

LEG. FINANCE - BILLS 1977 - 1978 829

HB 869 thru 870



RECORDS CERTIFICATION



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

James O. Smith
Signature of Camera Operator

2/23/90
Date

COMMITTEE REPORT

6/6/78

HOUSE

FURTHER: _____

Date: _____

Mr. Speaker:

The Committee on Finance has had HB 869
"An Act making an appropriation to the Employee Housing Revolving Fund'
effective date."

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:

Chairman

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

1 IN THE HOUSE

BY THE RULES COMMITTEE BY
REQUEST OF THE GOVERNOR

2 HOUSE BILL NO. 869

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 an appropriation to the Employee
7 Housing Revolving Fund; and providing for an effective
8 date."

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

10 * Section 1. The sum of \$100,000 is appropriated from the general fund
11 to the Employee Housing Revolving Fund, established in AS 44.21.210.

12 * Sec. 2. This Act takes effect immediately in accordance with AS 01.-
13 10.070(c).

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

THE LEGISLATURE OF THE STATE OF ALASKA
TENTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. HB 869

Title An Act relating to State Employee Housing

Requested by Representative Malone Date 3/3/78

II. FISCAL DETAIL

Agency Affected Department of Administration

Program Category Affected General Government

Budget Request Unit(s) Affected Leasing and Facilities Management

HB 869

EXPENDITURES (Thousands of Dollars)

	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES	100.0	0	0	0	0	0
700 GRANTS, CLAIMS, ETC.						
TOTAL						

FUNDING (Thousands of Dollars)

GENERAL FUND	100.0	0	0	0	0	0
FEDERAL FUNDS						
OTHER (Specify)						

POSITIONS

FULL TIME	0	0	0	0	0	0
PART TIME						
TEMPORARY						

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

Assume one time allocation of \$100.0 for FY 78. program will be handled by existing personnel in the Leasing and Facilities management unit with the housing maintenance people.

IV. DATE 3/3/78

PREPARED BY Russell Clark/Richard Bradley

AGENCY Department of Administration

PHONE 465-2293

Original: Legislative Finance

cc: Budget and Management

Prime Sponsor (First Legislator Named) (Rep. Malone)

Governor's Office (Keith Specking)

33-001 Department of Administration (R. Bradley)

R. Richard C. Bradley

OK, RCB

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

BY THE RULES COMMITTEE BY
REQUEST OF THE GOVERNOR

1 IN THE HOUSE

2 HOUSE BILL NO. 869

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 an appropriation to the Employee
7 Housing Revolving Fund; and providing for an effective
8 date."

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

10 * Section 1. The sum of \$100,000 is appropriated from the general fund
11 to the Employee Housing Revolving Fund, established in AS 44.21.210.

12 * Sec. 2. This Act takes effect immediately in accordance with AS 01.-
13 10.070(c).

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29



RECORDS CERTIFICATION



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

James O. Irish
Signature of Camera Operator

2/23/90
Date

MEMORANDUM

State of Alaska

TO: Legislative Affairs

DEPT. _____
DIV. _____
SEC. _____

DATE : March 22, 1978

FROM: *Becky*
Becky Fritz
House Finance Committee
Room 411
Ph; 3795

SUBJECT:

Enclosed please find House Finance CS for HB 370 in which lines 18, 19 and 20 are deleted, a ~~ANNE~~ section 2 is added, and the current sections 2 and 3 are changed to secs. 3 & 4. Please return to me.

*Randy
3825*

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

1 IN THE HOUSE

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

2 HOUSE BILL NO. 870

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^{1,009,200} 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- 778,200
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).

25 NEW Sec. 2. The sum of \$62,000 is appropriated from the
26 general fund to the Legislative Finance Division to fund an
27 analysis of the impact on Juneau and on state financial resources
28 of retaining the capital in Juneau.

A M E N D M E N T

OFFERED IN THE HOUSE:

By: _____

To: _____ HOUSE BILL No. 870

SENATE BILL No. _____

PAGE: 1

LINE: _____

Insert a new Section 3 to read:

"This appropriation is for more than one fiscal year and any unexpended and unencumbered balance shall lapse on June 30, 1979."

COMMITTEE REPORT

HOUSE

3/7/78

FURTHER: _____

Date: 3/1/78

Mr. Speaker:

The Committee on Finance has had HR 870
"An Act making a special appropriation to the New Capital Site Planning Commission; eff. date).

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 HR 870

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:

[Signature] DO PASS
[Signature] " " " "
[Signature] " " " "

OTHER RECOMMENDATIONS:

[Signature]
[Signature]
[Signature]

[Signature]

[Signature]

Chairman

Walker

Original sponsor: Rules Committee
by request of the Governor (by request
of the New Capital Site Planning Commission)

IN THE HOUSE

BY THE FINANCE COMMITTEE

CS FOR HOUSE BILL NO. 870

IN THE LEGISLATURE OF THE STATE OF ALASKA

TENTH LEGISLATURE - SECOND SESSION

A BILL

For an Act entitled: 'An Act making special appropriations to the New Capital Site Planning Commission and the legislative finance division; and providing for an effective date.'

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

* Section 1. The sum of \$1,009,200 is appropriated from the general fund to the New Capital Site Planning Commission, to be allocated as follows:

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

(2) Initiate the first steps of the data collection process necessary for preparation of the Environmental Impact Assessment and Statement	778,200
--	---------

* Sec. 2. The sum of \$62,000 is appropriated from the general fund to the legislative finance division to fund an analysis of the impact on Juneau and on state financial resources of retaining the capital in Juneau.

* Sec. 3. The appropriations made under secs. 1 and 2 of this Act do not lapse at the end of this fiscal year, under AS 37.25.010.

* Sec. 4. This Act takes effect immediately in accordance with AS 01.10.010(c).



Alaska State Legislature

House of Representatives

Committee on State Affairs

Pouch V
State Capitol
Juneau, Alaska 99811

Official Business

March 21, 1978


Representative Steve Cowper, Chairman
House Finance Committee

Dear Representative Cowper;

On March 6, 1978 the House State Affairs Committee acted on HB 870, which is now before your Committee. It has come to our attention that the Governor's office, on behalf of the Capital Site Planning Commission has requested, in the Senate, an additional appropriation of \$62,000 for purposes of performing an analysis of the "impact on Juneau and on state resources of conducting a split move of central government positions from Juneau."

The House State Affairs Committee feels that this study is necessary and should be authorized by the Legislature. Therefore, we offer the attached amendment to HB 870 for your consideration.

Sincerely,


Rep. Bob Bradley, Chairman
House State Affairs Committee

BB:jn

HB 870

CAPITAL SITE PLANNING COMMISSION

March 8, 1978

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

Representative Steve Cowper
House Finance Committee
Pouch V
Juneau, Alaska 99811

Dear Representative Cowper:

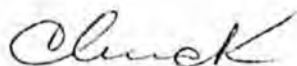
This Commission has requested a special appropriation to allow for immediate implementation of an environmental impact assessment and well-water availability studies at the proposed new capital site, and we have requested new authorization and a special appropriation to allow the Commission to quickly pursue a study of the financial implications of the possibility of leaving the capital in Juneau. These requests are embodied in HB 870.

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 House quickly, thus obviating the problems associated with delay.

Respectfully yours,



Charles E. Behlke, Chairman
New Capital Site Planning Commission

CEB:hec

cc: Mr. Hoppenfeld

HB 870

CAPITAL SITE PLANNING COMMISSION

March 8, 1978

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

Representative Steve Cowper
House Finance Committee
Pouch V
Juneau, Alaska 99811

Dear Representative Cowper:

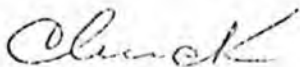
This Commission has requested a special appropriation to allow for immediate implementation of an environmental impact assessment and well-water availability studies at the proposed new capital site, and we have requested new authorization and a special appropriation to allow the Commission to quickly pursue a study of the financial implications of the possibility of leaving the capital in Juneau. These requests are embodied in HB 870.

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 House quickly, thus obviating the problems associated with delay.

Respectfully yours,



Charles E. Behlke, Chairman
New Capital Site Planning Commission

CEB:hcc

cc: Mr. Hoppenfeld

H.B. 870

CAPITAL SITE PLANNING COMMISSION

March 8, 1978

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

Representative Steve Cowper
House Finance Committee
Pouch V
Juneau, Alaska 99811

Dear Representative Cowper:

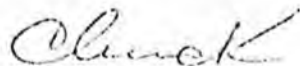
This Commission has requested a special appropriation to allow for immediate implementation of an environmental impact assessment and well-water availability studies at the proposed new capital site, and we have requested new authorization and a special appropriation to allow the Commission to quickly pursue a study of the financial implications of the possibility of leaving the capital in Juneau. These requests are embodied in HB 870.

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 House quickly, thus obviating the problems associated with delay.

Respectfully yours,



Charles E. Behlke, Chairman
New Capital Site Planning Commission

CEB:hcc

cc: Mr. Hoppenfeld

HB 870

CAPITAL SITE PLANNING COMMISSION

March 8, 1978

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

Representative Steve Cowper
House Finance Committee
Pouch V
Juneau, Alaska 99811

Dear Representative Cowper:

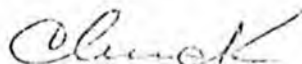
This Commission has requested a special appropriation to allow for immediate implementation of an environmental impact assessment and well-water availability studies at the proposed new capital site, and we have requested new authorization and a special appropriation to allow the Commission to quickly pursue a study of the financial implications of the possibility of leaving the capital in Juneau. These requests are embodied in HB 870.

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 House quickly, thus obviating the problems associated with delay.

Respectfully yours,



Charles E. Behlke, Chairman
New Capital Site Planning Commission

CEB:hec

cc: Mr. Hoppenfeld

7 LB 870

March 3, 1978

The Honorable Hugh Malone
Speaker of the House
Alaska State Legislature
Juneau, Alaska 99811

Dear Mr. Speaker:

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:

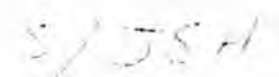
1) \$231,000 to drill test wells to determine if sufficient ground water exists to provide the new capital city with water;

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,



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 Edgee, 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.

MEMORANDUM

10

Jay S. Hammond
Governor

DATE: January 27, 1978

FILE NO:

Thru: Michael C. Harper TELEPHONE NO:
Administrative Assistant
Office of the Governor

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

3-13-78

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

Seismology

1

Geology - surface, subsurface

4

Soils engineer

4

Health and Social Services

4

Housing

3

Total Man Months

76

Total - Man Mos.

ALASKA
to: Janet ^{action} Green
MEMORANDUM

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:

FEB 14 1978
GOVERNOR'S OFFICE

Charles E. Behlke
Chairman
New Capital Site Planning Commission
and

Charles E. Behlke

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.

RECEIVED
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>
<u>Expenses</u>			
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>

CER:RE:Sgm

STATE
of ALASKA


MEMORANDUM

TO: Avrum M. Gross
Attorney General
Department of Law

DATE: February 21, 1978

FILE NO:

TELEPHONE NO:

FROM:  Ronald B. Lind, Director
Division of Budget & Management
Office of the Governor

SUBJECT: Special Appropriation for
Capital Site Planning
Commission

The Capital Site Planning Commission requests introduction of a special general fund appropriation of \$1,221,200 to be in three parts:

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.

Please draft the transmittal memo for the Governor specifying the introduction of the bill is at the request of the Capital Site Planning Commission and being forwarded by the Governor to the Legislature.

The bill should include no lapse date.

STATE
of ALASKA

MEMORANDUM

TO: Ron Lind, Director
Division of Budget and Management

DATE: February 6, 1978

FILE NO:

TELEPHONE NO:

FROM: Alison K. Lee, 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.

MEMORANDUM

10

Jay S. Hammond
Governor

DATE: January 27, 1978

FILE NO:

Thru: Michael C. Harper TELEPHONE NO:
Administrative Assistant
Office of the Governor SUBJECT:

FROM:

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 Department of Housing and Urban Development	Grants to Community projects Grants for water and sewer projects Housing loans insured by FHA
General Services Administration	Construction of new Federal building
Federal Aviation Administration	Airport planning and construction grants
Corps of Engineers	Permits for placement of dredged material
Bureau of Outdoor Recreation Small Business Administration U. S. Coast Guard	Construction of sewage outfall in navigable waters Grants for recreation facilities Loans to small businesses 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 identify 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	1,000	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>

MEMORANDUM

TO: Janet Green

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

Charles E. Behlke

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.

RECEIVED
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>
<u>Expenses</u>			
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

February 13, 1978

<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



RECORDS CERTIFICATION



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

James O. Irish
Signature of Camera Operator

2/23/90
Date

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

1 IN THE HOUSE

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

2

HOUSE BILL NO. 870

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).

25

26

27

28

29

Original sponsor: Rules Committee
by request of the Governor (by request
of the New Capital Site Planning Commission)

Offered: 3/24/78
Referred: Rules

1 IN THE HOUSE

BY THE FINANCE COMMITTEE

2 CS FOR HOUSE BILL NO. 870

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 special appropriations to the New Capital Site Planning Commission and the legislative finance division; and providing for an effective date."

7
8
9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 * Section 1. The sum of \$1,009,200 is appropriated from the general fund
11 to the New Capital Site Planning Commission, to be allocated as follows:

12 (1) Drill test wells to determine if sufficient
13 ground water exists to provide the new capital city with

14 water \$231,000

15 (2) Initiate the first steps of the data
16 collection process necessary for preparation of the

17 Environmental Impact Assessment and Statement 778,200

18 * Sec. 2. The sum of \$62,000 is appropriated from the general fund to
19 the legislative finance division to fund an analysis of the impact on Juneau
20 and on state financial resources of retaining the capital in Juneau.

21 * Sec. 3. The appropriations made under secs. 1 and 2 of this Act do not
22 lapse at the end of this fiscal year, under AS 37.25.010.

23 * Sec. 4. This Act takes effect immediately in accordance with AS 01.10.-
24 070(c).

25

26

27

28

29

#

Original sponsor: Rules Committee
by request of the Governor (by request
of the New Capital Site Planning Commission)

Offered: 3/24/78
Referred: Rules

1 IN THE HOUSE

BY THE FINANCE COMMITTEE

2 CS FOR HOUSE BILL NO. 870 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 making special appropriations to the New Capi-
7 tal Site Planning Commission and the legislative fi-
8 nance division; and providing for an effective date."

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

10 * Section 1. The sum of \$1,009,200 is appropriated from the general fund
11 to the New Capital Site Planning Commission, to be allocated as follows:

12 (1) Drill test wells to determine if sufficient
13 ground water exists to provide the new capital city with

14 water \$231,000

15 (2) Initiate the first steps of the data

16 collection process necessary for preparation of the

17 Environmental Impact Assessment and Statement 778,200

18 * Sec. 2. The sum of \$62,000 is appropriated from the general fund to
19 the legislative finance division to fund an analysis of the impact on Juneau
20 and on state financial resources of retaining the capital in Juneau. The
21 assumptions used for the analysis shall be those used in projecting growth
22 at the new capital site with relevant regard to existing facilities and
23 capabilities in the present capital.

24 * Sec. 3. The appropriations made under secs. 1 and 2 of this Act do not
25 lapse at the end of this fiscal year, under AS 37.25.010.

26 * Sec. 4. This Act takes effect immediately in accordance with AS 01.10.-
27 070(c).

28

29

#

Original sponsor: Rules Committee
by request of the Governor (by request
of the New Capital Site Planning Commission)

Offered: 4/25/78
Referred: Finance

1 IN THE HOUSE

BY THE STATE AFFAIRS COMMITTEE

2

SENATE CS FOR CS FOR HOUSE BILL NO. 870

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 special appropriations to the New Capital Site Planning Commission; and providing for an effective date."

7

8

9

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

10

* Section 1. The sum of \$840,200 is appropriated from the general fund to the New Capital Site Planning Commission, to be allocated as follows:

11

12

(1) Fund an analysis of the impact on Juneau and

13

on state financial resources of retaining the capital in

14

Juneau. The assumptions used for the analysis shall be those

15

used in projecting growth at the new capital site with

16

relevant regard to existing facilities and capabilities in

17

the present capital

\$ 62,000

18

(2) Initiate the first steps of the data collection

19

process necessary for preparation of the Environmental Impact

20

Assessment and Statement

778,200

21

* Sec. 2. The appropriation made under sec. 1 of this Act does not 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 01.10.-070(c).

25

26

27

28

29

2 LB 870

March 3, 1978

The Honorable Hugh Malone
Speaker of the House
Alaska State Legislature
Juneau, Alaska 99811

Dear Mr. Speaker:

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. J. Hammond
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 K. Lee, 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.

MEMORANDUM

10 [

Jay S. Hammond
Governor

DATE: January 27, 1978

FILE NO:

Thru: Michael C. Harper TELEPHONE NO:
Administrative Assistant
Office of the Governor

FROM:

SUBJECT:

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

and
Ron Evans *[Signature]*
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 Construction of new Federal building
Federal Aviation Administration	Airport planning and construction grants
Corps of Engineers	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."