

LEG. FINANCE - BILLS 1977 - 1978 997

SB 615 cont. thru CSSB 619

1	Field Nursing	35,000
2	Handicapped Children	20,000
3	Health Planning	11,600
4	NRMEC	
5	Department of Natural Resources	
6	Land Management Classification	15,000 *
7	District Operations - South Central	
8	District	78,900
9	State Fire Protection	32,800
10	Department of Fish and Game	
11	Game/Investigations and Research	11,900
12	Sport Fish/Investigations and	
13	Research	22,500 *
14	Department of Environmental Conservation	
15	Administration and Support	
16	Office of Commissioner	12,000
17	Management Programs	8,100
18	Terrestrial Programs	
19	Air Quality	36,100 *
20	Public Protection	
21	Department of Military Affairs	
22	Air Training Support	56,300
23	Administration of Justice	
24	Alaska Court System	
25	Administration and Support	43,400 *
26	Development	
27	Department of Commerce and Economic Development	
28	Energy and Power Development	385,900 *
29	General Government	

28 615

1 Department of Administration

2 Equal Employment Opportunity 16,400 *

3 Transportation

4 Department of Transportation and Public

5 Facilities

6 Transportation Planning 476,700 *

7 * Sec. 2. The following items are appropriated and allocated for capital
8 projects from funds other than the general fund, as set out in sec. 3 of
9 this Act, to the state agencies named and for the purposes expressed:

10 Transportation

11 Department of Transportation and Public

12 Facilities

13 Fairbanks International Airport

14 (x way seal coat) 310,000

15 Kipnuk Airport Improvements 326,600

16 Kwgillingok Airport Improvements 365,900

17 Kongiganak Airport Improvements 356,700

18 Tuntutuliak Airport Improvements 286,400

19 * Sec. 3. Appropriations made by secs. 1 and 2 of this Act are from the
20 following funding sources:

21 Funding Source	Appropriation Amounts
22 Federal Receipts	\$7,999,700
23 Program Receipts	1,713,000
24 Restricted Receipts of University	
25 of Alaska	1,149,700
26 Student Fees	1,067,200
27 Indirect Cost Recovery	238,200
28 Alaska Humanities Forum	<u>15,000</u>
	\$12,182,800

28615

1 * Sec. 4. Except for the appropriations made by sec. 2 of this Act and
2 the amounts in sec. 1 which are followed by an asterisk, which lapse upon
3 termination of funding from the federal or other program receipt source,
4 the appropriations in this Act lapse June 30, 1978.

5 * Sec. 5. This Act takes effect immediately in accordance with AS 01.-
6 10.070(c).
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SB 612-615

May 5, 1978

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

Dear Mr. President:

In accordance with the decision of the Superior Court in Kelley v. Hammond (the Budget & Audit case) and pursuant to article III, section 18, of the Alaska Constitution, I am transmitting for the legislature's consideration five measures relating to federal and other program receipts and also, in part, to transfers between, or revisions to, appropriations.

In its Statement of Decision of April 12, 1978, addressing the subject of "funds received by the other branches earmarked for specific uses and purposes," the Superior Court said:

I think the legislature has to address that by making an appropriation of monies to be received and fixing standards for their expenditure; and that this can be readily done without any great burden on the executive branch -- improper burden, that is, or by destroying flexibility. It simply is a matter of drafting the legislation in an appropriate manner. But to have an interim committee sit in veto power over the executive's administering these funds, carrying out the law with respect to their use, is beyond the power of the legislature in my view.

The measures I propose are an attempt to carry out the court's suggestion for appropriate legislation.

The first measure, which is not a bill in itself, is for presentation to the finance committees to amend the general appropriation bill now being considered for FY 79. It appropriates all federal and other program receipts for FY 79 which exceed those anticipated by the budget. This was the method used in Alaska from 1963

through 1970. (Prior to 1963, federal receipts were not appropriated.)

The second is proposed legislation to amend the Executive Budget Act (AS 37.07) to permit budget revisions in accordance with the Superior Court's ruling and in accordance with the Legislative Budget and Audit Committee's decision to seek a constitutional amendment. Unless the proposed constitutional amendment provides otherwise, under the Superior Court's ruling, it will still be necessary for the legislature to appropriate all federal and other program receipts even under this proposed legislation. We have petitioned the Supreme Court for review on this point.

The third measure ratifies, by way of an appropriation made by law, the expenditure or authorized expenditure of federal or other program receipts which were made under the existing law which the court ruled was unconstitutional.

The fourth measure appropriates federal or other program receipts for FY 78 for whatever time remains in FY 78 after the legislature adjourns which are not otherwise appropriated by the time of adjournment. This dovetails with the third and fifth measures.

The fifth and last measure is an omnibus appropriation bill which includes every federal or other program receipt which is known to exist. I will submit additional items as they become known.

As you know, it is impossible to budget unanticipated receipts and to appropriate with absolute perfection. The measures I propose take these realities into account, and, to the extent allowed by the constitution, provide for the participation of the legislative interim committee in the process.

With respect to the measure to transfer between appropriations or to make revisions to them, its enactment will facilitate program management, and, to that extent, its prompt enactment is desirable. However, there is no critical need for it to be enacted immediately.

The authority to spend receipts contained in the third and fifth items, i.e., for money already received in FY 78 or to be received during this fiscal year, is critical. The University of Alaska, the Alaska Court

System, and most executive departments have programs which are funded in whole or in significant part by federal or other program receipts. Under the Superior Court's ruling, only those receipts which have been appropriated by the legislature -- even those earmarked for specific uses or purposes -- may be expended. Accordingly, we are faced with the prospect of closing down programs, not making benefits available, and laying off employees, because the money which is, or will be, available has not been appropriated. Given the exigencies of the situation, I urge the passage of the third and fifth measures as quickly as is possible.

Sincerely,

JSH

Jay S. Hammond
Governor

ALASKA STATE LEGISLATURE

TENTH Legislature SECOND Session

SENATE BILL NO. 615

By THE RULES COMMITTEE BY REQUEST OF THE GOVERNOR

"An Act making supplemental appropriations for the operating and capital expenses of the state government; and providing for an effective date."

suppl. approp. for operating & capital expenses

Introduced in the Senate 5/31, 1910

HISTORY IN THE SENATE

19	7	Read first time and referred to Committee on Finance												
5		Reported back with recommendation that												
		Read second time and												
		Read third time and												
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		Signed by President												
		Sent to House												
SECRETARY OF THE SENATE														

HISTORY IN THE HOUSE

19		Read first time and referred to Committee on												
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		Read second time and												
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CHIEF CLERK OF THE HOUSE														

HISTORY IN THE SENATE

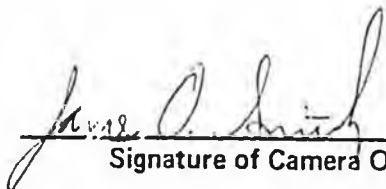
19		Received from House
		Reported correctly enrolled
		Sent to Governor
	 By Governor
		Filed with Lt. Governor
		Chapter No.



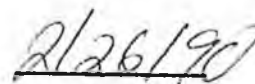
RECORDS CERTIFICATION



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Signature of Camera Operator



Date

E X P L A N A T I O N

of

CSSB 618

Incorporates everything in the Governor's Bill, HB 710.

Added the following:

Kotzebue Hatchery Development - Kotzebue Sound 5,000,000

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

OFFICE OF THE COMMISSIONER

JAY S. HAMMOND, GOVERNOR

SUPPORT BUILDING - JUNEAU 99801

May 26, 1978

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

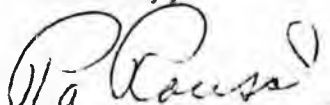
Dear Senator Sackett:

It is our understanding that there will be a discussion of the Fish and Game Bond Package Tuesday, May 30.

Prior to this meeting, we have prepared an up to date brief of relevant information pertaining to the Hatchery program. Status of Funded Fish and Game hatcheries and a synopsis of the proposed Bond facilities are included in the brief.

Furthermore, Bob Roys, the Director of F.R.E.D. will be available for testimony on Tuesday.

Sincerely,


Ronald O. Skoog
Commissioner *a.s.*

cc: W.I. Palmer, Office of the Governor
Keith Specking, Office of the Governor



**A REVIEW:
F.R.E.D. FACILITIES**

A REVIEW:

F.R.E.D. FACILITIES

Prepared by

Robert Lium
Paula Kvasnikoff
Patrica Roppel

STATE OF ALASKA
JAY HAMMOND, GOVERNOR

Department of Fish and Game
RONALD O. SKOOG, COMMISSIONER

Division of Fisheries Rehabilitation, Enhancement
and Development
ROBERT S. ROYS, DIRECTOR

MAY 1978

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introduction

This report provides background information for the proposed hatchery construction financed by the 1978 bond issue. The information includes brief descriptions of operating hatcheries, status and development schedules for 1976 bond issue hatcheries, together with goals, descriptions and estimates for the proposed 1978 bond issue hatcheries.

The following tables summarize the design capacities and anticipated returns to each Alaska Department of Fish & Game hatchery. Please note that the number of eggs, fry or smolt for which each hatchery was designed is encircled.

Table I

EXISTING ADF&G HATCHERY DESIGN CAPACITY (MILLIONS/YEAR)

Facility	Species	Egg	Fry	Smolt	Adult Returns (Thousands)	Harvest Value* (Millions)
Crystal Lake	king	0.7		0.4	12.0	1.2
	coho	2.6		1.6	160.0	1.6
Deer Mountain	king	0.16		0.1	3.0	0.3
	coho	0.24		0.15	15.0	0.15
Beaver Falls	chum		RESEARCH AND DEVELOPMENT			
Starrigavan	pink		RESEARCH AND DEVELOPMENT			
	coho		RESEARCH AND DEVELOPMENT			
	king		RESEARCH AND DEVELOPMENT			
Kitoi	pink	10.0** 10.0 (1976) 25.0 (Actual)	18.8		380.0	0.4
East Creek	sockeye	15.0	12.0		460.0	1.4
Big Lake	sockeye	10.0**				
		10.0 (1976) 20.0 (Actual)	17.0		170.0	0.9
Tutka	pink	10.0** 10.0 (1976) 20.0 (Actual)	17.0		170.0	0.3
Kasilof	sockeye	NEW CAPACITY PENDING PILOT PROGRAM RESULTS				

* Gross value to fishermen

**Original Capacity

Table II

DESIGN CAPACITY (MILLIONS/YEAR)
ADF&G HATCHERIES BEING DEVELOPED

Facility	Species	Egg	Fry	Smolt	Adult Returns (Thousands)	Harvest Value* (Millions)
Anchorage Area Hatcheries (Phase I & II)	king			0.3**		
	king	1.3		0.5 (1976)	24.0	2.4
	coho			1.2**		
	coho	6.8		3.0 (1976)	420.0	4.2
Hidden/Skilak	sockeye	35.0	30.0		300.0	1.6
Cannery Cr.	pink/chum		5.0 (1974)			
			25.0 (1976)			
		39.0	30.0		600.0	2.2
Karluk	sockeye	50.0	20.0		200.0	0.6
Russell Creek	pink/chum		10.0 (1974)			
			30.0 (1976)			
		52.0	40.0		800.0	1.7
Clear AFS	varies		RESEARCH AND DEVELOPMENT			
Klawock	coho	4.0		3.0	60.0	0.6
	chum			10.0 (1974)		
	chum	74.0		47.0 (1976)	1015.0	7.2
Hidden Falls	coho	4.0		3.0	60.0	0.6
	chum	61.0		47.0	940.0	5.9

* Gross value to fishermen

**Original Capacity

Table III
 DESIGN CAPACITY (MILLIONS/YEAR)
 PROPOSED FOR 1978 BOND

Facility	Species	Egg	Fry	Smolt	Adult Returns (Thousands)	Harvest Value* (Millions)
Snettisham	chum	71.0	55.0		990.0	6.2
	king	0.8		0.5	15.0	1.5
	coho	1.2		0.7	70.0	0.7
Main Bay	pink/chum	65.0	50.0		1000.0	2.9
Anchorage Area Hatcheries (Phase III)	king	1.6		1.0	30.0	3.0
	coho	6.5		4.0	400.0	4.0

* Annual gross value to fishermen when operating at full capacity

EXISTING ALASKA DEPARTMENT OF FISH AND GAME HATCHERIES

A description of each hatchery being operated by the Fisheries Rehabilitation, Enhancement, and Development (FRED) Division of ADF&G is presented to indicate the current status of Alaska's salmon enhancement and rehabilitation program. The Facilities used for rearing only, such as Fish Creek Estuarine Rearing Pens, Mendenhall Ponds and Halibut Cove Estuarine Rearing Pens are not included.

CRYSTAL LAKE HATCHERY

The Crystal Lake Hatchery, located in Petersburg, was completed in 1973. Heated and recycled water at the hatchery is used to produce coho and chinook salmon smolts. Steelhead and rainbow trout fingerlings are also produced. The present capacity of Crystal Lake Hatchery is between 1.5 and 2.0 million smolts depending on smolt size. More eggs can be incubated than number of smolts reared so excess eggs and fingerlings are transferred to fish rearing facilities at Fish Creek and Mendenhall Ponds. They are subsequently released at these sites to rehabilitate or enhance salmon runs.

DEER MOUNTAIN

The Federal "Local Public Works Program" provided \$680,000 to the City of Ketchikan to remodel and make additions to the existing Deer Mountain Hatchery. When completed it will be maintained and operated by FRED. This hatchery, under construction and scheduled for completion in July of this year, will provide facilities for producing approximately 300,000 coho or chinook salmon smolt annually. A fish ladder was rebuilt in Ketchikan Creek in 1977 to provide means for the returning adults to reach the hatchery and to make spawning areas available to the natural runs.

BEAVER FALLS

The Beaver Falls hatchery in Ketchikan was designed and continues to operate as an applied research station for the investigation of chum salmon aquaculture. Its capacity is limited to 6 million chum salmon fry. To provide water for the facility, the pipeline to the Beaver Falls hydroelectric project belonging to the City of Ketchikan is tapped.

STARRIGAVAN CREEK

The Starrigavan Hatchery, located near Sitka, has the capability of incubating up to 3 million salmon fry. Pink and chum fry are released in Starrigavan Creek. Chinook and coho fingerlings are transported a short distance to estuarine rearing pens where they are reared until time of release. Presently the rearing pens can handle approximately 400,000 chinook or coho smolts.

KITOI

The Kitoi Hatchery on Afognak Island has been in existence since the 1950's as a research station, but was converted in 1976 to a pink salmon production facility. Its total capacity is 20 million pink eggs. Water for this facility is delivered by gravity flow from an adjacent lake.

EAST CREEK

East Creek Hatchery is located on Lake Nunavaugaluk about 25 miles from Dillingham. Hatchery buildings were completed late in 1976. However the water intake system required substantial upgrading by the contractor in 1977. Presently the incubation system within the hatchery building is being completed. The hatchery, with a design capacity of 15 million eggs, will be in operation this year. During the past four years eggs have been incubated in in-stream incubation boxes at the headwaters of East Creek to develop the brood stock of sockeye salmon for the hatchery.

BIG LAKE

The Big Lake Hatchery, located near Wasilla, has a capacity of 10 million eggs and is used primarily to enhance sockeye salmon stocks. A well field is being developed to supplement water from nearby Meadow Creek and allow expansion to 20 million egg capacity. Economic Development Administration (EDA) funds in the amount of \$160,000 are being used to develop the well field.

TUTKA LAGOON

The Tutka Lagoon Hatchery, near Seldovia, has a capacity of 10 million pink salmon eggs. A settling tank system is presently being installed to insure satisfactory water for the hatchery. Design plans are underway to expand the facility to 20 million egg capacity.

KASILOF

The Kasilof Hatchery, near Soldotna, has a capacity of 10 million sockeye eggs. The water for use in the hatchery was originally pumped directly from Crooked Creek to the egg incubators without benefit of screening or filtration. As a result a problem with silt and organic debris in the water limited success of the operation. Presently a new water intake system is being constructed with EDA funds of \$500,000. Screens at intakes will separate debris from the water for hatchery use and filters within the hatchery will remove small particles assuring clean water for egg incubation.

Plans are presently being prepared for an adult chinook salmon holding and egg take facility adjacent to the hatchery.

ANCHORAGE AREA HATCHERIES

There are three hatcheries located in the Anchorage Area that are considered one complex called the Anchorage Area Hatcheries: Fire Lake, Fort Richardson, and Elmendorf. The majority of the egg incubation for the three facilities is handled at the Fire Lake Hatchery at this time. Plans for the Anchorage Area Hatcheries call for further expansion to 10 million smolt capacity.

Fire Lake

The Fire Lake Hatchery has an incubation capacity of 2.5 million eggs. The water at this hatchery is recycled through biological filters. In addition to salmon eggs, grayling and sheefish eggs from the Interior are incubated. Primary rearing is provided for fry before they are either planted or moved to heated rearing ponds at Ship Creek. Lack of additional water will prevent further expansion of this facility.

Fort Richardson

The cooling pond at the Fort Richardson power plant provides heated water for rearing rainbow trout, coho and chinook salmon. Approximately 500,000 smolt are reared and released from this facility each year. Rearing ponds require rebuilding. Expansion of this facility is proposed.

Elmendorf

The Elmendorf facility, completed November 1977, has the capacity to produce 1,500,000 salmon smolt annually. Waste heat from the Elmendorf Air Force Base power plant provides needed temperature control to tailor fish development and growth to program needs. The rainbow broodstocks for Alaska are held at this facility.

1976 BOND ISSUE HATCHERIES

The "1976 Fish and Game Construction Fund" provided financing for the development of several major salmon hatcheries. The current status and schedule of development for each of these hatcheries are described on the following pages. A Table illustrating the budget status of these facilities is included. Please note that bond projects such as the Russian River and Anan Creek fish passage facilities are not included.

1976 BOND PROJECT 1

- (1) Hatchery and rearing facilities to produce at least 65 million salmon fry, including 20 million coho and chinook salmon.

Cook Inlet Basin \$6,770,000

This project consists of two hatcheries: one to provide 30 million sockeye fry annually for enhancement and rehabilitation of Hidden Lake and Skilak Lake on the Kenai Penninsula and the other to produce 35 million salmon fry of which 20 million will be coho or chinook.

Hidden/Skilak

In September 1976 design work for the Hidden/Skilak hatchery was scheduled for completion by July 1977. This would have allowed construction between September 1977 and October 1978. Design work could not logically begin, however, until there was reasonable assurance that a land use permit could be obtained for the hatchery site in the Kenai National Moose Range. A water supply study was performed during April and May 1977 by R & M Consultants. All other design and construction work for this hatchery has been postponed pending the preparation of an Environmental Impact Statement (EIS) by the U.S. Department of the Interior-Fish and Wildlife Service. Facility construction will be delayed at least two years. The 1976 Bond Funds will therefore be used to develop a hatchery at Tern Lake, if satisfactory water is available.

Tern Lake

A study will begin in May 1978 to determine the quality and quantity of water available for a hatchery in the Tern Lake area on the Kenai Peninsula.

If early results from the study indicate sufficient quantities of high quality water are available, hatchery design will begin this fall for anticipated construction during 1979 and 1980.

Anchorage Area Hatcheries

Further development (Phase II) of the hatcheries at the military reservations adjacent to Ship Creek will allow production of 3.5 million smolts, equivalent to 35 million salmon fry. A detailed water availability study has been completed for the Elmendorf site by Tryck, Nyman and Hayes, consulting engineers.

The results of this water study together with the discovery of oil pollution in the surface and shallow sub-surface waters at Elmendorf indicate that extensive expansion of this facility is not desirable. The facility adjacent to the Fort Richardson power plant may, however, be reconstructed to allow a considerable increase of smolt production. The production capacity will be limited by the quantity and quality of water available. Studies beginning in June 1978 will determine the potential of this hatchery site. Phase II construction is anticipated during 1979.

1976 Bond Project 3

- | | | |
|--|----------------------------------|-------------|
| (3) Hatchery and rearing facilities
to produce 25 million salmon
fry and added lake and saltwater
rearing of coho salmon. | Prince William Sound
Whittier | \$2,970,000 |
|--|----------------------------------|-------------|

Cannery Creek Hatchery

Design of the Cannery Creek Hatchery in Unakwik Inlet, Prince William Sound is complete. The environmental impact statement for this project has just been approved (May 5, 1978). The following schedule of development is anticipated:

EIS approval-----May 1978
Construction contract award-----July 1978
Construction complete-----August 1979

The completed hatchery will produce 30 million pink or chum salmon fry. The companion project, near Whittier, will provide saltwater rearing facilities for coho and king salmon smolt from Anchorage Area Hatcheries.

1976 BOND PROJECT 4

- (4) Hatchery and rearing facilities
to produce at least 20 million
sockeye and 30 million pink/chum
fry.

Kodiak/Alaska Peninsula \$6,720,000

This project consists of a hatchery on Kodiak Island to enhance and rehabilitate the sockeye stocks of Karluk Lake and a pink/chum hatchery at Russell Creek, near Cold Bay.

Karluk Lake

Specific stocks of sockeye salmon within Karluk Lake will be rehabilitated by a combination of eyed egg plants and short term rearing of emergent fry. One million eyed eggs were planted in various feeder streams to Karluk Lake (Fall of 1977), to evaluate the effectiveness of this rehabilitation method. The following schedule is planned for development of the Karluk Lake Hatchery project.

Design complete-----June 1978
Construction Contract Award-----August 1978
Construction complete-----June 1979

Russell Creek Hatchery

The Russell Creek Hatchery has a design capacity of 40 million pink or chum salmon fry. The construction contract totaling \$3,447,000 was awarded on July 27, 1977 to Chris Berg, Inc. Excavation and grading of the site and foundations for the hatchery and maintenance buildings were completed before winter shutdown of 1977. Construction resumed in April 1978. Construction schedules will allow incubation of the 1978 brood year salmon with egg takes in August 1978. Completion of construction is scheduled for November 1978.

1976 BOND PROJECT 5

- | | | |
|--|--------------------|------------|
| (5) Hatchery and rearing facilities
to produce sheefish, grayling,
trout and salmon. | Fairbanks -
AYK | \$ 655,000 |
|--|--------------------|------------|

Clear AFS Hatchery

The Clear Air Force Station, near Fairbanks, is located in an area with excellent well water. Also, heated water, wasted from the radar power plant is available for hatchery use. A demonstration hatchery will be developed there to use the hot water effluent and well water to provide a controlled environment for the incubation and rearing of salmon, trout, grayling and sheefish. The project is in the design stage. A well field design is complete and preliminary design for the hatchery complex will be completed by June 1978. The hatchery is scheduled to begin operations during the fall of 1979.

1976 BOND PROJECT 6

- (6) Hatchery and rearing facilities
to produce at least 100 million
salmon fry in Southeastern Alaska
including coho and chinook salmon. Southeastern
Alaska \$ 7,450,000

This project consists of a 60 million fry capacity hatchery at Klawock Lake and a 50 million fry capacity hatchery at Hidden Falls.

Klawock Lake

The Klawock Lake Hatchery was designed to produce 3 million coho or king fingerlings for planting in Prince of Wales Island waterways and 57 million chum fry. The construction contract was awarded to Dawson Construction Company on August 2, 1977 for a total of \$2,845,000. Clearing and excavation work is complete. Construction is underway on the concrete building foundations. This facility is expected to be usable for incubation this fall.

Hidden Falls Hatchery

This hatchery was designed to produce 3 million coho or king salmon fingerlings as well as 47 million chum salmon fry. The construction contract was awarded to Christenson, Raber, Kief and Associates on November 10, 1977 for \$3,383,850. Sufficient funds were not available to include the planned hydro-electric plant in the contract. On site construction began in March this year and should be completed by the end of this year. Prior to completion, a brood stock will be developed. Eggs from local chum salmon will be incubated at the nearest operational facility and fry imprinted by short-term rearing at Hidden Falls Lagoon on Baranof Island.

STATUS OF 1974-76 FRED BOND PROJECTS AS OF MAY 20, 1978

Project	Location	Type	Allocation	Expended	Encumbered	Balance	Programmed	Accomplishments as of May 20, 1978
Hidden Falls	Southeastern	Hatchery	4237.0	359.2	3754.8		123.0	Construction underway
Elisnock	Southeastern	Hatchery	4196.7	698.3	2963.7		536.7	Construction underway
Asan Creek	Southeastern	Fish-pass	658.7	195.5	55.7	407.5		First Falls Pass Operational June '77
Deaver Falls	Southeastern	Adult Holding Facility	104.6				104.6	Pending Observation of adult return '78
Cannery Creek	Prince William Sound	Hatchery	3414.3	152.6	2329.0		932.7	EIS being reviewed Anticipated Construc- tion - Bid 5/25/78
Anchorage Area hatcheries	Cook Inlet	Hatchery	6437.9	2745.7	419.7		3272.5	Phase I complete, Phase II, final water investigations under- way. Anticipated con- struction completion 1979 pending final investigations.
Hidden-Skiline	Cook Inlet	Hatchery	3486.3	78.3			3408.0	Project stalled be- cause of EIS. EIA com- pleted. Shifting direction to Tern Lake as alternative. EIS underway.
Russian River	Cook Inlet	Fish-pass	575.9	9.2			566.7	Ready to bid. Project delayed by U.S. Fish & Wildlife Service. Received EIA
Fritok	Kodiak Island	Eyed-egg Hatchery	2230.1	21.3			2208.8	FFDA review completed Next phase-design. Project construction complete 1978 pending EIA acceptance.
Fraser	Kodiak Island	Fish-pass	325.9	37.3	282.0		6.6	Construction underway
Mussell Creek	Alaska Peninsula	Hatchery	5317.5	1245.1	3803.7		263.7	Construction underway
Clear AFS	Interior	Test Hatchery	926.7	16.3			910.4	Design underway. Con- struction - 1978
TOTAL			41911.6	5558.8	13608.6	407.5	12744.2	

Notes: Hidden-Skiline Encumbrances will be shifted to Tern Lake project.
 Fritok funds will be encumbered when design commences.
 Remaining Russian River funds will be encumbered when clearance is received from U.S. Wildlife Service.
 Anchorage Area Hatchery funds will be encumbered pending acceptable water analyses and commencement of design.

1978 BOND REQUEST

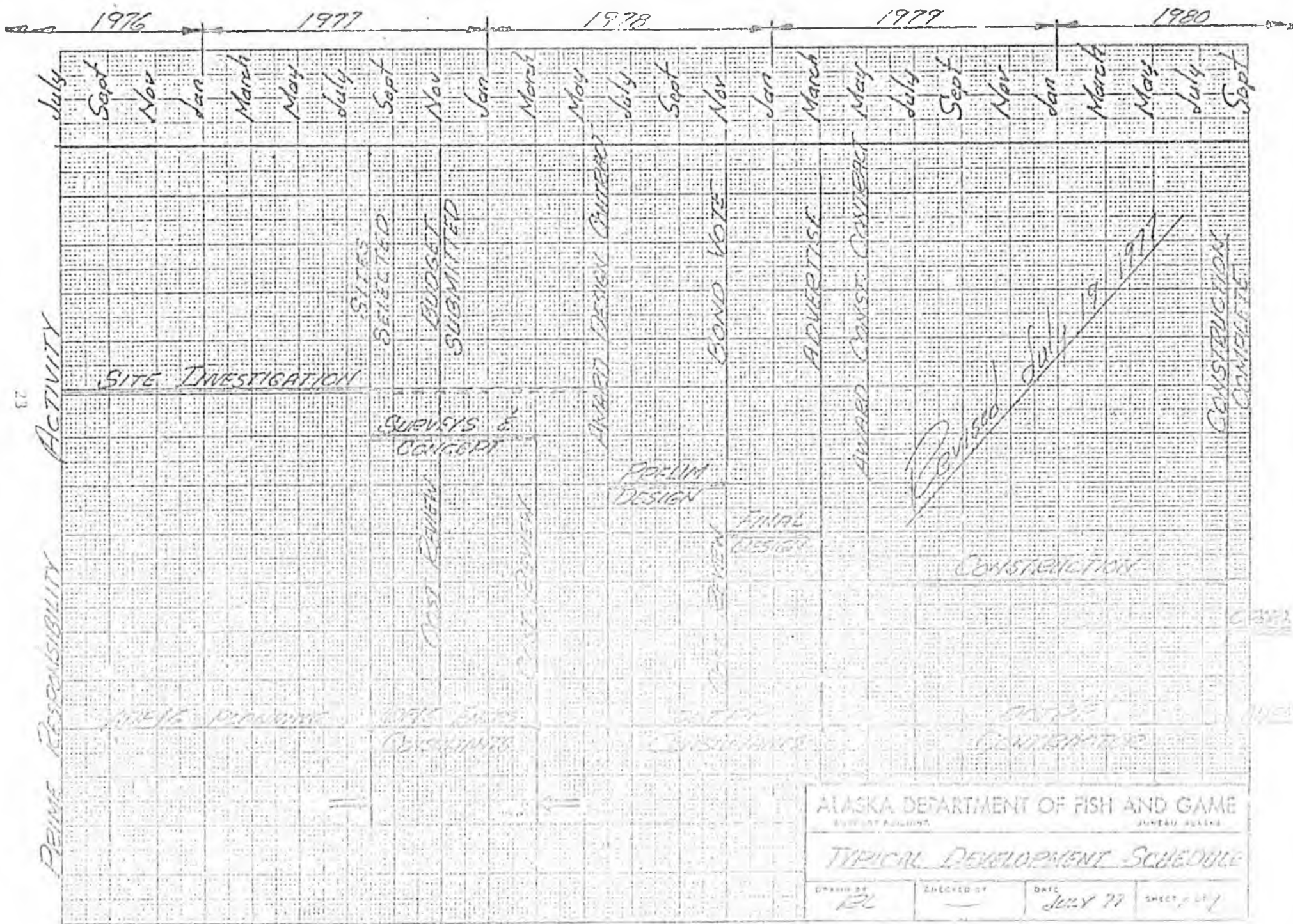
Individual sites for 1978 Bond financed hatcheries were selected for further study in August 1977. Topographic surveys, geological investigations and water studies have been performed on these sites. Operational plans, concepts and project budgets are now being prepared. See "Typical Development Schedule" on the following page for anticipated key dates of future activities on these projects.

Funding for all ADF&G and most DOTPF development activities from July 1977 through July 1978 was provided by Public Facilities' Planning Fund (PFPF), which will be repaid upon passage of the 1978 Bond Issue. Additional PFPF funds will be required to finance preliminary and final designs by consulting engineering/architectural firms from July 1978 until bond funds are available. Final design will not be authorized until bond passage in November 1978.

The proposed hatcheries summarized in the following table are described in further detail following the table.

<u>Hatchery Site</u>	<u>Region</u>	<u>Capacity in Adult Returns</u>	<u>Cost</u>
Snettisham	S.E.	1.16 million	\$5.5 million
Main Bay	PWS	1.0 million	\$8.3 million
Anchorage Area Hatcheries	Cook Inlet	0.5 million	\$6.4 million
TOTALS:		2.7 million	\$20.2 million

Development of these particular hatchery sites is in accordance with the current (provisional draft) Alaska Salmon Fisheries Plan with the following exceptions. The construction of only one hatchery in Southeastern with 1978 Bond funds results in a total of two less hatcheries than proposed by the plan. Similarly, there will be one less hatchery in Kodiak and one less hatchery in Cook Inlet than proposed by the plan. Two hatcheries on Alaska Peninsula and one in Bristol Bay called for in the Salmon Plan are also not proposed.



ALASKA DEPARTMENT OF FISH AND GAME
 DIVISION OF AQUACULTURE JUNEAU, ALASKA

TYPICAL DEVELOPMENT SCHEDULE

DRAWN BY: RL
 CHECKED BY: —
 DATE: JULY 77
 SHEET: 1 OF 1

SNETTISHAM

The Snettisham Hatchery will be designed to produce 55 million chum salmon fry and 1.2 million chinook or coho salmon smolts with the initial construction financed by 1978 bond funds. Anticipated returns are 1.10 million chum adults and 40,000 chinook or 120,000 coho adults

because of the large quantities of constant temperature, and clean water available from the tailrace of the Snettisham hydro-electric plant, this hatchery site has great potential for expansion beyond the original planned capacity of 55 million chum salmon fry and 1.2 million chinook or coho salmon smolts. This expansion will be integrated with the development of brood stock for the various salmon species.

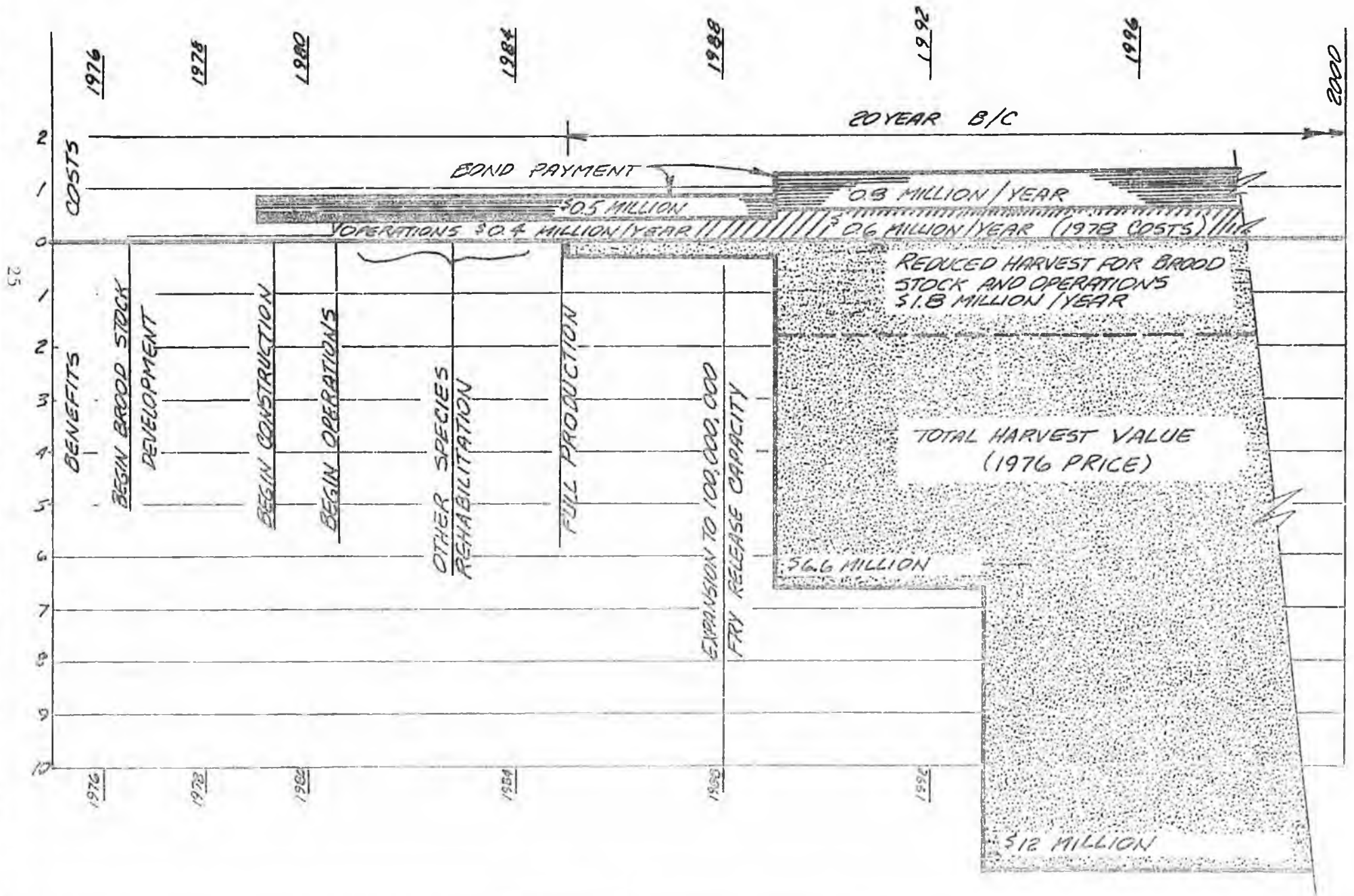
A cooperative program with the Alaska Power Administration and the U.S. Forest Service allowed the incubation and release of 19,500 short-term reared summer chum salmon in 1977, and 300,000 chum salmon in 1978. In addition, a rearing experiment to help select a chinook stock is under way utilizing 25,000 fry from native Southeastern stocks.

Initial feasibility studies for a hatchery at Snettisham began in the early 1970's. This in-house study was closely followed by a private consultant study and both studies concluded that the Snettisham site included all the major features and resources required of a hatchery.

In the mid '70's a University of Alaska graduate student, working on a doctorate thesis, compiled additional facts concerning the feasibility of operating a hatchery at this site. In 1977, ADF&G personnel compiled this information, along with facts gathered by the Corps of Engineers regarding the hydro-plant development, to provide the construction package proposed in the '78 bond issue. Actual biological tests involving chum salmon incubation are now under way which will establish a brood stock for this hatchery when it becomes operational.

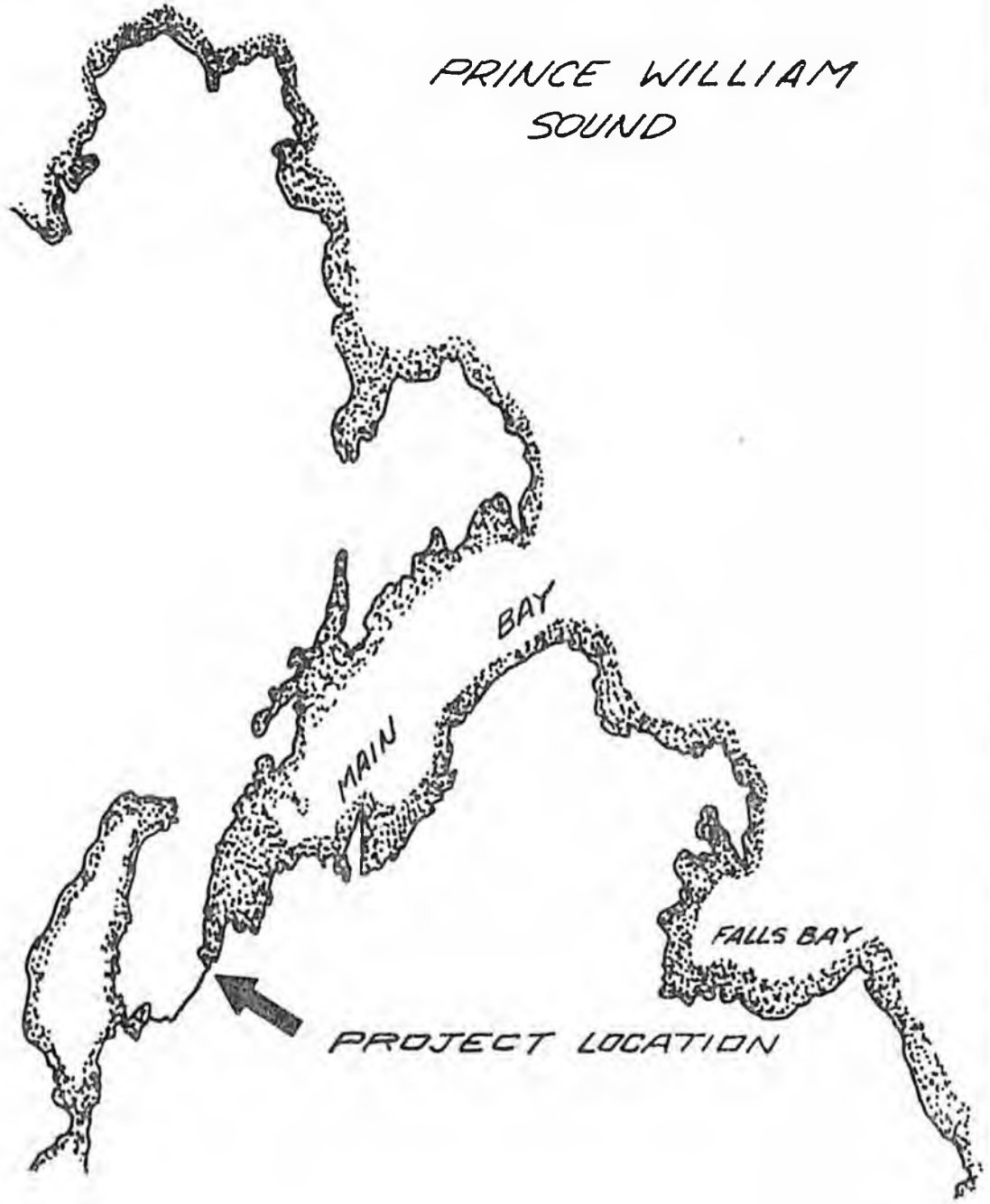
Economic studies indicate that cost per fish produced at Snettisham should be near the lowest for any State hatchery. This is true because of the advantageous logistics including a predeveloped water supply, partial site preparation, electrical supply, and proximity to Juneau.

SNETTISHAM HATCHERY
CHUM ENHANCEMENT ECONOMICS



MAIN BAY

The Main Bay Hatchery site is at the west end of Prince William Sound and within boating distance from the town of Whittier. Although excellent hatchery sites are not abundant in south central Alaska, a two year study has named Main Bay as a site that fulfills the criteria for a viable salmon enhancement facility. Site investigations ensured us of sufficient water quality and quantity to produce 50 million chum or pink fry with an anticipated annual return of one million adult salmon. Main Bay is deemed highly acceptable as a remote site because of the availability of hydroelectric potential which is present there. Discussion with the Commercial Fish Division indicates the need for additional pink and chum salmon in the area. This natural estuary provides an ideal site for rearing salmon. This rearing capability is expected to increase adult returns by a factor of 100 to 200 percent. These returns will be available to gillnet and seine fisheries prior to the time they enter the hatchery sanctuary.



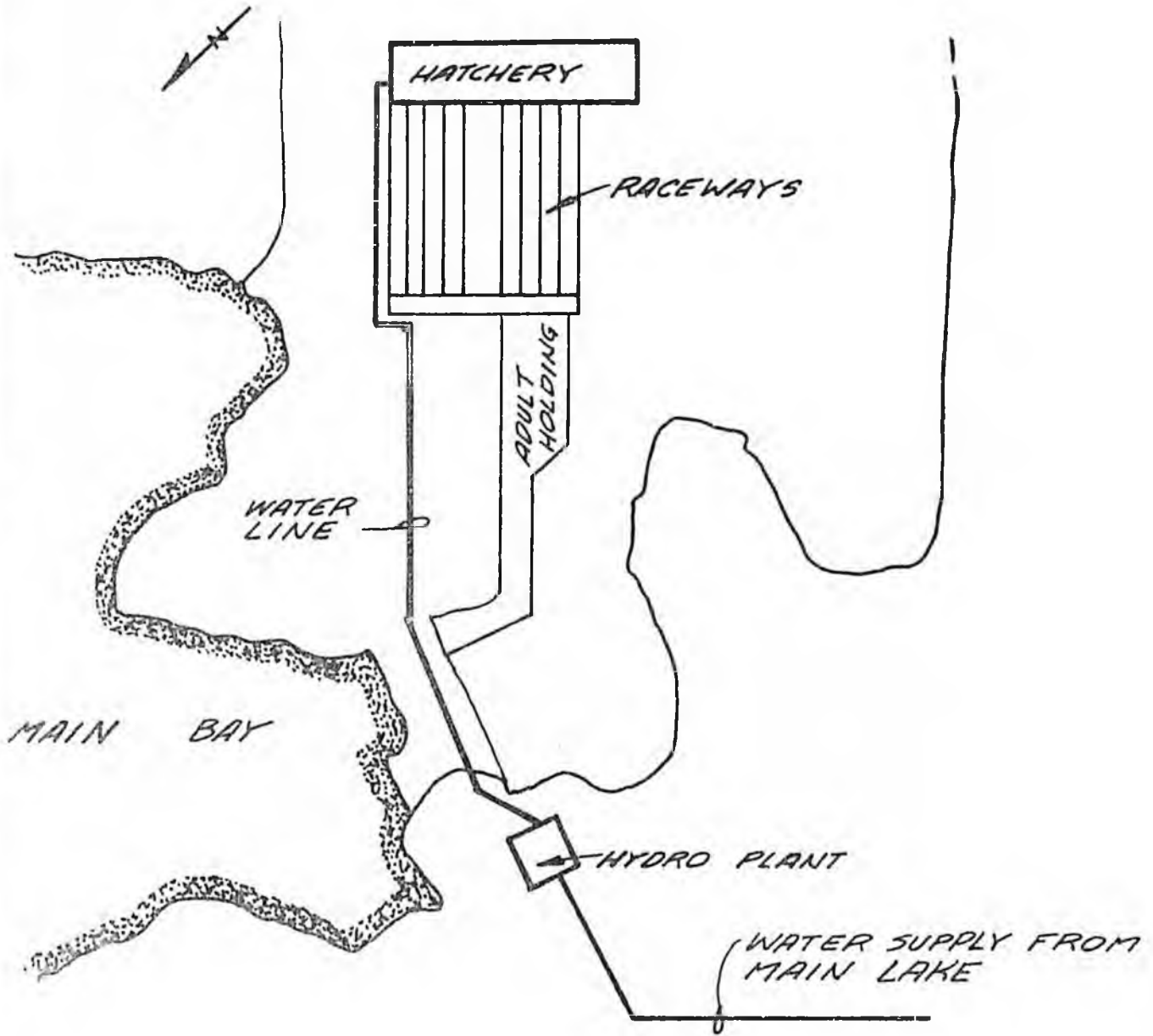
PRINCE WILLIAM
SOUND

PROJECT LOCATION

ALASKA DEPARTMENT OF FISH AND GAME
SUBPORT BUILDING JUNEAU, ALASKA

MAIN BAY HATCHERY
PROJECT LOCATION

DRAWN BY	CHECKED BY	DATE	SHEET OF
APPROVED BY		SCALE	NUMBER

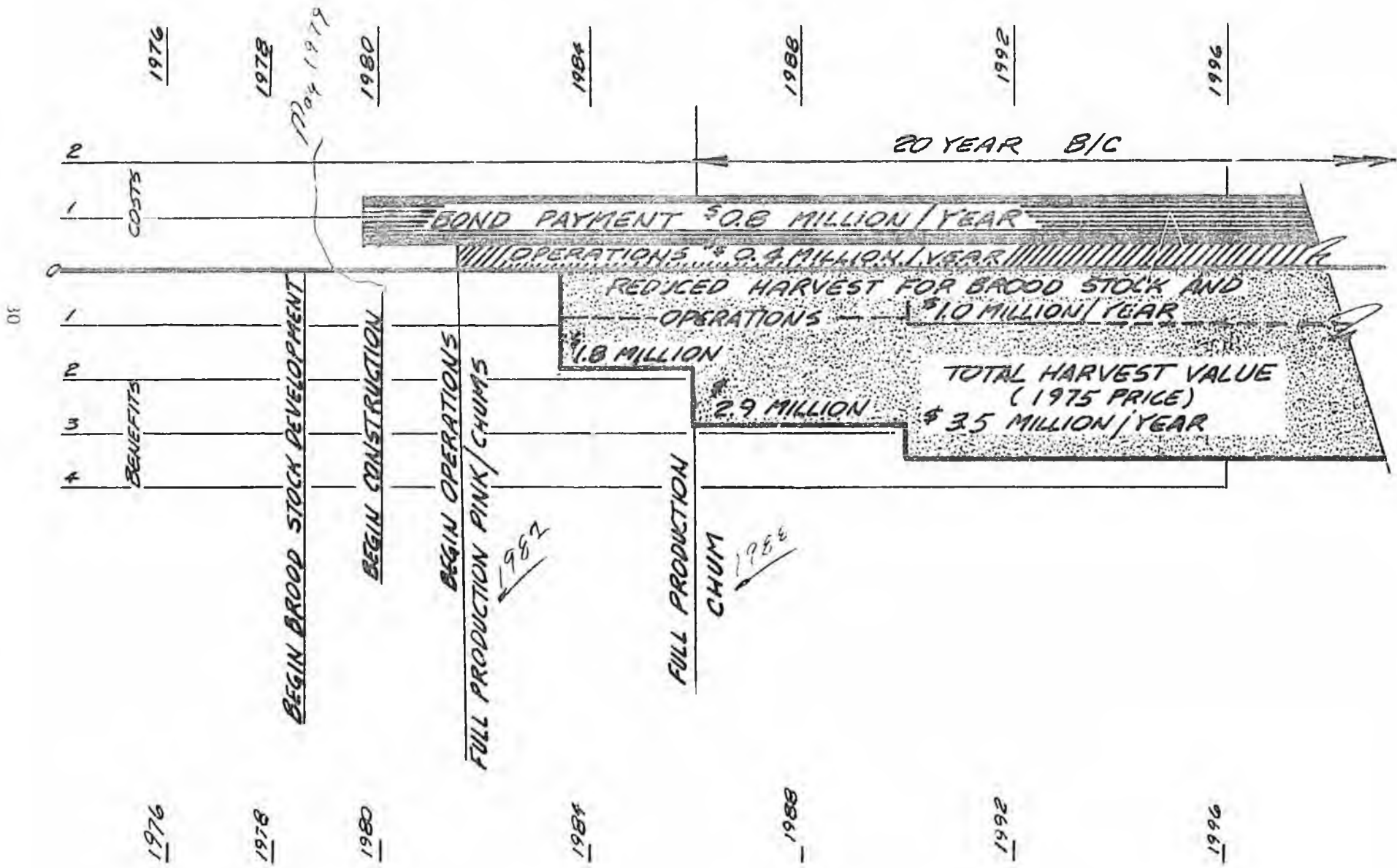


ALASKA DEPARTMENT OF FISH AND GAME
SUPPORT BUILDING JUNEAU, ALASKA

MAIN BAY HATCHERY

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APPROVED BY		SCALE	NUMBER

MAIN BAY
PINK/CHUM ENHANCEMENT ECONOMICS

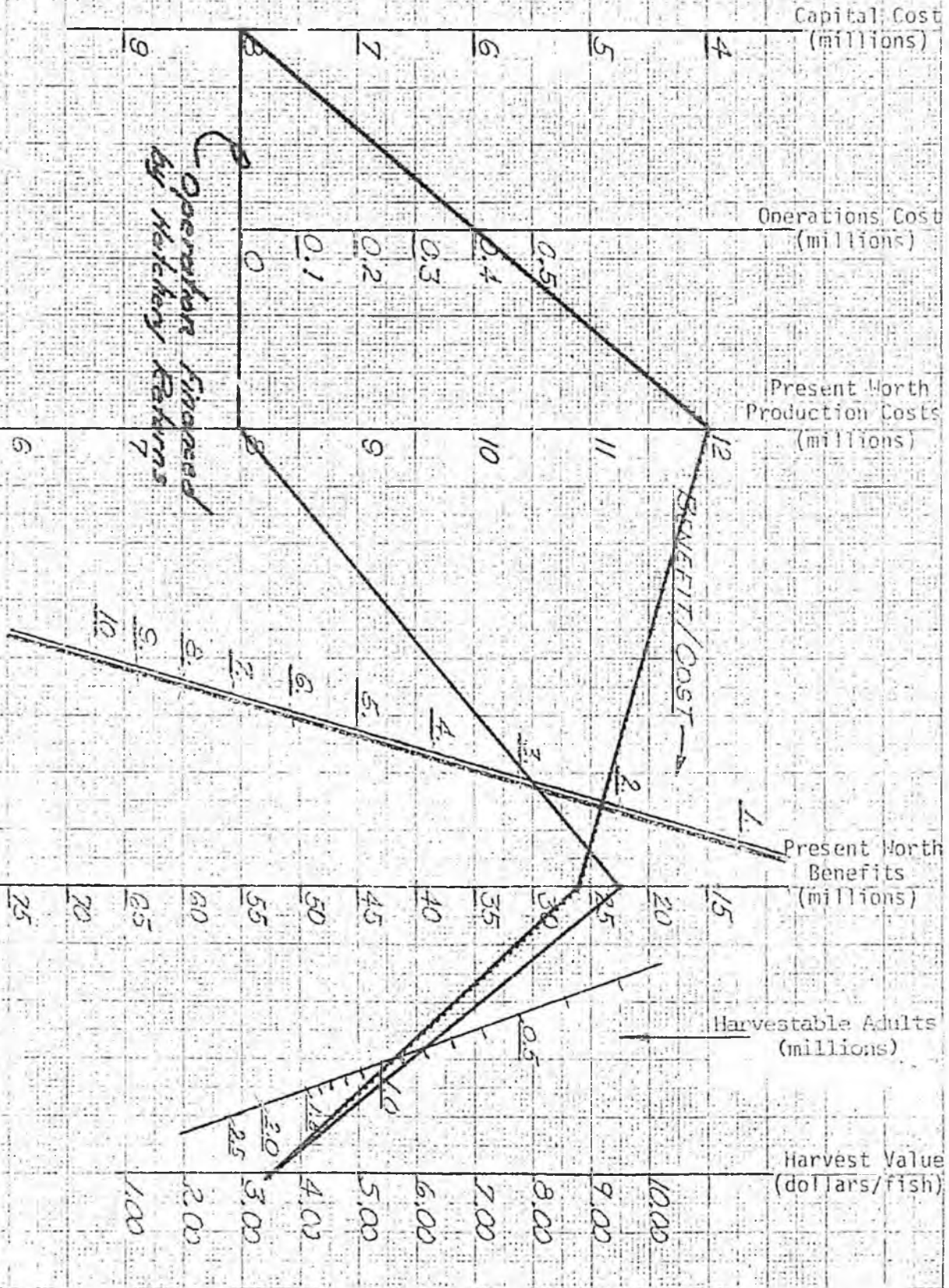


30

NO. 10 X 10 TO THE CENTIMETER 40 1510
19 X 75 CM.
HURFEL & ESKRICH CO.

NOTE: Also applicable to coho and sockeye

MAIN BAY



CHUM ENHANCEMENT BENEFIT/COSTS
INCUBATION + SHORT TERM REARING

ANCHORAGE AREA HATCHERIES PHASE III

The third phase of construction at the Anchorage Area Hatcheries (Elmendorf Air Force Base, Fort Richardson and Fire Lake Hatcheries) will allow rearing of an additional 5 million salmon smolts. Anticipated returns are 500,000 coho or 150,000 chinook adults. When this phase of the development is completed the expected 10 year sport fish salmon needs for the Cook Inlet Region will be satisfied.

With a 1 to 6 ratio of chinook to coho smolts, the anticipated benefit-cost ratio of third phase development is 5.5.

Production goals per stage of development are:

Existing Facility	1.5 million
Phase II Addition (76 Bond)	3.5 million
Phase III Addition (78 Bond Request)	5.0 million
Total Production	10.0 million smolts
Anticipated Annual Return	1.0 million coho minus chinook and trout program

Rearing of fish (salmon and trout) began at the Fort Richardson and Elmendorf Bases back in the mid 1950's when Fire Lake incubated fry were transferred to "makeshift" rearing facilities at the military bases. The rearing, using wasteheat water from the Base's heating plants, proved successful and the hatchery use of the military cooling ponds grew in a productive but haphazard fashion. In 1968 the first detailed study was made of the Ship Creek drainage system in regards to hatchery operations using "free" heated water. The '68 study recommended the construction of a hatchery complex (Ft. Richardson/Elmendorf) on Ship Creek which resulted in a \$3,000,000 hatchery project on the '74 bond issue. The '74 bond issue resulted in new facilities constructed at Elmendorf. The '76 bond issue provided funds to expand (Phase II) the new facility at Elmendorf and Phase III funds, from the planned '78 bond issue (Phase III), will expand the Anchorage Area Hatcheries even more.

Recently a potential oil pollution problem was discovered in the lower Ship Creek Drainage that will move planned development at the Elmendorf site to the upper Ship Creek area at the Ft. Richardson site, where a greater potential for fresh water exists. At Fort Richardson we have access to a deep aquifer that is utilized by the Fort Richardson Post and the City of Anchorage. Both parties have agreed to our use of the aquifer. In addition, Fort Richardson managers have agreed to our use of two existing wells which produce a total of 2,000 gallons per minute.

A PHOTO STUDY: THE DEVELOPMENT OF A SALMONID EGG

A major objective of the Fisheries Rehabilitation, Enhancement, and Development Division is to refine and line tune public artificial and semi-artificial production systems and goals so that average survivals are:

Green egg to eyed egg survival:	90%
Eyed egg to emergent fry survival:	95%
Fry to fingerling survival;	90%
Hatchery reared fingerling to smolt:	80%
Reared pre-smolts to postsmolts:	90%
Fry/fingerling lake plants to smolts:	20%
Pink/chum fry/fingerling releases to adult:	2%
Sockeye smolt production to adult:	10%
King smolt and post smolt production to adult:	3%
Coho smolt and post smolt production to adult:	10%

Based on the assumption that hatchery released and naturally produced fry survive to adults at the same rate, hatcheries are able to produce 7 - 12 times as many returning adults from the same number of eggs because the hatchery egg to fry survival is 7 - 12 times as great as naturally spawned eggs.

The following photography series illustrating the development of a salmonid egg was photographed by Bob Armstrong.



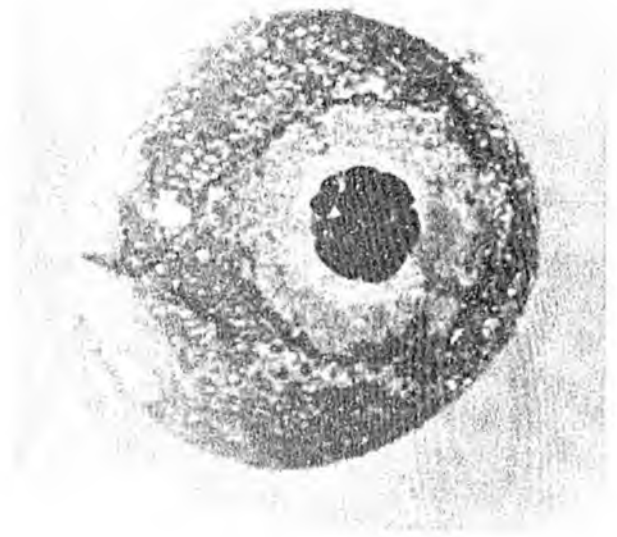
The two cell stage after the first cleavage at 12.8 hours and 47°F.



The four cell stage at 16.5 hours and 47°F.



The eight cell stage at 22.5 hours and 47°F.



The 16 cell stage at 27.5 hours and 47°F.



The 32 cell stage at 34.5 hours and 47°F.



The 64 cell stage at 40.8 hours and 47°F.



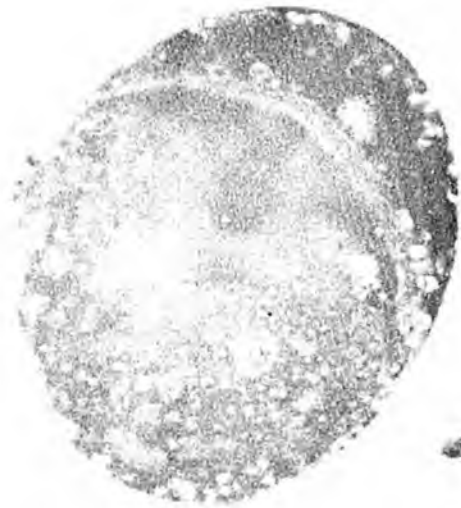
Beginning of blastoderm at 46.3 hours and 47°F. Average blastoderm diameter is 1.1 mm.



Expanded blastoderm showing involution at one edge and possibly the beginning of gastrulation at six days and 83 T.U. Average blastoderm diameter is 1.9 mm.



Beginning of germ ring at
eight days and 109 T.U.



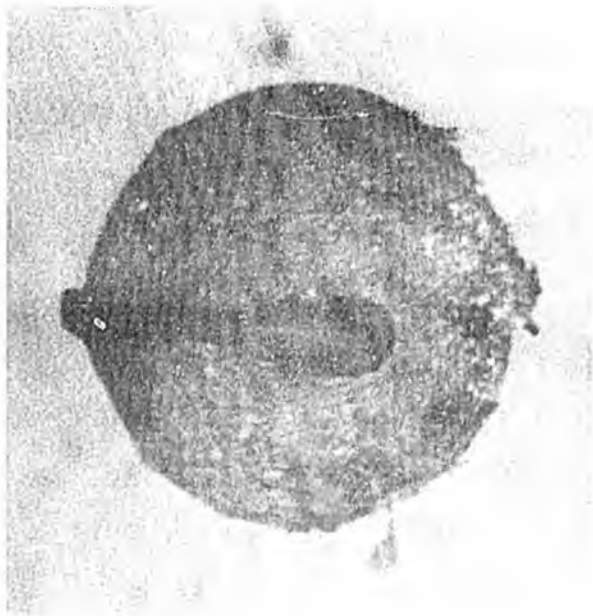
Formation of the embryonic
shield at 11 days and 148
T.U.



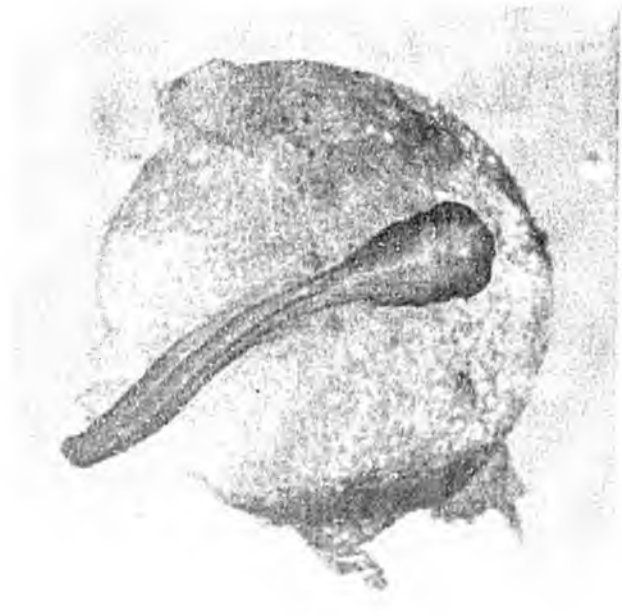
Neural keel and yolk plug
stage at 13 days and 174
T.U.



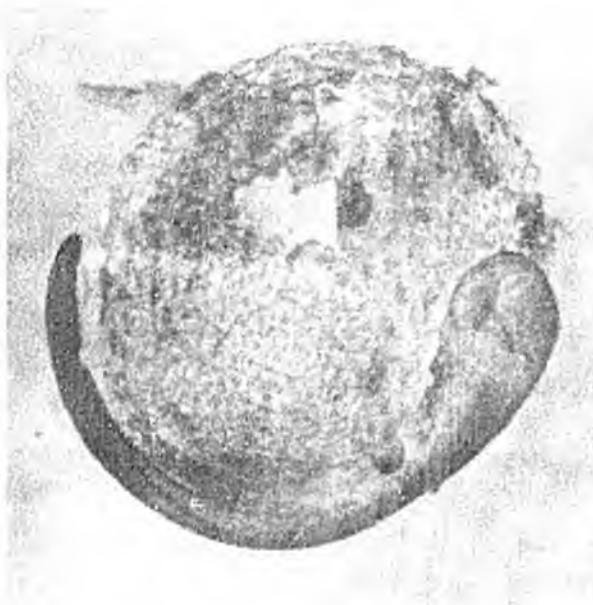
Early formation of the
optic lobes at 14 days
and 187 T.U.



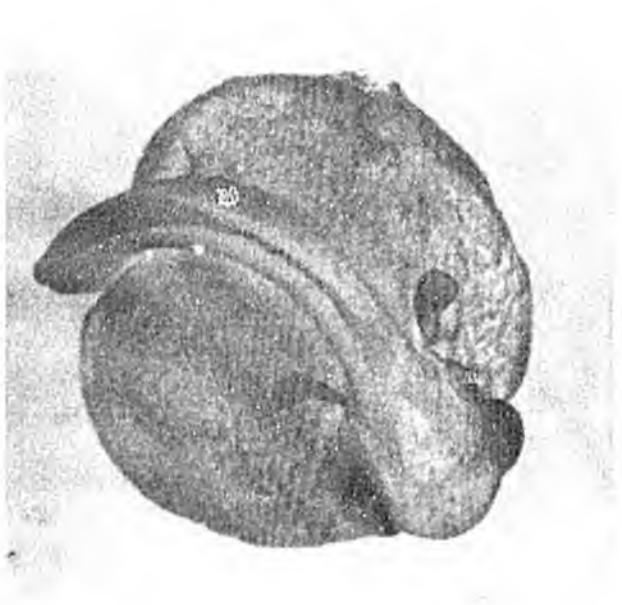
Advanced development of the neural keel and optic lobes and beginning development of body somites and brain regions of the skull at 16 days and 211 T.U.



Early formation of the pectoral fin buds at 24 days and 306 T.U. Skull development is more pronounced and the brain regions are apparent.



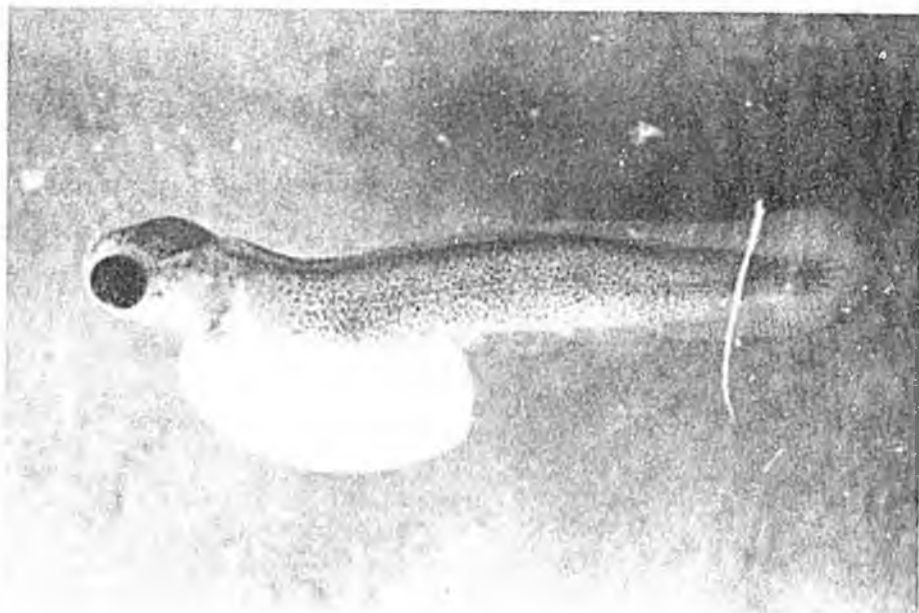
Beginning of eye pigmentation when the embryo is about 7.5 mm in total length at 37 days and 387 T.U.



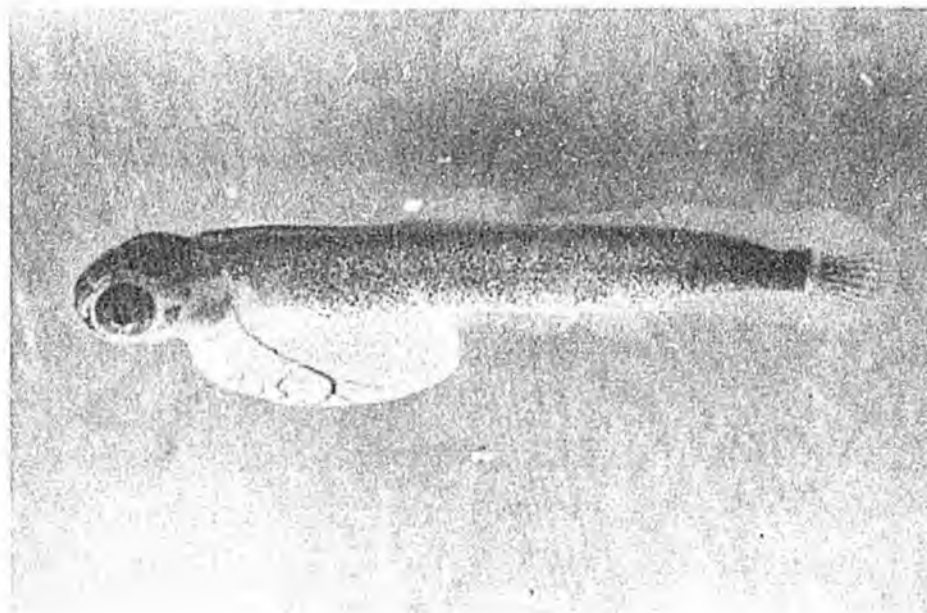
Embryo at 81 days and 497 T.U. At this stage the embryo is about 12 mm in total length and encircles about 3/4 of the yolk.



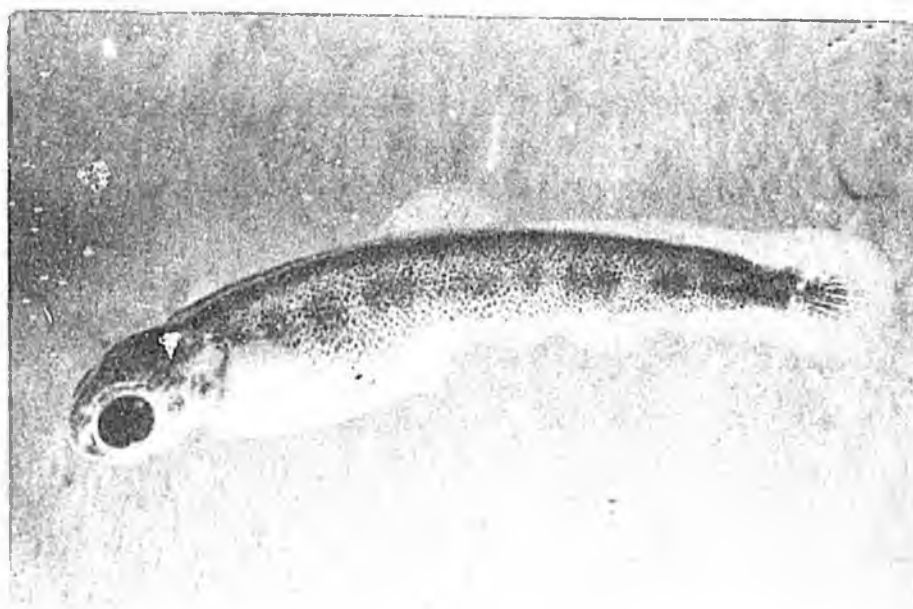
Embryo completely encircles the yolk at 108 days and 574 T.U.



Recently hatched embryo at 129 days and 675 T.U. The total length of the embryo is about 16.5 mm.



Embryo about seven days after hatching. The yolk sac is decreased in size and pigmentation is more concentrated. The embryo is now about 18.9 mm in total length.



Embryo about 18 days after completion of hatching. Parr marks are readily visible.



Fry at 65 days after hatching. Absorption of the yolk sac is nearly complete and the fins have become more distinct.

Original sponsor: Finance Committee

IN THE SENATE

BY THE FINANCE COMMITTEE

CS FOR SENATE BILL NO. 618

IN THE LEGISLATURE OF THE STATE OF ALASKA

TENTH LEGISLATURE - SECOND SESSION

A BILL

For an Act entitled: "An Act providing for the issuance of general obligation bonds in the amount of \$25,300,000 for the purpose of paying the cost of capital improvements for fisheries management and development facilities; and providing for an effective date."

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

* Section 1. For the purpose of paying the cost of capital improvements for fisheries management and development facilities, general obligation bonds of the state in the principal amount of not more than \$25,300,000 shall be issued and sold. The full faith, credit and resources of the state are pledged to the payment of the principal of and interest and redemption premium, if any, on these bonds. These bonds shall be issued under the provisions of AS 37.15 as those provisions read at the time of issuance.

* Sec. 2. If the issuance of these bonds is authorized by the qualified voters of the state, a special fund of the state to be known as the "1978 Fish Facilities Construction Fund" shall be established, to which shall be credited the proceeds of the sale of the bonds described in sec. 1 of this Act except for the accrued interest and premiums. The amount of \$25,300,000 is appropriated from the "1978 Fish Facilities Construction Fund" to the Department of Transportation and Public Facilities. The proceeds of the bonds shall be allocated as follows:

Project	Location	Amount
(1) Bristol Bay markers and bouys	Bristol Bay	\$ 350,000
(2) Dutch Harbor field station	Dutch Harbor	372,300

(3) Chignik field station and weir	Chignik	500,000
(4) Snettisham hatchery	Southeast	5,000,000
(5) Main Bay hatchery	Prince William Sound	8,000,000
(6) Ship Creek hatchery	Cook Inlet	6,000,000
(7) Kotzebue hatchery development	Kotzebue Sound	5,000,000

* Sec. 3. If the issuance of these bonds is authorized by the qualified voters of the state, the amount of \$89,000 or as much of that amount as is found necessary is appropriated from the general fund of the state to the state bond committee to carry out the provisions of this Act and to pay expenses incident to the sale and issuance of the bonds authorized in this Act. The amounts expended from the appropriation authorized by this section shall be reimbursed to the general fund from the proceeds of the sale of the bonds authorized by this Act.

* Sec. 4. The amount withdrawn from the public facility planning fund for the purpose of advance planning for the improvements financed under this Act shall be reimbursed to the fund from the proceeds of the sale of bonds authorized by this Act.

* Sec. 5. The question whether the bonds authorized in this Act are to be issued shall be submitted to the qualified voters of the state at the next general election and shall read substantially as follows:

Proposition

State General Obligation Fish Facilities Construction

Bonds \$25,300,000

Shall the State of Alaska issue its general obligation bonds in the principal amount of not more than \$25,300,000 for the purpose of paying the cost of capital improvements for fisheries management and development facilities?

Bonds Yes []

Bonds

No []

* Sec. 6. This Act takes effect immediately in accordance with AS 01.-
10.070(c).

Introduced: 5/15/78
Referred: Finance

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 SENATE BILL NO. 618

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act providing for the issuance of general obliga-
7 tion bonds in the amount of \$20,300,000 for the purpose
8 of paying the cost of capital improvements for fisheries
9 management and development facilities; and providing
10 for an effective date."

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

12 * Section 1. For the purpose of paying the cost of capital improvements
13 for fisheries management and development facilities, general obligation bonds
14 of the state in the principal amount of not more than \$20,300,000 shall be
15 issued and sold. The full faith, credit and resources of the state are
16 pledged to the payment of the principal of and interest and redemption pre-
17 mium, if any, on these bonds. These bonds shall be issued under the provi-
18 sions of AS 37.15 as those provisions read at the time of issuance.

19 * Sec. 2. If the issuance of these bonds is authorized by the qualified
20 voters of the state, a special fund of the state to be known as the "1978
21 Fish Facilities Construction Fund" shall be established, to which shall be
22 credited the proceeds of the sale of the bonds described in sec. 1 of this
23 Act except for the accrued interest and premiums. The amount of \$20,300,000
24 is appropriated from the "1978 Fish Facilities Construction Fund" to the
25 Department of Transportation and Public Facilities. The proceeds of the
26 bonds shall be allocated as follows:

27	Project	Location	Amount
28	(1) Bristol Bay markers and bouys	Bristol Bay	\$ 350,000
29	(2) Dutch Harbor field station	Dutch Harbor	372,300

1	(3) Chignik field station and weir	Chignik	500,000
2	(4) Snettisham hatchery	Southeast	5,000,000
3	(5) Main Bay hatchery	Prince William	
4		Sound	8,000,000
5	(6) Ship Creek hatchery	Cook Inlet	6,000,000

6 * Sec. 3. If the issuance of these bonds is authorized by the qualified
7 voters of the state, the amount of \$71,050 or as much of that amount as is
8 found necessary is appropriated from the general fund of the state to the
9 state bond committee to carry out the provisions of this Act and to pay ex-
10 penses incident to the sale and issuance of the bonds authorized in this Act.
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12 be reimbursed to the general fund from the proceeds of the sale of the bonds
13 authorized by this Act.

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20 general election and shall read substantially as follows:

21 Proposition

22 State General Obligation Fish Facilities Construction

23 Bonds \$20,300,000

24 Shall the State of Alaska issue its general obligation bonds in
25 the principal amount of not more than \$20,300,000 for the purpose
26 of paying the cost of capital improvements for fisheries manage-
27 ment and development facilities?

28 Bonds Yes []

29 Bonds No []

1 * Sec. 6. This Act takes effect immediately in accordance with AS 01.-
2 10.070(c).

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SB 618

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

OFFICE OF THE COMMISSIONER

JAY S. HAMMOND, GOVERNOR

SUBPORT BUILDING - JUNEAU 99801

April 20, 1978

Handwritten signature: Jay Hammond

The Honorable John C. Sackett
Alaska State Legislature
Pouch V
Juneau, Alaska 99811

Dear Senator Sackett:

The introduction of Committee Substitute for House Bill 821 by Representative Schaeffer together with your written request of April 10, 1978 resulted in the re-evaluation of hatchery development in Northwestern Alaska summarized below.

<u>Activity</u>	<u>Schedule</u>	<u>Estimated Cost</u>
1) General site investigations.	7/78 - 7/79	\$300,000-\$500,000
2) Detailed investigations of the 2 most promising sites.	8/79 - 8/80	\$450,000-\$750,000
3) Design and preparation of construction documents for two hatcheries.	9/80 - 2/81	<u>\$900,000</u>
4) Construction advertising and contract award.	3/81 - 4/81	
5) Mobilization and construction of demonstration hatcheries.	5/81 - 10/81	
6) Hatchery testing - shakedown.	10/81 - 6/82	
7) Hatchery research and production.	6/82 - ?	

The most prudent fiscal policy to follow, in programs of this nature, is to allocate only the funds necessary to accomplish steps 1 and 2 (site investigations). The remaining funding for steps 3 through 5 concerns final design and construction and these costs cannot be predicted with any degree of accuracy until a specific site has been selected.

We trust that the information summarized above will be helpful in your considerations for funding hatchery development in Northwestern Alaska.

Senator John C. Sackett

2

April 20, 1978

Please do not hesitate to call this Department if more information is desired.

Sincerely,

A handwritten signature in cursive script that reads "Ronald O. Skoog". The signature is written in dark ink and is positioned above the printed name and title.

Ronald O. Skoog
Commissioner

cc: W. I. Palmer, Office of the Governor
Keith Specking, Office of the Governor
Bob Roys, Director, F.R.E.D. Division, Department of Fish and Game

Introduced: 5/15/78
Referred: Finance

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 SENATE BILL NO. 618

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

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18 sions of AS 37.15 as those provisions read at the time of issuance.

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20 voters of the state, a special fund of the state to be known as the "1978
21 Fish Facilities Construction Fund" shall be established, to which shall be
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2	(4) Snettisham hatchery	Southeast	5,000,000
3	(5) Main Bay hatchery	Prince William	
4		Sound	8,000,000
5	(6) Ship Creek hatchery	Cook Inlet	6,000,000

6 * Sec. 3. If the issuance of these bonds is authorized by the qualified
7 voters of the state, the amount of \$71,050 or as much of that amount as is
8 found necessary is appropriated from the general fund of the state to the
9 state bond committee to carry out the provisions of this Act and to pay ex-
10 penses incident to the sale and issuance of the bonds authorized in this Act.
11 The amounts expended from the appropriation authorized by this section shall
12 be reimbursed to the general fund from the proceeds of the sale of the bonds
13 authorized by this Act.

14 * Sec. 4. The amount withdrawn from the public facility planning fund for
15 the purpose of advance planning for the improvements financed under this Act
16 shall be reimbursed to the fund from the proceeds of the sale of bonds
17 authorized by this Act.

18 * Sec. 5. The question whether the bonds authorized in this Act are to be
19 issued shall be submitted to the qualified voters of the state at the next
20 general election and shall read substantially as follows:

21 Proposition

22 State General Obligation Fish Facilities Construction

23 Bonds \$20,300,000

24 Shall the State of Alaska issue its general obligation bonds in
25 the principal amount of not more than \$20,300,000 for the purpose
26 of paying the cost of capital improvements for fisheries manage-
27 ment and development facilities?

28 Bonds Yes []

29 Bonds No []

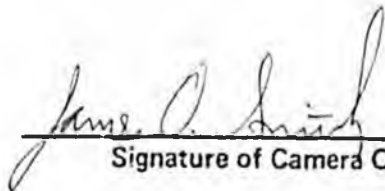
1 * Sec. 6. This Act takes effect immediately in accordance with AS 01.-
2 10.070(c).
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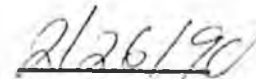
RECORDS CERTIFICATION



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



Signature of Camera Operator



Date

PROPOSED AMMENDMENTS
CS FOR HOUSE BILL NO. 712

(16)	Whittier	Playground	\$10,000
(17)	Seward	Bikepath	\$15,000
(18)	Valdez	Community Recreation Park & Playground & Track	\$250,000
(19)	Kodiak	Wayside ^{Chinik} Chinake Highway	\$25,000
(20)	Kodiak	Boat Ramp Anton Larson Bay	\$ 60,000
(21)	Delta	Footpaths & Street Lights	\$ 10,000
(22)	Fairbanks	Upgrading toilet facilities at fair grounds	\$100,000
(23)	Delta	Bikepath to Ft. Greely	\$125,000
(24)	Delta	Soil erosion	\$50,000
(25)	Wrangell	Transient Seaplane Base	\$500,000
(26)	Palmer	Upgrading toilet facilities at fair grounds	\$100,000

On line 25 after the word Bond Delete \$3,848,000 and insert
\$ 5,095.800

On line 27 after the word than Delete \$3,848,000 and insert
\$ 5,095.800

COMMITTEE REPORT

HOUSE

612173

FURTHER: _____

Date: _____

Mr. Speaker:

The Committee on FINANCE has had CS88 519
"An Act providing for the issuance of g.o. bonds in the amount of \$8,215,000
for the purpose of paying the cost of capital improvements to parks,
waysides, trails, footpaths, and other recreational facilities; 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 _____

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

Original sponsor: Finance Committee

IN THE SENATE

BY THE FINANCE COMMITTEE

HOUSE CS FOR CS FOR SENATE BILL NO. 619

IN THE LEGISLATURE OF THE STATE OF ALASKA

TENTH LEGISLATURE - SECOND SESSION

A BILL

For an Act entitled: "An Act providing for the issuance of general obligation bonds in the amount of \$3,775,000 for the purpose of paying the cost of capital improvements to parks, waysides, trails, footpaths, and other recreational facilities; and providing for an effective date."

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

* Section 1. For the purpose of paying the cost of capital improvements to parks, waysides, trails, footpaths, and other recreational facilities, general obligation bonds of the state in the principal amount of not more than \$3,775,000 shall be issued and sold. The full faith, credit and resources of the state are pledged to the payment of the principal of and interest and redemption premium, if any, on these bonds. These bonds shall be issued under the provisions of AS 37.15 as those provisions read at the time of issuance.

* Sec. 2. If the issuance of these bonds is authorized by the qualified voters of the state, a special fund of the state to be known as the "1978 Parks Construction Fund" shall be established, to which shall be credited the proceeds of the sale of the bonds described in sec. 1 of this Act except for the accrued interest and premiums. The amount of \$3,775,000 is appropriated from the "1978 Parks Construction Fund" to the Department of Transportation and Public Facilities. The proceeds of these bonds shall be allocated as follows:

Project	Location	Amount
(1) Chena River recreation area	Fairbanks	\$ 277,600

(2)	Bicycle trails and footpaths	Statewide	500,000
(3)	Totem Bight Historic Park	Ketchikan	160,300
(4)	Highway roadsides	Copper Basin area	403,400
(5)	Anchor River wayside	Kenai Peninsula	100,000
(6)	Moose Creek wayside	Matanuska-Susitna area	360,000
(7)	Matanuska Glacier wayside	Matanuska-Susitna area	117,000
(8)	Deadman Lake wayside	Interior	230,000
(9)	Johnson Lake wayside	Kenai Peninsula	450,000
(10)	Kasilof River wayside	Kenai Peninsula	50,000
(11)	Willow Creek wayside	Matanuska-Susitna area	504,900
(12)	Quartz Lake development	Delta Junction	411,800
(13)	Chiniak Highway wayside	Kodiak	25,000
(14)	Anton Larson Bay boat ramp	Kodiak	60,000
(15)	Fort Greely bike path	Delta Junction	125,000

* Sec. 3. If the issuance of these bonds is authorized by the qualified voters of the state, the amount of \$13,300 or as much of that amount as is found necessary is appropriated from the general fund of the state to the state bond committee to carry out the provisions of this Act and to pay expenses incident to the sale and issuance of the bonds authorized in this Act. The amounts expended from the appropriation authorized by this section shall be reimbursed to the general fund from the proceeds of the sale of the bonds authorized by this Act.

* Sec. 4. The amount withdrawn from the public facility planning fund for the purpose of advance planning for the improvements financed under this Act shall be reimbursed to the fund from the proceeds of the sale of bonds authorized by this Act.

* Sec. 5. The question whether the bonds authorized in this Act are to be issued shall be submitted to the qualified voters of the state at the next general election and shall read substantially as follows:

Proposition

State General Obligation Parks Construction

Bonds \$3,775,000

Shall the State of Alaska issue its general obligation bonds in the principal amount of not more than \$3,775,000 for the purpose of paying the cost of capital improvements to parks, waysides, trails, footpaths, and other recreational facilities?

Bonds Yes []

Bonds No []

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

MEMORANDUM

State of Alaska

TO:

DEPT. _____

DIV. _____

SEC. _____

Vicki Wilson

DATE : June 8, 1978

FROM: Vicki Wilson

SUBJECT: HSC for CSSB 619

Please prepare House Finance Committee Substitute for CSSB 619 as per attached and return to me (Rm 411 - Ph: 3795/3796) as soon as possible.

Thanks.

3,775,000
3,775,000
3,775,000

Original sponsor: Finance Committee

Offered: 5/31/78
Referred: Rules

1 IN THE SENATE

BY THE FINANCE COMMITTEE

HOUSE CS
CS FOR SENATE BILL NO. 619

3 IN THE LEGISLATURE OF THE STATE OF ALASKA
4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act providing for the issuance of general obliga-
7 tion bonds in the amount of ^{3,775,000}~~\$6,215,000~~ for the purpose
8 of paying the cost of capital improvements to parks,
9 waysides, trails, footpaths, and other recreational
10 facilities; and providing for an effective date."

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

12 * Section 1. For the purpose of paying the cost of capital improvements
13 to parks, waysides, trails, footpaths, and other recreational facilities,
14 general obligation bonds of the state in the principal amount of not more
15 than ^{3,775,000}~~\$6,215,000~~ shall be issued and sold. The full faith, credit and re-
16 sources of the state are pledged to the payment of the principal of and
17 interest and redemption premium, if any, on these bonds. These bonds shall
18 be issued under the provisions of AS 37.15 as those provisions read at the
19 time of issuance.

20 * Sec. 2. If the issuance of these bonds is authorized by the qualified
21 voters of the state, a special fund of the state to be known as the "1978
22 Parks Construction Fund" shall be established, to which shall be credited the
23 proceeds of the sale of the bonds described in sec. 1 of this Act except for
24 the accrued interest and premiums. The amount of ^{3,775,000}~~\$6,215,000~~ is appropriated
25 from the "1978 Parks Construction Fund" to the Department of Transportation
26 and Public Facilities. The proceeds of these bonds shall be allocated as
27 follows:

28	Project	Location	Amount
29	(1) Chena River recreation area	Fairbanks	\$ 275,400

13,213

1 voters of the state, the amount of \$~~21,800~~ or as much of that amount as is
2 found necessary is appropriated from the general fund of the state to the
3 state bond committee to carry out the provisions of this Act and to pay
4 expenses incident to the sale and issuance of the bonds authorized in this
5 Act. The amounts expended from the appropriation authorized by this section
6 shall be reimbursed to the general fund from the proceeds of the sale of the
7 bonds authorized by this Act.

8 * Sec. 4. The amount withdrawn from the public facility planning fund for
9 the purpose of advance planning for the improvements financed under this Act
10 shall be reimbursed to the fund from the proceeds of the sale of bonds
11 authorized by this Act.

12 * Sec. 5. The question whether the bonds authorized in this Act are to be
13 issued shall be submitted to the qualified voters of the state at the next
14 general election and shall read substantially as follows:

15 Proposition

16 State General Obligation Parks Construction
17 Bonds ^{3,775,000}
~~\$6,215,000~~

18 Shall the State of Alaska issue its general obligation bonds
19 in the principal amount of not more than ^{3,775,000}
20 ~~\$6,215,000~~ for the
21 purpose of paying the cost of capital improvements to parks,
waysides, trails, footpaths, and other recreational facilities?

22 Bonds Yes []

23 Bonds No []

24 * Sec. 6. This Act takes effect immediately in accordance with AS 01.10.-
25 070(c).

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CORRECTION

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

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Original sponsor: Finance Committee

Offered: 5/31/78
Referred: Rules

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 House CS
CS FOR SENATE BILL NO. 619

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act providing for the issuance of general obliga-
7 tion bonds in the amount of ^{3,775,000}~~\$6,215,000~~ for the purpose
8 of paying the cost of capital improvements to parks,
9 waysides, trails, footpaths, and other recreational
10 facilities; and providing for an effective date."

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

12 * Section 1. For the purpose of paying the cost of capital improvements
13 to parks, waysides, trails, footpaths, and other recreational facilities,
14 general obligation bonds of the state in the principal amount of not more
15 than ^{3,775,000}~~\$6,215,000~~ shall be issued and sold. The full faith, credit and re-
16 sources of the state are pledged to the payment of the principal of and
17 interest and redemption premium, if any, on these bonds. These bonds shall
18 be issued under the provisions of AS 37.15 as those provisions read at the
19 time of issuance.

20 * Sec. 2. If the issuance of these bonds is authorized by the qualified
21 voters of the state, a special fund of the state to be known as the "1978
22 Parks Construction Fund" shall be established, to which shall be credited the
23 proceeds of the sale of the bonds described in sec. 1 of this Act except for
24 the accrued interest and premiums. The amount of ^{3,775,000}~~\$6,215,000~~ is appropriated
25 from the "1978 Parks Construction Fund" to the Department of Transportation
26 and Public Facilities. The proceeds of these bonds shall be allocated as
27 follows:

28 Project	Location	Amount
29 (1) Chena River recreation area	Fairbanks	\$ 275,400

13	Chiniak Highway wayside	Kodiak	25,000
14	Anton Larson Bay boat ramp	Kodiak	60,000
15	Fort Greedy bike path	Delta	125,000

1	(2) Silver King wayside	Kenai Peninsula	424,600
2	(3) Izank Walton wayside	Kenai Peninsula	147,900
3	² (4) Bicycle trails and footpaths	Statewide	500,000
4	³ (5) Totem Bight Historic Park	Ketchikan	160,300
5	⁴ (6) Highway roadsides	Copper Basin area	403,400
6	⁵ (7) Anchor River wayside	Kenai Peninsula	100,000
7	⁶ (8) Moose Creek wayside	Matanuska-Susitna	
8		area	360,000
9	⁷ (9) Matanuska Glacier wayside	Matanuska-Susitna	
10		area	117,000
11	⁸ (10) Deadman Lake wayside	Interior	230,000
12	⁹ (11) Johnson Lake wayside	Kenai Peninsula	450,000
13	¹⁰ (12) Kasilof River wayside	Kenai Peninsula	50,000
14	¹¹ (13) Willow Creek wayside	Matanuska-Susitna	
15		area	504,900
16	¹² (14) Quartz Lake development	Delta Junction	411,800
17	(15) Noatak River wayside	Northwest Alaska	100,000
18	(16) Kobuk River wayside	Northwest Alaska	360,000
19	(17) Saddle Creek wayside	Northwest Alaska	50,000
20	(18) June Creek wayside	Northwest Alaska	50,000
21	(19) Baldwin Peninsula recreation		
22	area	Northwest Alaska	275,400
23	(20) Kotzebue Youth recreation		
24	area	Northwest Alaska	250,000
25	(21) Baldwin Peninsula, bicycle trails		
26	and foot paths	Northwest Alaska	400,000
27	(22) Bicycle trails and footpaths	Anchorage	500,000
28	(23) Bethel Wayside Park	Bethel	89,500

* Sec. 3. If the issuance of these bonds is authorized by the qualified

13,213

1 voters of the state, the amount of ~~\$21,800~~ or as much of that amount as is
2 found necessary is appropriated from the general fund of the state to the
3 state bond committee to carry out the provisions of this Act and to pay
4 expenses incident to the sale and issuance of the bonds authorized in this
5 Act. The amounts expended from the appropriation authorized by this section
6 shall be reimbursed to the general fund from the proceeds of the sale of the
7 bonds authorized by this Act.

8 * Sec. 4. The amount withdrawn from the public facility planning fund for
9 the purpose of advance planning for the improvements financed under this Act
10 shall be reimbursed to the fund from the proceeds of the sale of bonds
11 authorized by this Act.

12 * Sec. 5. The question whether the bonds authorized in this Act are to be
13 issued shall be submitted to the qualified voters of the state at the next
14 general election and shall read substantially as follows:

15 Proposition

16 State General Obligation Parks Construction
17 Bonds ^{3,775,000}
~~\$6,215,000~~

18 Shall the State of Alaska issue its general obligation bonds
19 in the principal amount of not more than ^{3,775,000}~~\$6,215,000~~ for the
20 purpose of paying the cost of capital improvements to parks,
21 waysides, trails, footpaths, and other recreational facilities?

22 Bonds Yes []

23 Bonds No []

24 * Sec. 6. This Act takes effect immediately in accordance with AS 01.10.-
25 070(c).

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3-10-8

Original sponsor: Finance Committee

Offered: 5/31/78
Referred: Rules

1 IN THE SENATE BY THE FINANCE COMMITTEE
2 HOUSE CS
CS FOR SENATE BILL NO. 619

3 IN THE LEGISLATURE OF THE STATE OF ALASKA
4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act providing for the issuance of general obliga-
7 tion bonds in the amount of ^{3,775,000}~~\$6,215,000~~ for the purpose
8 of paying the cost of capital improvements to parks,
9 waysides, trails, footpaths, and other recreational
10 facilities; and providing for an effective date."

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

12 * Section 1. For the purpose of paying the cost of capital improvements
13 to parks, waysides, trails, footpaths, and other recreational facilities,
14 general obligation bonds of the state in the principal amount of not more
15 than ^{3,775,000}~~\$6,215,000~~ shall be issued and sold. The full faith, credit and re-
16 sources of the state are pledged to the payment of the principal of and
17 interest and redemption premium, if any, on these bonds. These bonds shall
18 be issued under the provisions of AS 37.15 as those provisions read at the
19 time of issuance.

20 * Sec. 2. If the issuance of these bonds is authorized by the qualified
21 voters of the state, a special fund of the state to be known as the "1978
22 Parks Construction Fund" shall be established, to which shall be credited the
23 proceeds of the sale of the bonds described in sec. 1 of this Act except for
24 the accrued interest and premiums. The amount of ^{3,775,000}~~\$6,215,000~~ is appropriated
25 from the "1978 Parks Construction Fund" to the Department of Transportation
26 and Public Facilities. The proceeds of these bonds shall be allocated as
27 follows:

28	Project	Location	Amount
29	(1) Chena River recreation area	Fairbanks	\$ 275,400

Add: (13) Chiniak Highway wayside	Kodiak	25,000
(14) Anton Larson Bay boat ramp	Kodiak	60,000
(15) Fort Greedy bike path	Delta	125,000

1	(2) Silver King wayside	Kenai Peninsula	424,600
2	(3) Izaak Walton wayside	Kenai Peninsula	147,900
3	² (4) Bicycle trails and footpaths	Statewide	500,000
4	³ (5) Totem Bight Historic Park	Ketchikan	160,300
5	⁴ (6) Highway roadsides	Copper Basin area	403,400
6	⁵ (7) Anchor River wayside	Kenai Peninsula	100,000
7	⁶ (8) Moose Creek wayside	Matanuska-Susitna	
8		area	360,000
9	⁷ (9) Matanuska Glacier wayside	Matanuska-Susitna	
10		area	117,000
11	⁸ (10) Deadman Lake wayside	Interior	230,000
12	⁹ (11) Johnson Lake wayside	Kenai Peninsula	450,000
13	¹⁰ (12) Kasilof River wayside	Kenai Peninsula	50,000
14	¹¹ (13) Willow Creek wayside	Matanuska-Susitna	
15		area	504,900
16	¹² (14) Quartz Lake development	Delta Junction	411,800
17	(15) Noatak River wayside	Northwest Alaska	100,000
18	(16) Kobuk River wayside	Northwest Alaska	360,000
19	(17) Sadie Creek wayside	Northwest Alaska	0,000
20	(18) June Creek wayside	Northwest Alaska	50,000
21	(19) Baldwin Peninsula recreation		
22	area	Northwest Alaska	275,400
23	(20) Kotzebue Youth recreation		
24	area	Northwest Alaska	250,000
25	(21) Baldwin Peninsula, bicycle trails		
26	and foot paths	Northwest Alaska	400,000
27	(22) Bicycle trails and footpaths	Anchorage	500,000
28	(23) Bethel Wayside Park	Bethel	89,500

* Sec. 3. If the issuance of these bonds is authorized by the qualified

13,213

1 voters of the state, the amount of \$21,800 or as much of that amount as is
2 found necessary is appropriated from the general fund of the state to the
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11 authorized by this Act.

12 * Sec. 5. The question whether the bonds authorized in this Act are to be
13 issued shall be submitted to the qualified voters of the state at the next
14 general election and shall read substantially as follows:

15 Proposition

16 State General Obligation Parks Construction
17 Bonds ^{3,775,000} \$6,215,000

18 Shall the State of Alaska issue its general obligation bonds
19 in the principal amount of not more than ^{3,775,000} \$6,215,000 for the
20 purpose of paying the cost of capital improvements to parks,
21 waysides, trails, footpaths, and other recreational facilities?

22 Bonds Yes []

23 Bonds No []

24 * Sec. 6. This Act takes effect immediately in accordance with AS 01.10.-
25 070(c).

Original sponsor: Finance Committee

Offered: 5/31/78
Referred: Rules

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 CS FOR SENATE BILL NO. 619

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act providing for the issuance of general obliga-
7 tion bonds in the amount of \$6,215,000 for the purpose
8 of paying the cost of capital improvements to parks,
9 waysides, trails, footpaths, and other recreational
10 facilities; and providing for an effective date."

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13 to parks, waysides, trails, footpaths, and other recreational facilities,
14 general obligation bonds of the state in the principal amount of not more
15 than \$6,215,000 shall be issued and sold. The full faith, credit and re-
16 sources of the state are pledged to the payment of the principal of and
17 interest and redemption premium, if any, on these bonds. These bonds shall
18 be issued under the provisions of AS 37.15 as those provisions read at the
19 time of issuance.

20 * Sec. 2. If the issuance of these bonds is authorized by the qualified
21 voters of the state, a special fund of the state to be known as the
22 Parks Construction Fund" shall be established, to which shall be credited the
23 proceeds of the sale of the bonds described in sec. 1 of this Act except for
24 the accrued interest and premiums. The amount of \$6,215,000 is appropriated
25 from the "1978 Parks Construction Fund" to the Department of Transportation
26 and Public Facilities. The proceeds of these bonds shall be allocated as
27 follows:

28	Project	Location	Amount
29	(1) Chena River recreation area	Fairbanks	\$ 275,400