended to read:

22 (c) The commissioner of natural resources shall review the appli-
23 cation and, if found feasible and participating funds are available, may
24 enter into a contract in which the state will participate with the
25 applicant in the cost of construction of the road, up to \$100,000
26 [\$50,000] or up to 50 per cent of the cost, whichever is lower; however,
27 the applicant shall pay for all right-of-way acquisition.

28 * Sec. 3. AS 19.30.040 is amended by adding new subsections to read:

29 Sec. 19.30.040. CONSTRUCTION [AND MAINTENANCE].

1 (f) The road, in addition to use by the applicant, will also be
2 open to use by the state, its agents and contractors. The applicant
3 shall indemnify the state and hold it harmless from any claims, demands,
4 loss, liability or expense for injury or death of persons and damage to
5 or loss of property arising out of this restricted use.

6 (g) The state reserves the option to open the road for general use
7 should it be considered in the state's best interest to do so and the
8 use does not interfere materially with the applicant's use. If the
9 option to open the road for general use is exercised, the state shall
10 assume its fair share of maintenance costs and liability for any re-
11 sultant personal injury or property damage.

12 * Sec. 4. AS 19.30.045 is amended to read:

13 Sec. 19.30.045. CANADIAN MINERALS. The state may elect, at the
14 joint discretion of the commissioners of transportation and public faci-
15 lities and natural resources, to authorize participation in a similar
16 manner, to that authorized in secs. 20 - 40 of this chapter, in con-
17 struction and maintenance of developmental access roads to the Alaskan
18 border for the development of mineral resources which are in adjacent
19 Canadian lands if such access roads are the most feasible way of devel-
20 oping those mineral resources, and if it is considered by the commis-
21 sioners to be in the interest of Alaska to construct the roads; however,
22 the state may participate up to \$100,000 [\$50,000], or up to one-third
23 of the cost of construction [AND OF THE MAINTENANCE] of these roads in
24 Alaska, whichever is lower.

25 * Sec. 5. AS 19.30.040(e) is repealed.

26 * Sec. 6. This Act takes effect immediately in accordance with AS 01.10.-
27 070(c).

A M E N D M E N T

Offered in the HOUSE

By FINANCE COMMITTEE

To: _____ HOUSE BILL NO. _____
HCS (Resources)
_____ CS _____ SENATE BILL NO. 521 am

AMENDMENT: Page _____ Line _____

Page 2, line 25:

"* Sec. 5." should be renumbered "* Sec. 10"

Page 2, line 26:

"* Sec. 6." should be renumbered "* Sec. 11"

Page 2, line 25: ~~ADDX~~ INSERT:

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Offered in the HOUSE

By FINANCE COMMITTEE

To: _____ HOUSE BILL NO. _____
HCS (Resources)
_____ CS _____ SENATE BILL NO. 521 am

AMENDMENT: Page _____ Line _____

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Sec. 19.25.270. MAINTENANCE OF NORTH SLOPE ROAD. (a) It shall be the general policy of the department to maintain the North Slope Road under bid contract.

(b) The procedures of the department established under AS 19.10.-170 - 19.10.250 shall be utilized in any maintenance of the North Slope Road.

(c) If no satisfactory bid is received, the department is responsible for maintenance for the period specified in AS 19.10.105(c)."

Original sponsor: Resources Committee

Offered: 5/9/78
Referred: Rules

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 CS FOR SENATE BILL NO. 521 am

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act relating to state participation in the costs of
7 construction of developmental access roads; and pro-
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9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

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15 VALID COMMERCIAL PROMISE] are inaccessible to truck haulage. These
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23 cation and, if found feasible and participating funds are available, may
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27 the applicant shall pay for all right-of-way acquisition.

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29 Sec. 19.30.040. CONSTRUCTION [AND MAINTENANCE].

1 (f) The road, in addition to use by the applicant, will also be
2 open to use by the state, its agents and contractors. The applicant
3 shall indemnify the state and hold it harmless from any claims, demands,
4 loss, liability or expense for injury or death of persons and damage to
5 or loss of property arising out of this restricted use.

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7 should it be considered in the state's best interest to do so and the
8 use does not interfere materially with the applicant's use. If the
9 option to open the road for general use is exercised, the state shall
10 assume its fair share of maintenance costs and liability for any re-
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14 joint discretion of the commissioners of transportation and public faci-
15 lities and natural resources, to authorize participation in a similar
16 manner, to that authorized in secs. 20 - 40 of this chapter, in con-
17 struction and maintenance of developmental access roads to the Alaskan
18 border for the development of mineral resources which are in adjacent
19 Canadian lands if such access roads are the most feasible way of devel-
20 oping those mineral resources, and if it is considered by the commis-
21 sioners to be in the interest of Alaska to construct the roads; however,
22 the state may participate up to \$100,000 [\$50,000], or up to one-third
23 of the cost of construction [AND OF THE MAINTENANCE] of these roads in
24 Alaska, whichever is lower.

25 * Sec. 5. AS 19.30.040(e) is repealed.

26 * Sec. 6. This Act takes effect immediately in accordance with AS 01.10.-
27 070(c).

THE LEGISLATURE OF THE STATE OF ALASKA
TENTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. SB 521

Title An Act relating to development access roads

Requested by Resources Date 3/3/78

II. FISCAL DETAIL

Agency Affected Natural Resources

Program Category Affected NRMEC

Budget Request Unit(s) Affected Div. of Geological & Geophysical Surveys

EXPENDITURES (Thousands of Dollars)

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
TOTAL		-0-	-0-	-0-	-0-	-0-

FUNDING (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER (Specify)						

POSITIONS

FULL TIME						
PART TIME						
TEMPORARY						

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

No additional costs would be incurred in raising the limit from \$50,000 to \$100,000.

IV. DATE 3/3/78

PREPARED BY Patrick W. Conheady

AGENCY Dept. of Natural Resources

PHONE 465-2400

Original: Legislative Finance

cc: Budget and Management

Prime Sponsor (First Legislator Named)

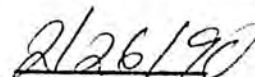


RECORDS CERTIFICATION



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.


Signature of Camera Operator


Date

COMMITTEE REPORT

SENATE

3/28/78

FURTHER: _____

Date: May 22, 1978

Mr. President:

The Committee on FINANCE has had SB 522
supplemental appropriation to Dept. of Transportation and Public Facilities,
Anchorage International Airport

under consideration and (a majority of the committee) (the committee reports it back as follows)

☒ recommends it do pass () recommends it do not pass

() recommends it do pass with attached amendment(s)

☒ recommends it be replaced with CS for 212 522

and Cont 522 () new title (x) same title

() AND attaches a Letter of Intent () New Fiscal Note

() reports it back without recommendation

() and recommends it be referred to the _____ Committee

MEMBERS SIGNING DO PASS:

OTHER RECOMMENDATIONS:

5 B 522

Ron Lind, Director
Division of Budget and Management

February 24, 1973

Frank Matulich, Budget Analyst *fm*
Division of Budget and Management

North/South Runway
Supplemental Appropriation

The basic reason for this request is the Department of Transportation's decision to award just one contract for the uncompleted work connected with this runway project (The present contract provides only for land-clearing work). This decision to award one contract, rather than to award contracts for several phases of construction, has three bases.

The first is the recently developed "multi-year grant". This new FAA procedure has made funds available all at once for the entire runway project. This availability of all federal funds for obligation by contract not only requires that they be authorized in full, but also that the matching State funds also be appropriated.

The second is the existence of current litigation relating to the eligibility of the runway project for federal funds. Once pending litigation has been resolved (which could happen quite soon), the subsequent immediate award of a comprehensive contract would eliminate the possibility of further legal delay. Otherwise legal challenges be made at successive phases of the project.

The third is the fact that combining all remaining work into one project is expected to save a considerable amount, especially in mobilization costs. It would also allow better utilization of materials throughout construction, and more easy management and control of the whole project.

The Department is now ready to advertise and award the contract, except for two items. One, of course, is the litigation concerning the use of federal funds. The other is the lack of an appropriation of state funds and state approval of the federal funds they would match. If neither of these independent problems continues for too long, it will still be possible to complete substantial work on the runway project this construction season. Excessive delays would not only require another year of work to complete the project, but would also raise the cost due to inflation over the period of delay.

To date the Department has proceeded with its work on the project with funds provided by various appropriations as set out below. These various appropriations reflect the fact that, at one time, it was expected that the North/South Runway would be constructed in several phases. These phases would have corresponded to annual grants of federal funds for the project.

The current estimate of total costs for the project is \$35,246,384. Of this amount, the Department estimates the FAA will determine \$35,146,384 of these costs to be eligible for federal funding. The FAA would therefore award \$32,949,735 of ADAP funds to the state. The state must match this estimated payment, as well as provide funds for construction work not eligible for federal participation. The relationship of presently authorized funds to those in the subject supplemental request is shown below.

Total Cost	\$ 35,246,384	
	Federal Share	State Share
	<u>\$ 32,949,735</u>	<u>\$ 2,296,649</u>
Less existing appropriations:		
Ch. 202, SLA 70		\$ 344,949
Ch. 204, SLA 72	2,086,300	1,251,700
Ch. 147, SLA 74	6,000,000	
Ch. 209, SLA 75	1,000,000	
RP 77-349	8,321,435	
Ch. 153, SLA 77	<u>6,542,000</u>	
Amount requested	\$ 9,000,000	\$ 700,000

RL:ke

Introduced: 2/24/78
Referred: State Affairs and
Finance

BY THE RULES COMMITTEE BY
REQUEST OF THE GOVERNOR

1 IN THE SENATE

2 SENATE BILL NO. 522

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE -- SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making a supplemental appropriation to the
7 Department of Transportation and Public Facilities,
8 Anchorage International Airport; and providing for an
9 effective date."

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

11 * Section 1. The sum of \$9,700,000 is appropriated to the Department of
12 Transportation and Public Facilities for the purpose of constructing a
13 North/South runway at the Anchorage International Airport. The sources of
14 this appropriation are as follows:

15 International Airport Revenue Fund	\$ 700,000
16 Federal receipts	9,000,000

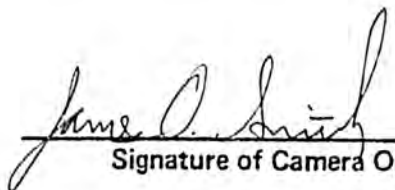
17 * Sec. 2. This Act takes effect immediately in accordance with AS 01.-
18 10.070(c).
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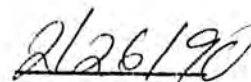


RECORDS CERTIFICATION



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.


Signature of Camera Operator


Date

Introduced: 3/3/78
Referred: State Affairs and
Finance

BY THE RULES COMMITTEE BY REQUEST
OF THE GOVERNOR (by request of the
New Capital Site Planning Commission)

1 IN THE SENATE

2 SENATE BILL NO. 530

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation to the New
7 Capital Site Planning Commission; and providing for
8 an effective date."

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

10 * Section 1. The sum of \$1,221,200 is appropriated from the general
11 fund to the New Capital Site Planning Commission, to be allocated as follows:

12 Drill test wells to determine if sufficient

13 ground water exists to provide the new capital

14 city with water

\$231,000

15 Initiate the first steps of the data collection

16 process necessary for preparation of the Environ-

17 mental Impact Assessment and Statement

928,200

18 Analysis of the impact on Juneau and on state

19 financial resources of retaining the capital in

20 Juneau

62,000

21 * Sec. 2. This appropriation is for more than one year and does not
22 lapse at the end of this fiscal year, under AS 37.25.010.

23 * Sec. 3. This Act takes effect immediately in accordance with AS 01.-
24 10.070(c).

Introduced: 3/3/78
Referred: State Affairs and
Finance

BY THE RULES COMMITTEE BY REQUEST
OF THE GOVERNOR (by request of the
New Capital Site Planning Commission)

IN THE SENATE

SENATE BILL NO. 530

IN THE LEGISLATURE OF THE STATE OF ALASKA

TENTH LEGISLATURE - SECOND SESSION

A BILL

For an Act entitled: "An Act making a special appropriation to the New
Capital Site Planning Commission; and providing for
an effective date."

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

* Section 1. The sum of \$1,221,200 is appropriated from the general
fund to the New Capital Site Planning Commission, to be allocated as follows:

Drill test wells to determine if sufficient ground water exists to provide the new capital city with water	\$231,000
Initiate the first steps of the data collection process necessary for preparation of the Environ- mental Impact Assessment and Statement	928,200
Analysis of the impact on Juneau and on state financial resources of retaining the capital in Juneau	62,000

* Sec. 2. This appropriation is for more than one year and does not
lapse at the end of this fiscal year, under AS 37.25.010.

* Sec. 3. This Act takes effect immediately in accordance with AS 01.-
10.070(c).

Introduced: 3/3/78
Referred: State Affairs and
Finance

BY THE RULES COMMITTEE BY REQUEST
OF THE GOVERNOR (by request of the
New Capital Site Planning Commission)

1 IN THE SENATE

2 SENATE BILL NO. 530

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation to the New
7 Capital Site Planning Commission; and providing for
8 an effective date."

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

10 * Section 1. The sum of \$1,221,200 is appropriated from the general
11 fund to the New Capital Site Planning Commission, to be allocated as follows:

12 Drill test wells to determine if sufficient	
13 ground water exists to provide the new capital	
14 city with water	\$231,000
15 Initiate the first steps of the data collection	
16 process necessary for preparation of the Environ-	
17 mental Impact Assessment and Statement	928,200
18 Analysis of the impact on Juneau and on state	
19 financial resources of retaining the capital in	
20 Juneau	62,000

21 * Sec. 2. This appropriation is for more than one year and does not
22 lapse at the end of this fiscal year, under AS 37.25.010.

23 * Sec. 3. This Act takes effect immediately in accordance with AS 01.-
24 10.070(c).

MEMORANDUM

10

Jay S. Hammond
Governor

DATE:

January 27, 1978

FILE NO:

Thru: Michael C. Harper
Administrative Assistant
Office of the Governor

TELEPHONE NO:

FROM:

SUBJECT:

Charles E. Behlke *C.E.B.*
Chairman
New Capital Site Planning Commission

and
Ron Evans *RE*
Administrative Director
New Capital Site Planning Commission

SUBJECT: FY78 Special Appropriation Request

The Capital Site Planning Commission, in the course of completing its "recommended financial plan" and "specific development plan" as mandated under A.S. 44.06.230(f) and (j), has identified two critical next steps in the planning process which impinge on the State's ability to carry the proposed plans through to the construction phase within the required time frame.

Data collection and analyses needed to complete these "next steps" dictate that the Commission submit a request for a Special Budget Appropriation of \$1.2 million to cover work to be accomplished during the remaining months of FY78 (March-June), since no funding was included in the general appropriation bill to handle this undertaking.

The two steps (projects) are as follows:

(A) Source Verification of Well Water

The Commission's engineering investigations reveal that there are four alternate potable water sources for the New City:

1. Deep wells (14) capable of producing 350 gallons per minute together with two 1-million gallon capacity storage tanks.
2. Diversion of water from Willow Creek to Twelve-Mile Lake or storage tanks on site, including treatment facilities, pumps, etc.

3. Pumping of water from confluence of Willow Creek and Susitna River, including gallery system and sediment removal facilities.
4. Impoundment of Deception Creek augmented by water pumped from Willow Creek.

The estimated cost of these development alternatives ranges from \$2.8 million for deep wells to \$32 million for impoundment.

While existing data would seem to indicate the probability of sufficient existing ground water to proceed with alternative #1 above, this source is not verifiable without actual field testing. Therefore, in order to insure that the proper amount of funding for this component has been included in the financing plan, test wells must be drilled.

A special appropriation of \$231,000 is required to (1) prepare surface analyses and (2) drill five 300-foot wells at specific locations near the townsite. (See attachment A for detailed breakdown.)

In the event that this work is postponed until after the November 1978 bond election, the cost figures used in the financing plan could prove to be inadequate. Further, the exploration costs could climb to as much as 30% higher than the amount requested here due to the difficulties presented by drilling during the winter months.

(B) Environmental Analyses Data Collection

The Commission has determined that construction on the New City cannot begin until the spring of 1980, with initial occupancy currently slated for the summer of 1982. These dates are indeed optimistic, but possible.

The critical element in the network of events which must precede occupancy is the preparation of an Environmental Impact Assessment and Statement, which must be reviewed and approved by appropriate State and Federal agencies. We believe that a minimum period of eighteen months for data collection, evaluation, statement preparation, review and approval will be needed. This means that work must commence immediately (no later than May 1978) in order that it be completed in early 1980.

During this period, detailed planning would have to proceed on the assumption of approval or minor adaptations in order that construction might begin in the spring of

1980. This is an admittedly ambitious schedule dependent upon cooperative agencies, skilled technicians and the availability of a minimum of one year's field data in key areas of concern, such as air and water quality and biological effects.

In order to meet this requirement, a "crash" program of data collection must begin immediately. Data must be collected in sufficient quantities and in a manner acceptable to reviewing agencies. In order to accomplish this, field stations must be in place by May of 1978.

Work completed to date has been sufficient only to identify issues and to direct plans in an environmentally sound manner for subsequent detailed study and re-evaluation as necessary in the actual development planning which must precede construction.

A special appropriation of \$928,200 is required to initiate and continue the above data collection during the period March 1 through June 30, 1978. (See attachment B for detailed breakdown.) The total cost of EIS data collection, report preparation and approval is estimated to be \$4.52 million (i.e., \$928,200 for FY78; \$1,049,000 to cover FY79 period July 1, 1978 through November 30, 1978; \$2,546,900 commencing after the November election to complete EIS process by January of 1980).

Failure to begin this data collection and analysis now will inevitably delay approvals and construction. The ability to open facilities in the New Capital City by 1982 rests on this critical process.

SOURCE VERIFICATION OF WELL WATER

Surface Investigation

Personnel and Expenses	
Two man-weeks	\$ 4,000.00
Pre-test well analytic model	10,000.00

Drilling Program

Drill, crew and Expenses	
2 holes 6 inches in diameter	
Depth 300 ft.	
Cost \$120 per ft.	72,000.00

Drill, crew and Expenses	
3 holes 4 inches in diameter	
Depth 300 ft.	
Cost \$111 per ft.	100,000.00

Monitoring Drilling Analysis	
and preparation of final report	
Personnel and Expenses	
12 man-weeks	24,000.00

Contingencies	10 percent	<u>21,000.00</u>
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ESTIMATED TOTAL	\$231,000.00
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PROCEDURE FOR PREPARATION OF ENVIRONMENTAL IMPACT STATEMENTS

Environmental impact statements (EIS) are a requirement of the Federal government and are mandated by the National Environmental Policy Act, PL91-190, January 1, 1970. These documents are required for all major Federal actions "...significantly affecting the quality of the human environment..." Issuance of permits and grants are considered to be Federal actions. The term "major actions" are implications of thresholds of importance and impact which must be met before a statement is required. Another consideration used to determine the necessity for an EIS is the potential for controversy of the proposed Federal action.

A second type of response to NEPA is the Negative Declaration, a statement that in the opinion of the agency no significant effects on the human environment will occur and an EIS is not required.

When several Federal agencies are involved in an action or several actions occur in a localized geographical area, the Council on Environmental Quality encourages the designation of a lead agency to prepare the statement. An important responsibility of the lead agency is to insure that all aspects of Federal actions are addressed adequately in the draft document.

In most cases, the Federal agency will not collect original data; instead it relies on

available data sources or data supplied by an applicant. In cases where the applicant must supply the data, the Federal agency will participate in the data identification and collection process in an advisory role to insure that the data collection process adequately responds to the needs of the environmental analysis. The agency also monitors the progress of the data collection process and will use the final product prepared by an applicant as the source document for the preparation of the agencies EIS. In other cases the Federal agency will contract with an organization for the preparation of an environmental assessment which the agency will use to prepare an EIS.

The first EIS is the draft environmental impact statement. This document is submitted to the Council on Environmental Quality, all interested agency reviewers, both Federal and State, and the public for review and comment.

Agencies seeking review and comment must allow forty-five days for review, and should allow for extensions for up to fifteen days for extensions requested by agencies or parties. Consideration must be given to the magnitude and complexity of the statement and the extent of citizen interest in the proposed action in granting requests for additional review time.

No administrative action can be taken sooner than ninety days after the draft EIS has been submitted to the Council on Environmental Quality and circulated for comment, nor sooner than thirty days after final copies of the document incorporating all changes resulting from reviewers comments have been submitted to the Council. If the final EIS is submitted prior to the end of the ninety day period, the minimum thirty day and ninety day periods can overlap.

FEDERAL AGENCIES WHICH MAY BE PARTICIPANTS IN THE
PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT

AGENCY	ACTION
Environmental Protection Agency	Construction grant for sewage treatment facility
Economic Development Administration	Grants to Community projects
Department of Housing and Urban Development	Grants for water and sewer projects
General Services Administration	Housing loans insured by FHA
Federal Aviation Administration	Construction of new Federal building
Corps of Engineers	Airport planning and construction grants
	Permits for placement of dredged material
	Construction of sewage outfall in navigable waters
Bureau of Outdoor Recreation	Grants for recreation facilities
Small Business Administration	Loans to small businesses
U. S. Coast Guard	Construction of bridges over navigable waters
Alaska Railroad	Construction of railroad spur
U. S. Fish & Wildlife Service	Construction of rail-highway crossings
	Review of actions affecting "waters of the U.S."

STATE AGENCIES WHICH WILL BE INVOLVED IN DETERMINING
DATA ACQUISITION TO SATISFY PERMIT REQUIREMENTS

Agency	Action
Department of Public Safety	Several plan check permits
Department of Commerce and Economic Development	Certificates of Public Necessity and Convenience
Department of Transportation and Public Facilities	Permits for utilities, encroachment and driveways
Department of Health and Social Services	Licenses and permits for institutional and private sector
Department of Environmental Conservation	Permits and licenses for actions that introduce potential pollutants to the environment
Department of Fish and Game	Permits for activities that affect fish and game.
Department of Natural Resources	Permits and plan reviews

ESTIMATE OF ENVIRONMENTAL ASSESSMENT COSTS

	Data Collection Period		Data Analysis and Report Preparation	Total
	Supplemental FY 1978 3/78-6/78	Partial FY 1979 7/78-11/78		
HYDROLOGY & WATER QUALITY	\$ 60,400	\$ 102,800	\$ 170,400	\$ 333,600
GEOTECHNICAL	202,600	127,600	43,600	373,800
U.S.G.S (Water Studies)		42,000	40,000	82,000
ARCHAEOLOGY		21,600	31,600	53,200
BIOLOGY				
FISH	56,000	112,000	224,000	392,000
WILDLIFE	137,200	168,800	353,300	659,300
VEGETATION	16,000	204,200		220,200
METEOROLOGY AND AIR QUALITY	300,000	60,000	130,000	490,000
AIR QUALITY MODELING (Powerplant, Airport, City)			150,000	150,000
NOISE MODELING (Airport)			10,000	10,000
PROJECT MGMT, STAFF AND OPERATIONAL EXPENSES	156,000	210,000	1,394,000	1,760,000
TOTAL	\$ 928,200	\$ 1,049,000	\$ 2,546,900	\$ 4,524,100

COST ANALYSIS - HYDROLOGICAL AND GEOTECHNICAL

Project Description

Project - Hydrological

1. Identify source location, types and quantities of water pollutants addressing both construction and operational phases.
2. Summarize existing water quantity and quality information, identify historical patterns, annual trends, low flow conditions, temperature patterns, icing problems for all rivers, creeks and lakes in the area.
3. Examine the natural quality and quantity of surface waters, locating seeps, springs and interflow areas.
4. Assess the impact of ground water withdrawal through the use of data acquired in the drilling and testing program, electrical resistivity traverses and computer modeling.
5. Summarize available meteorological data to determine water availability and its part in the total hydrologic regime.
6. Lake profiling and contouring, water sampling, analysis of stream flow data, observations of surface water bodies such as ice thickness measurements, breakup and freeze-up data, installation of rain gauges for analysis in the hydrologic cycle. These efforts require extensive field observations.
7. Identify travel time and routes of surface and subsurface water through the lake drainage system by the use of tracer dyes.
8. Identify water use permits and attend permits and standards meetings with State and Federal agencies.
9. Analyze quantity, quality and impacts of sanitary, storm and casual operational water discharges, of sewage systems, septic systems, erosion, subhumus flow, storm drainage, landfill leachate and waste oil disposal.
10. Conduct a study of the impact of construction and operation of the city on the physical, biological and chemical aspects of Nancy Lake.
11. Examine developmental impacts of phased development and construction schedules, assessing both short and long term impacts on water quality and surface drainage.

12. Assess the impact of planned operation activity of the city including accidents such as oil spills, the long term effects of storm water management, regional water management, icing and ice fog.

Geotechnical

13. This phase includes test drilling, resistivity surveys, field data collection necessary to prepare maps of surficial geological materials and bedrock locations. This is the field data collection effort necessary to determine land use suitability for such uses as landfills and major structures.
14. Samples collected in Project 13 will be tested to derive physical properties used in determining the suitability of geographic areas for specific land uses.
15. The products of Projects 13 and 14 will be used to prepare detailed terrain unit maps indicated suitability for various land uses.
16. A hazards analysis study will be performed to evaluate geologic hazards such as earthquakes, slope failures and permafrost, seismic analysis and determination of earthquake responses such as ground motion intensity, liquefaction, slope stability, etc.
17. Prepare a preliminary text for initial review, describing the products of the previous projects and identifying impacts in appropriate formats.
18. After review, revisions of text will be made to conform to reviewers comments.

COST ANALYSIS - U.S.G.S. WATER PROGRAM

Project	3-6/78	7-11/78	12/78-1/80	Total
1		\$42,000	\$40,000	\$82,000

Project Description

1. Install two continuous gaging stations in FY79 (after 10/78), perform miscellaneous measurements quarterly on Willow and Deception Creeks, perform selected analysis of quarterly samples and perform continuous recording of water levels in three observation wells in proposed water supply test wells.

COST ANALYSIS - ARCHAEOLOGICAL PROGRAM

Project	3-6/78	7-11/78	12/78-1/80	Total
1		\$21,600	\$31,600	\$53,200

Project Description

1. The Department of Natural Resources, Division of Parks proposes to conduct a archaeological and historical survey of the development area of the capital city site in the summer of 1978 and the capital reserve area during the summer of 1979.

COST ANALYSIS - BIOLOGICAL

Project	3-6/78	7-11/78	12/78-1/80	Total
1		\$88,000		\$88,000
2		4,000		4,000
3		4,000		4,000
4	\$8,000	60,200		68,200
5	8,000	48,000		56,000
6	10,800	2,400	\$40,800	54,000
7	36,000	24,000	115,900	175,900
8	2,200	800	3,200	6,200
9	17,600	38,400	56,000	112,000
10	40,400	77,200	64,000	181,600
11	21,000	18,000	53,800	92,800
12	2,000	2,000		4,000
13	2,400		4,800	7,200
14	4,800	6,000	14,800	25,600
15	56,000	112,000	224,000	392,000
16				
17				
Total	\$209,200	\$485,000	\$577,300	\$1,271,500

COST ANALYSIS - BIOLOGICAL

Project Description

Project

1. Preparation of a color mosaic at a scale of 1:15,840 for detailed vegetative analysis of habitat type.
2. Determination of detailed vegetative type.
3. Correlation of animal use areas and habitat types to improve knowledge of vegetative types and use.
4. Identify amount of acreage of key moose browse species, conditional and successional stages of all habitat types within a fifteen mile radius of the city.
5. Determine amount of moose habitat lost to construction and investigate methods and areas to create replacement habitat.
6. Conduct aerial surveys to determine areas used by moose at various times of the year, identify moose wintering and calving areas and correlate results with vegetation data from other projects.
7. Radio transmitter collars will be placed on 25 moose within a ten mile radius of the city center and a monitoring program will record their movements throughout the year to assist in establishing seasonal habitat preferences for specific sex and age classes.
8. Conduct aerial wolf census to determine abundance, location, movement and denning locations in and adjacent to the capital site.
9. Conduct aerial and ground reconnaissance of black and brown bear to determine habitat use, abundance, feasibility of ground snaring and tranquilizing from helicopter.
10. Capture twenty to twenty-five brown and black bears with snares and install radio transmitter collars and acquire biological data. Monitoring flights will be conducted to locate dens and critical habitat.
11. Conduct a comprehensive study of furbearers, their movements, habitat use and abundance.
12. Federal regulations require a survey to determine the presence, abundance or absence of endangered species.

13. Conduct aerial nest surveys of hawks, owls and raptors, with special emphasis placed on the areas to be modified by construction.
14. Spring, summer and fall aerial surveys will be conducted to determine presence, abundance and location of water fowl.
15. A total inventory of the fisheries resources in Willow Creek, Lilly Creek and Deception Creek drainages will be made to determine the presence and abundance of both anadromous and resident species.
16. The recreational use of fisheries resources will be assessed in Willow Creek, with major emphasis on a creek census of sport angling during July and August.
17. Preliminary measurements and evaluations of seasonal flows and instream flow needs on Willow Deception and Lilly Creeks.

COST ANALYSIS - METEOROLOGY, AIR QUALITY AND NOISE ANALYSIS

Project	3-6/78	7-11/78	12/78-1/80	Total
1	\$164,000	\$40,000	\$87,000	\$291,000
2	23,000	10,000	23,000	56,000
3	113,000	10,000	20,000	143,000
4			25,000	25,000
5			75,000	75,000
6			50,000	50,000
7			10,000	10,000
Totals	\$300,000	\$60,000	\$290,000	\$650,000

COST ANALYSIS - METEOROLOGY, AIR QUALITY AND NOISE ANALYSIS

Project Description

1. Tower (60 meter) at city site, instrumentation, maintenance and operation.
2. Tower (10 meter) installation at Houston, instrumentation, maintenance and operation, for airport analysis.
3. Tower (100 meter) on Willow Creek road, instrumentation, maintenance and operation for power plant analysis.
4. Air quality modeling - airport.
5. Air quality modeling - city.
6. Air quality modeling - power plant.
7. Noise forecast modeling - airport.

PROJECT MANAGEMENT, STAFF AND

OPERATIONAL EXPENSES

	3-6/78	7-11/78	12/78-1/80	Total
PROJ MGMT	\$120,000	\$150,000	\$390,000	\$660,000
SECRETARIAL	24,000	45,000	117,000	186,000
TECHNICAL EDITOR			120,000	120,000
TECHNICAL ILLUSTRATOR			100,000	100,000
PROFESSIONAL STAFF			600,000	600,000
OPERATIONAL EXPENSES	12,000	15,000	42,000	69,000
PRINTING			25,000	25,000
TOTAL	\$156,000	\$210,000	\$1,394,000	\$1,760,000

PROFESSIONAL STAFF

Professional staff will participate in design of the program, monitor progress and prepare final document. Their time will be allocated as follows:

25%	3/78 - 6/78
25%	7/78 - 11/78
50%	12/78 - 1/80

PROFESSIONALS

	Total - Man Mos.
Meteorology and Air Quality	4
Water-surface, subsurface, quality	4
Archaeology	2
History	2
Soils	2
Vegetation	4
Forestry	2
Fish	4
Wildlife	4
Modelling-air, noise	5
Transportation- air, roads, rail	4
Aesthetics	2
Energy	4
Mineral resources	3
Recreation	2
Sociology	4
Economics	4
Power plant engineering	4

	Total - Man Mos.
Seismology	1
Geology - surface, subsurface	4
Soils engineer	4
Health and Social Services	4
Housing	3
Total Man Months	<u>76</u>

TO: ☐

Jay S. Hammond
Governor

DATE: February 13, 1978

FILE NO:

Thru: Michael C. Harper
Administrative Assistant
Office of the Governor

TELEPHONE NO:

FROM:

SUBJECT:

GOVERNOR'S OFFICE

Charles E. Behlke
Chairman
New Capital Site Planning Commission
and

Ron Evans
Administrative Director
New Capital Site Planning Commission

SUBJECT: FY78 Special Appropriation Request

The New Capital Site Planning Commission, in the course of completing its financial and development plans per A.S. 33.06.230 (f) and (j), has identified the need for conducting a further study to understand the full implications of a capital move.

Data collection and analyses needed to complete this study dictates that the Commission submit a request for a Special Budget Appropriation of \$62,000 to cover work to be accomplished during the remaining months of FY78 (March-June), since no funding was included in the general appropriation bill to handle this undertaking:

(A) Project Description: Analysis of the impact on Juneau and on state financial resources of retaining the capital in Juneau.

Should the capital move not take place, Commission consultants estimate that substantial additions of state office space would be required in Juneau by 1994. Population in the City and Borough would continue to grow rapidly.

As an initial assessment of cost considerations, Commission consultants have estimated construction cost only for state offices and community facilities and services utilizing indices derived for the Willow site. More definitive estimates are necessary for the legislature and the public to evaluate relative costs of state growth at Willow and Juneau. Such information will also be valuable if the Environmental Impact Statement for Willow requires full exploration of a "no-action" alternative--retention of capital functions in Juneau.

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FEB 15 1978

FISCAL OFFICE

Several factors concerning Juneau's physical setting mandate more extensive evaluation to establish costs. Relatively little open area exists within the city itself. Contiguous expansion of present state facilities would thus require: considerably higher densities than the basis for cost estimation at Willow; redevelopment of property largely in private use; concentration of parking in parking structures; acquisition of land. All of these conditions could alter substantially costs based on Willow indices.

Portions of state facilities expansion could conceivably be decentralized to other locations in the Juneau region. This could affect both capital costs and the operations of state government.

Accommodation of increased population affords additional issues which have public cost, efficiency, and environmental implications. The topographic and geologic features of Juneau, and their limitations, differ considerably from Willow. These may affect both the location and density of development, and therefore, construction and land acquisition cost requirements.

This study would take place between March 15 and June 1, 1978 and would involve the following activities:

1. Discussions with the Commissioner of Administration on factors affecting centralization/decentralization of additional state facilities in Juneau.
2. Establishment of a phased program for state facility expansion over the period 1980-1994. This would also include identification of specific sites or areas for expansion, establishment of floor space densities and structure parking requirements.
3. Estimation of land acquisition and construction cost requirements for state facilities based on the program, topographic and geologic information.
4. Similar analyses for other public office and support facilities (federal and local) and for private economic development (offices, hotels, commercial, etc.) likely to locate over the period.
5. Allocation of population growth to areas within the Borough at densities related to natural features, zoning requirements and service capacities.
6. Estimation of housing investment requirements.
7. Estimation of public service and facilities requirements to support state government, other public and private economic development, and the residential population over the period.

These would include investments for roads, schools, public health and welfare, public safety, water and sewer, parks and recreation, airports, port, etc.

8. Identification of methods of financing for the infrastructure, and the levels of government (state, federal, local) responsible for each facility type.

9. A detailed study to establish a basis of facts sufficient to make costs of growth in Juneau comparable in every way to the cost of the new capital in Willow.

10. Presentations of conclusions to the Commission and/or legislature and preparation of a report.

Cooperation of City and Borough of Juneau officials has been enlisted and current city-sponsored investigations on public facilities requirements for a population of 30,000 will be utilized in the investigation. Results should be of particular value both to Juneau officials and to the state administration regardless of the outcome of capital move decisions.

(B) Budget

Principal	150 hrs. @ \$30	= \$ 4,500
Senior	230 hrs. @ \$20	= 4,600
Professional 1	75 hrs. @ \$15	= 1,125
Professional 2	<u>50 hrs. @ \$ 8</u>	= <u>400</u>
	405 hrs.	\$ 10,625
Overhead at 126%		<u>\$ 13,387</u>
		\$ 24,012
Fee at 10%		<u>\$ 2,401</u>
		<u>26,413</u>

Expenses

Travel and Subsistence - 5 trips at \$1,000	5,000
L.D. Telephone, Reproduction, Misc.	<u>\$ 1,587</u>
	\$ 33,000
<u>Applied Economics Inc.</u>	25 hrs. @ \$40. = 1,000

<u>Sub-Contractor (Consultant)</u>	\$ 24,000
Principal, Civil Engineer 18 to 30 man days @ 8 hours/day	
Civil Engineer, Sr. Staff, Registered 18 to 30 man days @ 8 hours/day	
Civil Engineer, Staff 9 to 15 man days @ 8 hours/day	
Draftsmen 2 Draftsmen for 15 man days each @ 8 hours/day	
Clerical Assistance 6 to 10 man days @ 8 hours/day	
Incurred Expenses (Prints, Long Distance Telephone, Xerox Copying, Etc.) \$500 to \$750	
Contingencies for additional travel and expenses	\$ <u>4,000</u>
TOTAL REQUEST	\$ <u><u>62,000</u></u>

CEB:RE:Sgm

STATE
of ALASKA

MEMORANDUM

TO: ☐ Ron Lind, Director
Division of Budget and Management

DATE: February 6, 1978

FILE NO:

TELEPHONE NO:

FROM: Alison Edge, Budget Analyst
Division of Budget and ManagementSUBJECT: Capital Site Planning Commission
Request for Special Appropriation

I spoke with Ron Evans, Administrative Director of the New Capital Site Selection Committee, to discuss the request submitted for a special appropriation of \$1,159,200, February 2, 1978.

The appropriation request is broken into two main parts. The first part is \$231,000 for verification of well water at the Capital Site. As soon as the Commission is given the go-ahead, the contract will be let to drill 5 test wells in predetermined locations to ascertain there will be sufficient water and water pressure to provide the new city with water. The engineers estimate being able to start drilling by March with a 12 week monitoring period after the wells have been dug. If the drilling can begin on time we should be able to have preliminary test results prior to the legislature adjourning. The financial report being submitted to the legislature includes the cost of water being provided by these wells (the cheapest alternative for providing water.)

The second part of the appropriation request is \$928,200 for data collection in preparation of the Environmental Impact Statement. The Commission's present schedule calls for completion of the total EIS data collection by 1/1/80. I have asked Ron Evans if it was possible to prioritize the projects proposed to begin with the \$928,200 funding, and what the effect would be of postponing any of this data collection. His general feeling about postponement was that there were certain required studies that will take a given amount of time to complete and any postponement will just push the completion date further down the line. However, he also said there may be some specific pieces of the data collection that could be postponed without serious delay, and he was going to check on it.

The data collection costs are at best just an estimate in terms of the time frame layout provided. The costs were broken between 7/78 - 11/78 and 12/78 - 1/80 in case the entire project was defeated by the voters in the November election. None of the data collection costs have ever been considered by the Commission as being bondable.

The financial report prepared by the Commission is at the printer's and will be mailed directly to the legislature in approximately two days. I have asked that a copy also be sent directly to our office as well as the Office of the Governor. I have also asked for a copy of the expenditure report that Mr. Evans prepares for the Commission detailing current year expenditures (including a list of contractors and what the contracts are for).

I told Mr. Evans we would be getting back to him the first part of next week with a response to their special appropriation request.

Introduced: 3/3/78
Referred: State Affairs and
Finance

1 IN THE SENATE

BY THE RULES COMMITTEE BY REQUEST
OF THE GOVERNOR (by request of the
New Capital Site Planning Commission)

2 SENATE BILL NO. 530

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation to the New
7 Capital Site Planning Commission; and providing for
8 an effective date."

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

10 * Section 1. The sum of \$1,221,200 is appropriated from the general
11 fund to the New Capital Site Planning Commission, to be allocated as follows:

12 Drill test wells to determine if sufficient
13 ground water exists to provide the new capital
14 city with water \$231,000

15 Initiate the first steps of the data collection
16 process necessary for preparation of the Environ-
17 mental Impact Assessment and Statement 928,200

18 Analysis of the impact on Juneau and on state
19 financial resources of retaining the capital in
20 Juneau 62,000

21 * Sec. 2. This appropriation is for more than one year and does not
22 lapse at the end of this fiscal year, under AS 37.25.010.

23 * Sec. 3. This Act takes effect immediately in accordance with AS 01.-
24 10.070(c).

CAPITAL SITE PLANNING COMMISSION

March 8, 1978

310 'K' Street
Suite 708
Anchorage, Ak. 99501
(907) 276-3003

Cathy

Senator John Sackett
Chairman, Senate Finance Committee
Pouch V
Juneau, Alaska 99811

Dear Senator Sackett:

This Commission has requested a special appropriation to allow for immediate implementation of an environmental impact assessment and well-water availability studies at the proposed new capital site, and we have requested new authorization and a special appropriation to allow the Commission to quickly pursue a study of the financial implications of the possibility of leaving the capital in Juneau. These requests are embodied in SB 530.

An early start is important for each of these studies. The "no-move" study would provide a solid basis of comparison with the Willow plan for consideration and debate in the Legislature, hopefully prior to adjournment, and would give the voters comparative information for their consideration in relation to any bond issue on the ballot in the Fall. It is also very important that environmental impact assessment work begin as quickly as possible since this work will require a minimum of 1½ years, and the lack of such an assessment can delay the proposed 1980 beginning of the project. Present cost estimates of delay are approximately \$400,000/day or \$160,000,000/year, hence the importance of an immediate beginning of these studies.

Well-water availability studies impact the projected costs of a new capital. This is virtually the only area in which the Commission could not pin down a hard cost number. We have thus far used an estimate which lies between the extremes of best and worst numbers in our total cost estimates, but an immediate drilling and pumping program at the site would provide hard numbers, also possibly prior to the end of this legislative session, which could be reflected in a Fall bond package.

These special appropriation and authorization requests are necessary if the Commission is to pursue these studies in a timely manner. We desperately hope you and your colleagues will attempt to move this piece of legislation through your committee and through the Senate quickly, thus obviating the problems associated with delay.

Respectfully yours,

C. Behlke

Charles E. Behlke, Chairman
New Capital Site Planning Commission

CEB:hec

cc: Mr. Hoppenfeld

COMMITTEE REPORT

SENATE

3/22/78

FURTHER: _____

Date: _____

Mr. President:

The Committee on FINANCE has had SB 530
special appropriation to New Capital Site Planning Commission

under consideration and (a majority of the committee) (the committee reports it back as follows)

- ☐ recommends it do pass ☐ recommends it do not pass
☐ recommends it do pass with attached amendment(s)
☐ recommends it be replaced with CS for _____

- and _____ ☐ new title ☐ same title
☐ AND attaches a Letter of Intent ☐ New Fiscal Note
☐ reports it back without recommendation
☐ and recommends it be referred to the _____ Committee

MEMBERS SIGNING DO PASS:

OTHER RECOMMENDATIONS:

COMMITTEE REPORT
SENATE

3/3/78

FURTHER: Finance

Date: March 21, 1978

Mr. President:

The Committee on STATE AFFAIRS has had SB 530
Special appropriation to New Capital Site Planning Commission

under consideration and (a majority of the committee) (the committee reports it back as follows)

- () recommends it do pass () recommends it do not pass
() ~~recommends it do pass~~ with attached amendment(s) as follows:
() recommends it be replaced with CS for _____

and _____ () new title () same title

- () AND attaches a Letter of Intent () New Fiscal Note

~~()~~ reports it back without ^{individual} recommendation as amended.

- () and recommends it be referred to the _____ Committee

MEMBERS SIGNING DO PASS:

OTHER RECOMMENDATIONS:

2 John Hinton DO NOT PASS
3 Brad Brad No Rec
2 Gill Ray DO NOT PASS
3 J. K. Kuttler No - Rec

1 E. P. Wilks, DO Pass if amended
Chairman

AMENDMENT

OFFERED IN THE ~~HOUSE~~ ^{HOUSE}:

BY: STATE AFFAIRS
Senator Kerttula

To: amend HOUSE BILL No. _____

SENATE BILL No. 530

PAGE: 1

LINE: _____

line 10: delete "\$1,221,200" and replace with "\$3,778,000".

lines 12 - 20: delete

insert: "Complete the data collection necessary for the
environmental impact assessment."

~~Remember following lines accordingly.~~

530
Introduced: 3/3/78
Referred: State Affairs and
Finance

BY THE RULES COMMITTEE BY REQUEST
OF THE GOVERNOR (by request of the
New Capital Site Planning Commission)

1 IN THE SENATE

2 SENATE BILL NO. 530

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

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7 Capital Site Planning Commission; and providing for
8 an effective date."

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13 ground water exists to provide the new capital
14 city with water \$231,000

15 Initiate the first steps of the data collection
16 process necessary for preparation of the Environ-
17 mental Impact Assessment and Statement 928,200

18 Analysis of the impact on Juneau and on state
19 financial resources of retaining the capital in
20 Juneau 62,000

21 * Sec. 2. This appropriation is for more than one year and does not
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23 * Sec. 3. This Act takes effect immediately in accordance with AS 01.-
24 10.070(c).

25
26
27
28
29
COMMITTEE COPY

March 3, 1978

The Honorable John L. Rader
President of the Senate
Alaska State Legislature
Juneau, Alaska 99811

Dear Mr. President:

Under the authority of art. III, sec. 18 of the Alaska Constitution, and in accordance with AS 24.30.060(b) and the Uniform Rules of the Alaska State Legislature, I am transmitting a bill making a special appropriation to the New Capital Site Planning Commission. This appropriation provides for:

1) \$231,000 to drill test wells to determine if sufficient ground water exists to provide the new capital city with water;

2) \$928,200 to initiate the first steps of the data collection process necessary for preparation of the Environmental Impact Assessment and Statement; and

3) \$62,000 for analysis of the impact on Juneau and on state financial resources of retaining the capital in Juneau.

This measure is being requested by the New Capital Site Planning Commission. I believe that it is necessary to place this measure before you for your consideration. Fiscal information is attached.

Sincerely,

S. S. H.

Jay S. Hammond
Governor

STATE
of ALASKA

MEMORANDUM

TO: [Ron Lind, Director
Division of Budget and Management

DATE: February 6, 1978

FILE NO:

TELEPHONE NO:

FROM: Alison Elgee, Budget Analyst
Division of Budget and ManagementSUBJECT: Capital Site Planning Commission
Request for Special Appropriation

I spoke with Ron Evans, Administrative Director of the New Capital Site Selection Committee, to discuss the request submitted for a special appropriation of \$1,159,200, February 2, 1978.

The appropriation request is broken into two main parts. The first part is \$231,000 for verification of well water at the Capital Site. As soon as the Commission is given the go-ahead, the contract will be let to drill 5 test wells in predetermined locations to ascertain there will be sufficient water and water pressure to provide the new city with water. The engineers estimate being able to start drilling by March with a 12 week monitoring period after the wells have been dug. If the drilling can begin on time we should be able to have preliminary test results prior to the legislature adjourning. The financial report being submitted to the legislature includes the cost of water being provided by these wells (the cheapest alternative for providing water.)

The second part of the appropriation request is \$928,200 for data collection in preparation of the Environmental Impact Statement. The Commission's present schedule calls for completion of the total EIS data collection by 1/1/80. I have asked Ron Evans if it was possible to prioritize the projects proposed to begin with the \$928,200 funding, and what the effect would be of postponing any of this data collection. His general feeling about postponement was that there were certain required studies that will take a given amount of time to complete and any postponement will just push the completion date further down the line. However, he also said there may be some specific pieces of the data collection that could be postponed without serious delay, and he was going to check on it.

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I told Mr. Evans we would be getting back to him the first part of next week with a response to their special appropriation request.

MEMORANDUM

TO

Jay S. Hammond
Governor

DATE

January 27, 1978

FILE NO:

Thru: Michael C. Harper
Administrative Assistant
Office of the Governor

TELEPHONE NO:

FROM:

SUBJECT:

Charles E. Behlke *C.E.B.*
Chairman
New Capital Site Planning Commission

and
Ron Evans *R.E.*
Administrative Director
New Capital Site Planning Commission

SUBJECT: FY78 Special Appropriation Request

The Capital Site Planning Commission, in the course of completing its "recommended financial plan" and "specific development plan" as mandated under A.S. 44.06.230(f) and (j), has identified two critical next steps in the planning process which impinge on the State's ability to carry the proposed plans through to the construction phase within the required time frame.

Data collection and analyses needed to complete these "next steps" dictate that the Commission submit a request for a Special Budget Appropriation of \$1.2 million to cover work to be accomplished during the remaining months of FY78 (March-June), since no funding was included in the general appropriation bill to handle this undertaking.

The two steps (projects) are as follows:

(A) Source Verification of Well Water

The Commission's engineering investigations reveal that there are four alternate potable water sources for the New City:

1. Deep wells (14) capable of producing 350 gallons per minute together with two 1-million gallon capacity storage tanks.
2. Diversion of water from Willow Creek to Twelve-Mile Lake or storage tanks on site, including treatment facilities, pumps, etc.

3. Pumping of water from confluence of Willow Creek and Susitna River, including gallery system and sediment removal facilities.
4. Impoundment of Deception Creek augmented by water pumped from Willow Creek.

The estimated cost of these development alternatives ranges from \$2.8 million for deep wells to \$32 million for impoundment.

While existing data would seem to indicate the probability of sufficient existing ground water to proceed with alternative #1 above, this source is not verifiable without actual field testing. Therefore, in order to insure that the proper amount of funding for this component has been included in the financing plan, test wells must be drilled.

A special appropriation of \$231,000 is required to (1) prepare surface analyses and (2) drill five 300-foot wells at specific locations near the townsite. (See attachment A for detailed breakdown.)

In the event that this work is postponed until after the November 1978 bond election, the cost figures used in the financing plan could prove to be inadequate. Further, the exploration costs could climb to as much as 30% higher than the amount requested here due to the difficulties presented by drilling during the winter months.

(B) Environmental Analyses Data Collection

The Commission has determined that construction on the New City cannot begin until the spring of 1980, with initial occupancy currently slated for the summer of 1982. These dates are indeed optimistic, but possible.

The critical element in the network of events which must precede occupancy is the preparation of an Environmental Impact Assessment and Statement, which must be reviewed and approved by appropriate State and Federal agencies. We believe that a minimum period of eighteen months for data collection, evaluation, statement preparation, review and approval will be needed. This means that work must commence immediately (no later than May 1978) in order that it be completed in early 1980.

During this period, detailed planning would have to proceed on the assumption of approval or minor adaptations in order that construction might begin in the spring of

1980. This is an admittedly ambitious schedule dependent upon cooperative agencies, skilled technicians and the availability of a minimum of one year's field data in key areas of concern, such as air and water quality and biological effects.

In order to meet this requirement, a "crash" program of data collection must begin immediately. Data must be collected in sufficient quantities and in a manner acceptable to reviewing agencies. In order to accomplish this, field stations must be in place by May of 1978.

Work completed to date has been sufficient only to identify issues and to direct plans in an environmentally sound manner for subsequent detailed study and re-evaluation as necessary in the actual development planning which must precede construction.

A special appropriation of \$928,200 is required to initiate and continue the above data collection during the period March 1 through June 30, 1978. (See attachment B for detailed breakdown.) The total cost of EIS data collection, report preparation and approval is estimated to be \$4.52 million (i.e., \$928,200 for FY78; \$1,049,000 to cover FY79 period July 1, 1978 through November 30, 1978; \$2,546,900 commencing after the November election to complete EIS process by January of 1980).

Failure to begin this data collection and analysis now will inevitably delay approvals and construction. The ability to open facilities in the New Capital City by 1982 rests on this critical process.

SOURCE VERIFICATION OF WELL WATER

Surface Investigation

Personnel and Expenses	
Two man-weeks	\$ 4,000.00
Pre-test well analytic model	10,000.00

Drilling Program

Drill, crew and Expenses	
2 holes 6 inches in diameter	
Depth 300 ft.	
Cost \$120 per ft.	72,000.00

Drill, crew and Expenses	
3 holes 4 inches in diameter	
Depth 300 ft.	
Cost \$111 per ft.	100,000.00

Monitoring Drilling Analysis	
and preparation of final report	
Personnel and Expenses	
12 man-weeks	24,000.00

Contingencies	10 percent	<u>21,000.00</u>
---------------	------------	------------------

ESTIMATED TOTAL	\$231,000.00
-----------------	--------------

PROCEDURE FOR PREPARATION OF ENVIRONMENTAL IMPACT STATEMENTS

Environmental impact statements (EIS) are a requirement of the Federal government and are mandated by the National Environmental Policy Act, PL91-190, January 1, 1970. These documents are required for all major Federal actions "...significantly affecting the quality of the human environment..." Issuance of permits and grants are considered to be Federal actions. The term "major actions" are implications of thresholds of importance and impact which must be met before a statement is required. Another consideration used to determine the necessity for an EIS is the potential for controversy of the proposed Federal action.

A second type of response to NEPA is the Negative Declaration, a statement that in the opinion of the agency no significant effects on the human environment will occur and an EIS is not required.

When several Federal agencies are involved in an action or several actions occur in a localized geographical area, the Council on Environmental Quality encourages the designation of a lead agency to prepare the statement. An important responsibility of the lead agency is to insure that all aspects of Federal actions are addressed adequately in the draft document.

In most cases, the Federal agency will not collect original data; instead it relies on

available data sources or data supplied by an applicant. In cases where the applicant must supply the data, the Federal agency will participate in the data identification and collection process in an advisory role to insure that the data collection process adequately responds to the needs of the environmental analysis. The agency also monitors the progress of the data collection process and will use the final product prepared by an applicant as the source document for the preparation of the agencies EIS. In other cases the Federal agency will contract with an organization for the preparation of an environmental assessment which the agency will use to prepare an EIS.

The first EIS is the draft environmental impact statement. This document is submitted to the Council on Environmental Quality, all interested agency reviewers, both Federal and State, and the public for review and comment.

Agencies seeking review and comment must allow forty-five days for review, and should allow for extensions for up to fifteen days for extensions requested by agencies or parties. Consideration must be given to the magnitude and complexity of the statement and the extent of citizen interest in the proposed action in granting requests for additional review time.

No administrative action can be taken sooner than ninety days after the draft EIS has been submitted to the Council on Environmental Quality and circulated for comment, nor sooner than thirty days after final copies of the document incorporating all changes resulting from reviewers comments have been submitted to the Council. If the final EIS is submitted prior to the end of the ninety day period, the minimum thirty day and ninety day periods can overlap.

FEDERAL AGENCIES WHICH MAY BE PARTICIPANTS IN THE
PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT

AGENCY	ACTION
Environmental Protection Agency	Construction grant for sewage treatment facility
Economic Development Administration	Grants to Community projects
Department of Housing and Urban Development	Grants for water and sewer projects
General Services Administration	Housing loans insured by FHA
Federal Aviation Administration	Construction of new Federal building
Corps of Engineers	Airport planning and construction grants
	Permits for placement of dredged material
	Construction of sewage outfall in navigable waters
Bureau of Outdoor Recreation	Grants for recreation facilities
Small Business Administration	Loans to small businesses
U. S. Coast Guard	Construction of bridges over navigable waters
Alaska Railroad	Construction of railroad spur
	Construction of rail-highway crossings
U. S. Fish & Wildlife Service	Review of actions affecting "waters of the U.S."

STATE AGENCIES WHICH WILL BE INVOLVED IN DETERMINING
DATA ACQUISITION TO SATISFY PERMIT REQUIREMENTS

Agency	Action
Department of Public Safety	Several plan check permits
Department of Commerce and Economic Development	Certificates of Public Necessity and Convenience
Department of Transportation and Public Facilities	Permits for utilities, encroachment and driveways
Department of Health and Social Services	Licenses and permits for institutional and private sector
Department of Environmental Conservation	Permits and licenses for actions that introduce potential pollutants to the environment
Department of Fish and Game	Permits for activities that affect fish and game.
Department of Natural Resources	Permits and plan reviews

ESTIMATE OF ENVIRONMENTAL ASSESSMENT COSTS

	Data Collection Period		Data Analysis and Report Preparation	Total
	Supplemental FY 1978 3/78-6/78	Partial FY 1979 7/78-11/78		
HYDROLOGY & WATER QUALITY	\$ 60,400	\$ 102,800	\$ 170,400	\$ 333,600
GEOTECHNICAL	202,600	127,600	43,600	373,800
U.S.G.S (Water Studies)		42,000	40,000	82,000
ARCHAEOLOGY		21,600	31,600	53,200
BIOLOGY				
FISH	56,000	112,000	224,000	392,000
WILDLIFE	137,200	168,800	353,300	659,300
VEGETATION	16,000	204,200		220,200
METEOROLOGY AND AIR QUALITY	300,000	60,000	130,000	490,000
AIR QUALITY MODELING (Powerplant, Airport, City)			150,000	150,000
NOISE MODELING (Airport)			10,000	10,000
PROJECT MGMT, STAFF AND OPERATIONAL EXPENSES	156,000	210,000	1,394,000	1,760,000
TOTAL	\$ 928,200	\$ 1,049,000	\$ 2,546,900	\$ 4,524,100

3:15:10

COST ANALYSIS - HYDROLOGICAL AND GEOTECHNICAL

Project Description

Project - Hydrological

1. Identify source location, types and quantities of water pollutants addressing both construction and operational phases.
2. Summarize existing water quantity and quality information, identify historical patterns, annual trends, low flow conditions, temperature patterns, icing problems for all rivers, creeks and lakes in the area.
3. Examine the natural quality and quantity of surface waters, locating seeps, springs and interflow areas.
4. Assess the impact of ground water withdrawal through the use of data acquired in the drilling and testing program, electrical resistivity traverses and computer modeling.
5. Summarize available meteorological data to determine water availability and its part in the total hydrologic regime.
6. Lake profiling and contouring, water sampling, analysis of stream flow data, observations of surface water bodies such as ice thickness measurements, breakup and freeze-up data, installation of rain gauges for analysis in the hydrologic cycle. These efforts require extensive field observations.
7. Identify travel time and routes of surface and subsurface water through the lake drainage system by the use of tracer dyes.
8. Identify water use permits and attend permits and standards meetings with State and Federal agencies.
9. Analyze quantity, quality and impacts of sanitary, storm and casual operational water discharges, of sewage systems, septic systems, erosion, subhumus flow, storm drainage, landfill leachate and waste oil disposal.
10. Conduct a study of the impact of construction and operation of the city on the physical, biological and chemical aspects of Nancy Lake.
11. Examine developmental impacts of phased development and construction schedules, assessing both short and long term impacts on water quality and surface drainage.

12. Assess the impact of planned operation activity of the city including accidents such as oil spills, the long term effects of storm water management, regional water management, icing and ice fog.

Geotechnical

13. This phase includes test drilling, resistivity surveys, field data collection necessary to prepare maps of surficial geological materials and bedrock locations. This is the field data collection effort necessary to determine land use suitability for such uses as landfills and major structures.
14. Samples collected in Project 13 will be tested to derive physical properties used in determining the suitability of geographic areas for specific land uses.
15. The products of Projects 13 and 14 will be used to prepare detailed terrain unit maps indicated suitability for various land uses.
16. A hazards analysis study will be performed to evaluate geologic hazards such as earthquakes, slope failures and permafrost, seismic analysis and determination of earthquake responses such as ground motion intensity, liquefaction, slope stability, etc.
17. Prepare a preliminary text for initial review, describing the products of the previous projects and identifying impacts in appropriate formats.
18. After review, revisions of text will be made to conform to reviewers comments.

COST ANALYSIS - U.S.G.S. WATER PROGRAM

Project	3-6/78	7-11/78	12/78-1/80	Total
1		\$42,000	\$40,000	\$82,000

Project Description

1. Install two continuous gaging stations in FY79 (after 10/78), perform miscellaneous measurements quarterly on Willow and Deception Creeks, perform selected analysis of quarterly samples and perform continuous recording of water levels in three observation wells in proposed water supply test wells.

COST ANALYSIS - ARCHAEOLOGICAL PROGRAM

Project	3-6/78	7-11/78	12/78-1/80	Total
1		\$21,600	\$31,600	\$53,200

Project Description

1. The Department of Natural Resources, Division of Parks proposes to conduct a archaeological and historical survey of the development area of the capital city site in the summer of 1978 and the capital reserve area during the summer of 1979.

COST ANALYSIS - BIOLOGICAL

Project	3-6/78	7-11/78	12/78-1/80	Total
1		\$88,000		\$88,000
2		4,000		4,000
3		4,000		4,000
4	\$8,000	60,200		68,200
5	8,000	48,000		56,000
6	10,800	2,400	\$40,800	54,000
7	36,000	24,000	115,900	175,900
8	2,200	800	3,200	6,200
9	17,600	38,400	56,000	112,000
10	40,400	77,200	64,000	181,600
11	21,000	18,000	53,800	92,800
12	2,000	2,000		4,000
13	2,400		4,800	7,200
14	4,800	6,000	14,800	25,600
15	56,000	112,000	224,000	392,000
16				
17				
Total	\$209,200	\$485,000	\$577,300	\$1,271,500

COST ANALYSIS - BIOLOGICAL

Project Description

Project

1. Preparation of a color mosaic at a scale of 1:15,840 for detailed vegetative analysis of habitat type.
2. Determination of detailed vegetative type.
3. Correlation of animal use areas and habitat types to improve knowledge of vegetative types and use.
4. Identify amount of acreage of key moose browse species, conditional and successional stages of all habitat types within a fifteen mile radius of the city.
5. Determine amount of moose habitat lost to construction and investigate methods and areas to create replacement habitat.
6. Conduct aerial surveys to determine areas used by moose at various times of the year, identify moose wintering and calving areas and correlate results with vegetation data from other projects.
7. Radio transmitter collars will be placed on 25 moose within a ten mile radius of the city center and a monitoring program will record their movements throughout the year to assist in establishing seasonal habitat preferences for specific sex and age classes.
8. Conduct aerial wolf census to determine abundance, location, movement and denning locations in and adjacent to the capital site.
9. Conduct aerial and ground reconnaissance of black and brown bear to determine habitat use, abundance, feasibility of ground snaring and tranquilizing from helicopter.
10. Capture twenty to twenty-five brown and black bears with snares and install radio transmitter collars and acquire biological data. Monitoring flights will be conducted to locate dens and critical habitat.
11. Conduct a comprehensive study of furbearers, their movements, habitat use and abundance.
12. Federal regulations require a survey to determine the presence, abundance or absence of endangered species.

13. Conduct aerial nest surveys of hawks, owls and raptors, with special emphasis placed on the areas to be modified by construction.
14. Spring, summer and fall aerial surveys will be conducted to determine presence, abundance and location of water fowl.
15. A total inventory of the fisheries resources in Willow Creek, Lilly Creek and Deception Creek drainages will be made to determine the presence and abundance of both anadromous and resident species.
16. The recreational use of fisheries resources will be assessed in Willow Creek, with major emphasis on a creek census of sport angling during July and August.
17. Preliminary measurements and evaluations of seasonal flows and instream flow needs on Willow Deception and Lilly Creeks.

COST ANALYSIS - METEOROLOGY, AIR QUALITY AND NOISE ANALYSIS

Project	3-6/78	7-11/78	12/78-1/80	Total
1	\$164,000	\$40,000	\$87,000	\$291,000
2	23,000	10,000	23,000	56,000
3	113,000	10,000	20,000	143,000
4			25,000	25,000
5			75,000	75,000
6			50,000	50,000
7			10,000	10,000
Totals	\$300,000	\$60,000	\$290,000	\$650,000

COST ANALYSIS - METEOROLOGY, AIR QUALITY AND NOISE ANALYSIS

Project Description

1. Tower (60 meter) at city site, instrumentation, maintenance and operation.
2. Tower (10 meter) installation at Houston, instrumentation, maintenance and operation, for airport analysis.
3. Tower (100 meter) on Willow Creek road, instrumentation, maintenance and operation for power plant analysis.
4. Air quality modeling - airport.
5. Air quality modeling - city.
6. Air quality modeling - power plant.
7. Noise forecast modeling - airport.

PROJECT MANAGEMENT, STAFF AND
OPERATIONAL EXPENSES

	3-6/78	7-11/78	12/78-1/80	Total
PROJ MGMT	\$120,000	\$150,000	\$390,000	\$660,000
SECRETARIAL	24,000	45,000	117,000	186,000
TECHNICAL EDITOR			120,000	120,000
TECHNICAL ILLUSTRATOR			100,000	100,000
PROFESSIONAL STAFF			600,000	600,000
OPERATIONAL EXPENSES	12,000	15,000	42,000	69,000
PRINTING			25,000	25,000
TOTAL	\$156,000	\$210,000	\$1,394,000	\$1,760,000

PROFESSIONAL STAFF

Professional staff will participate in design of the program, monitor progress and prepare final document. Their time will be allocated as follows:

25%	3/78 - 6/78
25%	7/78 - 11/78
50%	12/78 - 1/80

PROFESSIONALS

	Total - Man Mos.
Meteorology and Air Quality	4
Water-surface, subsurface, quality	4
Archaeology	2
History	2
Soils	2
Vegetation	4
Forestry	2
Fish	4
Wildlife	4
Modelling-air, noise	5
Transportation-air, roads, rail	4
Aesthetics	2
Energy	4
Mineral resources	3
Recreation	2
Sociology	4
Economics	4
Power plant engineering	4

	(Total - Man Mos.
Seismology	1
Geology - surface, subsurface	4
Soils engineer	4
Health and Social Services	4
Housing	3
Total Man Months	<u>76</u>

TO: ☐

Jay S. Hammond
Governor

DATE: February 13, 1978

FILE NO:

Thru: Michael C. Harper
Administrative Assistant
Office of the Governor

TELEPHONE NO:

FROM:

SUBJECT:

GOVERNOR'S OFFICE

Charles E. Behlke
Chairman
New Capital Site Planning Commission
and

Ron Evans
Administrative Director
New Capital Site Planning Commission

SUBJECT: FY78 Special Appropriation Request

The New Capital Site Planning Commission, in the course of completing its financial and development plans per A.S. 33.06.230 (f) and (j), has identified the need for conducting a further study to understand the full implications of a capital move.

Data collection and analyses needed to complete this study dictates that the Commission submit a request for a Special Budget Appropriation of \$62,000 to cover work to be accomplished during the remaining months of FY78 (March-June), since no funding was included in the general appropriation bill to handle this undertaking:

(A) Project Description: Analysis of the impact on Juneau and on state financial resources of retaining the capital in Juneau.

Should the capital move not take place, Commission consultants estimate that substantial additions of state office space would be required in Juneau by 1994. Population in the City and Borough would continue to grow rapidly.

As an initial assessment of cost considerations, Commission consultants have estimated construction cost only for state offices and community facilities and services utilizing indices derived for the Willow site. More definitive estimates are necessary for the legislature and the public to evaluate relative costs of state growth at Willow and Juneau. Such information will also be valuable if the Environmental Impact Statement for Willow requires full exploration of a "no-action" alternative--retention of capital functions in Juneau.

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FISCAL OFFICE

Several factors concerning Juneau's physical setting mandate more extensive evaluation to establish costs. Relatively little open area exists within the city itself. Contiguous expansion of present state facilities would thus require: considerably higher densities than the basis for cost estimation at Willow; redevelopment of property largely in private use; concentration of parking in parking structures; acquisition of land. All of these conditions could alter substantially costs based on Willow indices.

Portions of state facilities expansion could conceivably be decentralized to other locations in the Juneau region. This could affect both capital costs and the operations of state government.

Accommodation of increased population affords additional issues which have public cost, efficiency, and environmental implications. The topographic and geologic features of Juneau, and their limitations, differ considerably from Willow. These may affect both the location and density of development, and therefore, construction and land acquisition cost requirements.

This study would take place between March 15 and June 1, 1978 and would involve the following activities:

1. Discussions with the Commissioner of Administration on factors affecting centralization/decentralization of additional state facilities in Juneau.
2. Establishment of a phased program for state facility expansion over the period 1980-1994. This would also include identification of specific sites or areas for expansion, establishment of floor space densities and structure parking requirements.
3. Estimation of land acquisition and construction cost requirements for state facilities based on the program, topographic and geologic information.
4. Similar analyses for other public office and support facilities (federal and local) and for private economic development (offices, hotels, commercial, etc.) likely to locate over the period.
5. Allocation of population growth to areas within the Borough at densities related to natural features, zoning requirements and service capacities.
6. Estimation of housing investment requirements.
7. Estimation of public service and facilities requirements to support state government, other public and private economic development, and the residential population over the period.