

ALASKA LEGISLATURE

2359

HOUSE and SENATE FINANCE COMMITTEE FILES, 2001 - 2002

SB

109

SFIN

FILE

SB 109

was referred to the
Senate Finance
Committee

No hearing was held
on this bill

SB

111

SFIN

FILE

SB III

was referred to the
Senate Finance
Committee

Hearing(s) were held

The bill did not move
from Committee

SENATE FINANCE
COMMITTEE

Amendment Number: 1

Bill Number: SB 111

Sponsor: Donley Date: 3/25/02

Logged In By: Robin

22-LS0621\F.1

Cook

3/25/02

AMENDMENT

OFFERED IN THE SENATE

BY SENATOR DONLEY

TO: CSSB 111(TRA)

- 1 Page 1, line 1, following "finance":
2 Insert "development,"
3
4 Page 1, line 2, following "maintenance":
5 Insert ","
6
7 Page 1, line 10:
8 Delete "Nome"
9 Insert "the Municipality of Anchorage, Nome,"
10
11 Page 2, line 17, following "Nome":
12 Insert "and the Municipality of Anchorage"
13
14 Page 2, line 21:
15 Delete "capital maintenance"
16 Insert "development, capital maintenance,"
17 Following "project":
18 Insert ", the Municipality of Anchorage's project,"
19
20 Page 3, following line 11:
21 Insert a new paragraph to read:
22 "(14) Municipality of Anchorage - Port of Anchorage 14,000,000"
23
24 Page 4, line 19:

- 1 Delete "\$42,772,000"
- 2 Insert "\$56,772,000"
- 3
- 4 Page 4, line 21:
- 5 Delete "\$42,772,000"
- 6 Insert "\$56,772,000"
- 7
- 8 Page 4, line 22:
- 9 Delete "\$4,525,000"
- 10 Insert "\$6,005,000"
- 11
- 12 Page 4, line 23:
- 13 Delete "\$66,335,500"
- 14 Insert "\$88,027,500"



CITY OF PETERSBURG

P.O. BOX 329 • PETERSBURG, ALASKA 99833

TELEPHONE (907) 772-4511

TELECOPIER (907) 772-3759

RECEIVED

APR 12 2001

Ans'd.....

March 27, 2001

Senator Robin Taylor
Alaska State Legislature
State Capitol, MS3100
Juneau, AK 99801-1182

Dear Senator Taylor:

Thank you for sponsoring SB 111 related to the financing of facilities for municipal ports and harbors. As you know, we have been working for years to obtain funding for the State's deferred maintenance costs for our small boat harbors, as well as the necessary funding for upgrade and expansion of these harbors. Your sponsorship and support of acceptable legislation to accomplish this is greatly appreciated.

The funding allocation listed for Petersburg is \$3,729,000, which was the amount decided upon by the DOTP&F several years ago. While we are very pleased to be included in the various funding bills for deferred maintenance, we have never been completely in agreement with the amount of money identified—particularly since our 1995 engineering estimate from Peratrovich, Nottingham & Drage (PN&D) is \$7,100,000. Enclosed for your review is a copy of the pertinent section from our PN&D report. Even if the State objects to bringing our three harbors up to current standards, we doubt that the required deferred maintenance work can be completed for less than \$5,000,000 in today's dollars. Therefore, we hope that you will work towards revising the Petersburg allocation to more closely approximate the true current costs of deferred maintenance work on our three small boat harbors.

Additionally, if the deferred maintenance funding bill is also to include upgrade and expansion projects as well, e.g. Seward, it is imperative that \$3,000,000 be included for Petersburg to leverage the federal funds awarded for our harbor expansion project. Please contact either myself or City Manager Linda Snow if we can provide you with further information or should you wish to discuss these matters in further detail.

Sincerely,

Theodore M. Smith

Mayor

Cc: Representative Peggy Wilson



City and Borough of Sitka

100 Lincoln Street • Sitka, Alaska 99835

(907) 747-1812 • Fax: (907) 747-7403

RECEIVED

MAR 30 2001

Ans'd.....

March 29, 2001

The Honorable Robin Taylor
Alaska State Senate
State Capitol, Room 30
Juneau, Alaska 99801-1182

Dear Senator Taylor:

On behalf of the City and Borough of Sitka, I extend my support for Senate Bill 111. Senate Bill 111 appears to resolve the problems that have prevented the transfer of the State-owned harbor facilities in our community and others to municipal ownership.

I cannot stress enough the importance of the passage of this bill in this legislative session. It has been two years since we completed our negotiations with the State of Alaska for the takeover of the State-owned harbors. Further delay in the transfer of these facilities only adds to costs of these transfers due to further deterioration of the State-owned harbors.

I respectfully request your support for Senate Bill 111, and urge passage of the bill in this legislative session. We are eager to complete the transfer of the State-owned harbors and to begin the necessary repairs to those facilities.

Respectfully,

Gary L. Paxton
Administrator



Southeast Alaska Conference of Mayors

213 Third Street - Suite 124

Juneau, 99801

phone: (907) 463-3445 Fax (907) 463-5670

November 11, 2000

The Honorable Brian Porter
Speaker of the House, Alaska State House of Representatives
Room 208, State Capitol Building
Mail Stop 3100
Juneau, Alaska 99801-1182

Cc: Senator Drue Pearce, Senate President
: Governor Tony Knowles

Re: Opposition to Local Bonding Requirement for Harbor Deferred Maintenance

Dear Representative Porter:

In 1992, DOT/PF initiated a transfer program, including funds for deferred maintenance, for communities willing to assume ownership of state public harbor facilities. Since that time, 17 facilities have been transferred, with a total of over \$20 million in state appropriations. These funds were provided to remove the disincentive for communities to assume the ownership costs, including major repairs required to the aging facilities. On this basis, 9 communities with 19 facilities were identified in HB 281 last session, to execute Transfer of Responsibilities Agreements, subject to legislative appropriation of \$27,885,800. Several other facilities in our region should be eligible for similar treatment in subsequent years.

Changes were made to HB 281, adding a requirement that local communities issue bonds to pay for the deferred maintenance, and to seek reimbursement from the state, subject to subsequent legislative appropriation. This will affect communities in the following ways:

1. Decreasing local capacity to finance local projects
2. Reducing the amount available for each community's deferred maintenance, because of the additional cost of issuing bonds on a local basis.
3. Potential cash crises or planning disruption, if subsequent legislatures don't fulfill the obligation to reimburse the projects, once completed. Many of us remember years of budget shortfalls where the legislature did not fully reimburse school debt in the amount provided by law.

In conclusion, the communities of Southeast Alaska who still have state owned docks do not support this shifting of the burden of bonding onto the local communities who are accepting ownership of the State's poorly maintained facilities. These communities have worked with various legislators in past years to develop divestiture legislation for state owned ports & harbors, and have invested substantial funds in planning and design, in preparation for the needed maintenance and repairs. They all deserve parity and equality with other communities who have already received deferred maintenance by direct appropriation since 1992.

The undersigned strongly oppose the requirement for local bonding for deferred maintenance costs on State owned harbors, and respectfully request your support for legislation which would provide for state bonding, or other funding for these projects, as provided prior to passage of HB 281.

Andrew M. Smith
MAYOR OF PETERSBURG

Kathie Wasserman
MAYOR OF PELICAN

Donna Williams
MAYOR OF KLAWOCK

Lonnie Anderson
MAYOR OF KAKE

Albert W. Dick
MAYOR OF NOONAH

Bob Weinstein
MAYOR OF KETCHIKAN

Doug Watson
MAYOR OF CRAIG

Jack Gray
MAYOR OF KETCHIKAN BOROUGH

Thos. J. Fostich
MAYOR OF ANGOON

Lonnie E. Oles
Mayor City of Haines

Salvatore X. Nelson
Mayor of Sitka

Sally Smith
Mayor, City & Borough of Juneau

CITY OF CORDOVA



RECEIVED

APR 12 2001

Ans'd.....

March 28, 2001

Senator Robin Taylor
Alaska State Legislature
State Capitol (MS 3100)
Juneau, Alaska 99801-1182

Re: Harbor Deferred Maintenance SB 111

Dear Senator Taylor:

For the last three years, the City Council of Cordova has supported efforts to assume ownership of our harbor with payment of deferred maintenance from the State. Last year we supported the concept, but did not support the funding methods presented in HB 281.

The Cordova Harbor is the lifeblood of this community and it is desperately in need of attention. The City will accomplish the deferred maintenance so long neglected. We strongly support your SB111 this year and hope that this transfer of ownership can finally take place. There is a resolution before the next council meeting scheduled for April 4, 2001 which will reflect this support. This resolution will be forwarded to you immediately upon passage.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry C. Hancock". The signature is written in a cursive style.

Larry C. Hancock
City Manager

cc: Senator Lincoln
Representative Harris
Senate Finance Committee
House Finance Committee
Joe Perkins, AKDOT



OFFICE OF THE MAYOR

April 18, 2001

Senator Robin Taylor
Senate Finance Committee
Alaska State Legislature
State Capitol (MS 3100)
Juneau, AK 99801-1182

Dear Senator Taylor:

Enclosed you will find a copy of Resolution 01-17 from the City of Valdez, supporting the passage of Senate Bill 111 to provide funding for the long overdue deferred maintenance in our State's harbors.

The City of Valdez and many other communities have worked with DOT&PF and the legislature for many years to develop the harbor transfer program. The City of Valdez is willing to assume ownership of our harbor facilities, however we feel strongly that the State has an obligation to pay for the deferred maintenance of these facilities. Several communities have had the opportunity to participate in the program and have successfully renovated and then taken over the ownership of their harbors. We too, would like that opportunity!

The increasing costs associated with continuing to defer maintenance, combined with the increasing risks to the public using these deteriorating facilities, provide overwhelming justification to fund these projects during this fiscal year.

The Valdez Harbor is an important economic development resource for our community. We ask for your support to pass this critical legislation this session so that we can begin the much-needed repairs in our harbors.

Sincerely,

Bert Cottle
Mayor

CITY OF VALDEZ, ALASKA

RESOLUTION NO. 01-17

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, SUPPORTING SENATE BILL 111 AND HOUSE BILL 146 AUTHORIZING FUNDING FOR HARBOR DEFERRED MAINTENANCE.

WHEREAS, the State of Alaska Department of Transportation and Public Facilities (DOT&PF) has the authority to transfer ownership of state-owned harbor facilities to an incorporated city; and

WHEREAS, the condition of the harbors and the ownership costs associated with major repairs and replacement have been a road block for communities to want to take over ownership of these state facilities; and

WHEREAS, in 1992, the State of Alaska DOT&PF initiated a transfer program that included appropriations for deferred maintenance purposes to communities who were willing to assume ownership of the facilities; and

WHEREAS, since 1992, 17 harbor facilities have been transferred, with a total state appropriation of \$20,624,100; and

WHEREAS, in 2001, 13 communities with 31 facilities are prepared to execute transfer agreements, subject to an appropriation of \$43,680,000; and

WHEREAS, these communities have cooperated with DOT&PF for many years to develop the transfer program; have invested substantial funds in planning and design in preparation for the completion of the needed maintenance and repairs; and have worked directly and cooperated fully with legislators in the process of drafting this legislation; and

WHEREAS, the deferred maintenance costs in the State's harbors are growing annually; and

WHEREAS, the increased costs, combined with the increasing risks to the public using these deteriorated facilities, provide overwhelming justification for funding these projects this year.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, that

Section 1. The City of Valdez supports Senate Bill 111 and House Bill 146 as an appropriate way to pay for the State's deferred maintenance costs for harbors.

Section 2. The City of Valdez will assume ownership of the harbor facilities under the conditions of this legislation.

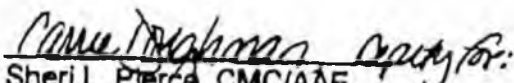
Section 3. The City of Valdez urges the legislature to pass these bills during this first session of the twenty-second legislature so that our State's harbors and ports can begin the much-needed repairs that have been neglected for so many years.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this 16th day of April, 2001.

CITY OF VALDEZ, ALASKA


Bert Cottle, Mayor

ATTEST:


Sheri L. Pierce, CMC/A&E





CITY OF NOME

Celebrating 100 Years of Gold Rush History

Incorporated April 9, 1901

Sent by Facsimile

March 29, 2001

DRAFT

Richard Foster
Alaska State Representative
Alaska State Legislature
State Capitol (MS 3100)
Juneau, Alaska 99801-1182

Dear Representative Foster:

I hope this letter finds you well. Things here in Nome are winding down after another successful Iditarod.

We recently received some shocking news regarding our Navigation Improvement (Port) Project from the Corps of Engineers. The 90% design level cost estimate for the project exploded to \$36,651,000; an increase of \$11,000,000 from the feasibility study estimate made in 1998. The impact to the City of Nome is a project cost-share increase of approximately \$2,908,000. Needless to say, this is a significant blow to our plans.

As you are aware, the City has been diligently working on a financing plan for the project utilizing state and local funding sources. You were successful in securing \$1,000,000 for the City last session in a Port-bonding bill. The voters in Nome supported this bond.

To date the City has acted independently of state support on this project and has invested well over \$500,000 cash and in-kind services. This translates to almost the entire revenue of one season of Port activity. Now, as we are about to enter the construction phase, we feel the need for support to meet the multi-million dollar commitments ahead. The City of Nome requests your support in securing additional moneys from the State of Alaska for the Nome Port project to assist us with paying for these costs.

We see the port project as an economic development enhancement to Nome and the region. The project will support industries, support the 26 villages served by operators using our port and make Nome a more attractive site for shipping to serve the entire Northwest Arctic region. Cruise lines are looking at Nome for increased visitation in 2004 due to the dependable berthing offered by the

Representative Richard FosterMarch 29, 2001

project. The regional CDQ group – Norton Sound Economic Development Council- recently approved construction of a \$2,300,000 fish processing/public education facility at Nome's small boat harbor anticipating increased economic activity in the area due to the port project. Finally with the high cost of living, we hope the project will help hold down freight and fuel cost due to the dramatic decrease in delays for berthing at the Nome facilities.

The Nome Port project is good for Nome, the region and the State of Alaska. The project will provide both short-term and long-term economic development possibilities. We appreciate your efforts to help us with this very important community economic issue. Please call me at 443-6600 if I may be of further assistance.

Sincerely,
CITY OF NOME, ALASKA

Randy Bomenesko, P.E.
Acting City Manager

Cc: Senator Donny Olson
Mayor & Council

Attached: Cost Summary

Nome Navigation Improvements Project

(in \$1,000)

	Jul-98	Feb-01	Change	
			\$	%
Mobilization & Demobilization	\$605	\$2,794	\$2,189	362%
Channel Excavation	\$5,663	\$4,831	-\$832	-15%
Breakwaters	\$11,804	\$20,022	\$8,218	70%
Sediment Trap	\$1,613	\$619	-\$994	-62%
Bridge	\$2,154	\$3,655	\$1,501	70%
PED/Construction Management	\$2,319	\$2,788	\$469	20%
General Navigation Features	\$24,158	\$34,709	\$10,551	44%
LERRDS	\$1,497	\$1,942	\$449	30%
Total Project Cost	\$27,651	\$38,651	\$11,000	43%
Federal Share	\$20,192	\$28,294	\$8,102	40%
City of Nome Share	\$5,459	\$8,367	\$2,908	53%

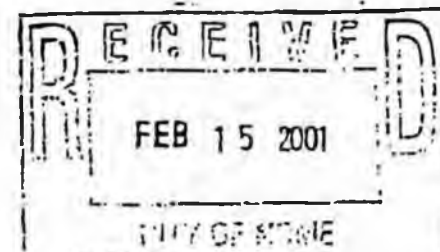
NOTE:

Jul-98 estimate is from the Feasibility Study approved in WRDA 99 & amended USACE Chief's Report.
Feb-01 estimate is based on 90% design dwgs.

**Federal/non-Federal Cost Apportionment for Recommended Plan
Nome Navigation Improvements (October 2004 price level)**

Items	Total Project Cost (\$000)	Implementation Costs (\$000)			
		Federal	%	Non-Federal	%
General Navigation Features (GNF):					
Channels Less than 20 feet deep	4,445	4,001	90	445	10
Channels Greater than 20 feet deep	386	290	75	97	25
Breakwater Main	16,615	14,621	88	1,994	12
Breakwater Spur	3,407	2,555	75	852	25
Sediment Trap	619	557	90	62	10
Mobilization	2,794	2,459	88	335	12
Construction management	2,025	1,782	88	243	12
Bridge	3,655	3,216	88	439	12
Subtotal GNF	33,946	29,481		4,465	
PED (Already Funded/Not Financed)	763	573	75	190	25
Additional Funding Requirement					
10% of GNF		-3,395		3,395	
GNF LERR credit		1,625		-1,625	
Adjustment for GNF LERR credit		-1,770		1,770	
Subtotal of GNF Related Items	33,946	27,711		6,235	
LERR (GNF) - Acquisition credit	1,625	0	0	1,625	100
Aids to navigation	10	10	100	0	0
Local Service Facilities	317	0	0	317	0
TOTAL LOCAL SERVICE FACILITIES	317	0	0	317	100
Betterments					
Boat Launch Ramp	0	0		0	
TOTAL BETTERMENTS COST	0	0	0	0	100
FINAL COST REQUIREMENTS	36,661	28,294		8,367	

902 Limit	
Authorized Cost	25,651,000
20% of Authorized Cost	5,130,200
Inflation Index, Oct 97-Oct 04 (23%)	5,899,730
Total, 902 Limit	36,680,930



Job No. _____

No. _____

Work Sheet

CITY OF NOME

Project	<u>Nome Navigation Improvements</u>	Computed	<u>R</u>	Date	<u>4.24.01</u>
Subject		Checked		Date	
Task		Sheet		Of	

Harbor expansion project

- Preconstruction Engineering Design currently being performed by US Army Corps of Engineers
- 90% Design cost estimate of project is \$36.7 M w/ City cost share of \$8.4M.
- City sold G.O. Bond in Nov 2000 in response to HB281.
- Funds are to be used as a portion of City cost-share requirements.
- Nome Harbor project specifically mentioned by Sen. Stevens in address to legislature meriting State support.



NAVIGATION IMPROVEMENTS PROJECT NOME, ALASKA

The Corps of Engineers has initiated pre-construction engineering and design for the proposed improvement additions to the marine navigation system in Nome, Alaska as pictured. These new additions as designed would considerably reduce commercial fishing and transportation vessel delays, vessel damage and ultimately increase vessel traffic and harbor use.

The Port of Nome is the only harbor facility for vessel moorage in northwest Alaska. Nome serves as the regional center of trade for the Bering Strait-Norton Sound area. With the creation of the community development quota program, the influx to the local commercial fishing fleet is over-crowding the existing facility. The project is in the national economic development plan as determined by the US Army Corps of Engineers.

The recommended plan for a new navigation system that can meet the needs of the users includes a new rubblemound breakwater west of the existing causeway extending seaward at 3000 feet, a new navigation channel passing between the causeway and new breakwater which proposes an entrance substantially increased in size over the existing facility, and a 240 foot extension to the existing causeway structure.

The 90% design level cost estimate for the project was recently released by the Corps and grew significantly to \$36,651,000; an increase of \$11,000,000 from the feasibility study estimate performed in 1998. The impact to the City of Nome is a project cost-share increase of approximately \$2,908,000. The cost estimate increase pushes the project dangerously close to the Federal 902 limit of \$36,680,980 and seriously impacts the City's ability to fund the required cost share portion of this project.

The City is diligently working to keep the project viable by working with Federal and State officials on possible solutions to the problems caused by the cost increase.

The fully funded project cost is estimated at approximately \$36.651 million of which \$8.367 million is expected to be funded by the City of Nome.



Peratrovich, Nottingham & Drage, Inc

Engineering Consultants

1506i West 36th Avenue, Anchorage, Alaska 99503, 907-561-1011, Fax 907-563-4220

March 15, 2001

PN&D: 01035

Chris Gates
Aleut Enterprise Corporation
840 K Street, Suite 202
Anchorage, Alaska 99501

Re: Adak Small Boat Harbor Upgrade Cost Estimate

Dear Chris:

Peratrovich, Nottingham & Drage, Inc. is pleased to provide a cost estimate and attached plan sheets (2) for the proposed Adak Small Boat Harbor Upgrade for the Aleut Enterprise Corporation. The information provided is a Rough Order of Magnitude preliminary cost estimate which will be refined as the design progresses and more information becomes available.

No.	ITEM	ROM COST EST (\$)
1	Site Mobilization & Demoblization	\$50,000
2	Demolition of Existing Floats	\$50,000
3	Floats	\$150,000
4	Piles	\$150,000
5	Engineering/Development	\$30,000
6	Miscellaneous	\$20,000
	Subtotal	\$450,000
	Contingency	\$50,000
	ROM Total	\$500,000

PN&D appreciates the opportunity to assist the Aleut Enterprise Corporation in upgrading the Adak Small Boat Harbor. We recognize the tremendous opportunity which exists for future development and expansion of marine facilities and services at this location and look forward to closely working with you in this and future projects.

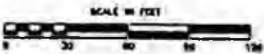
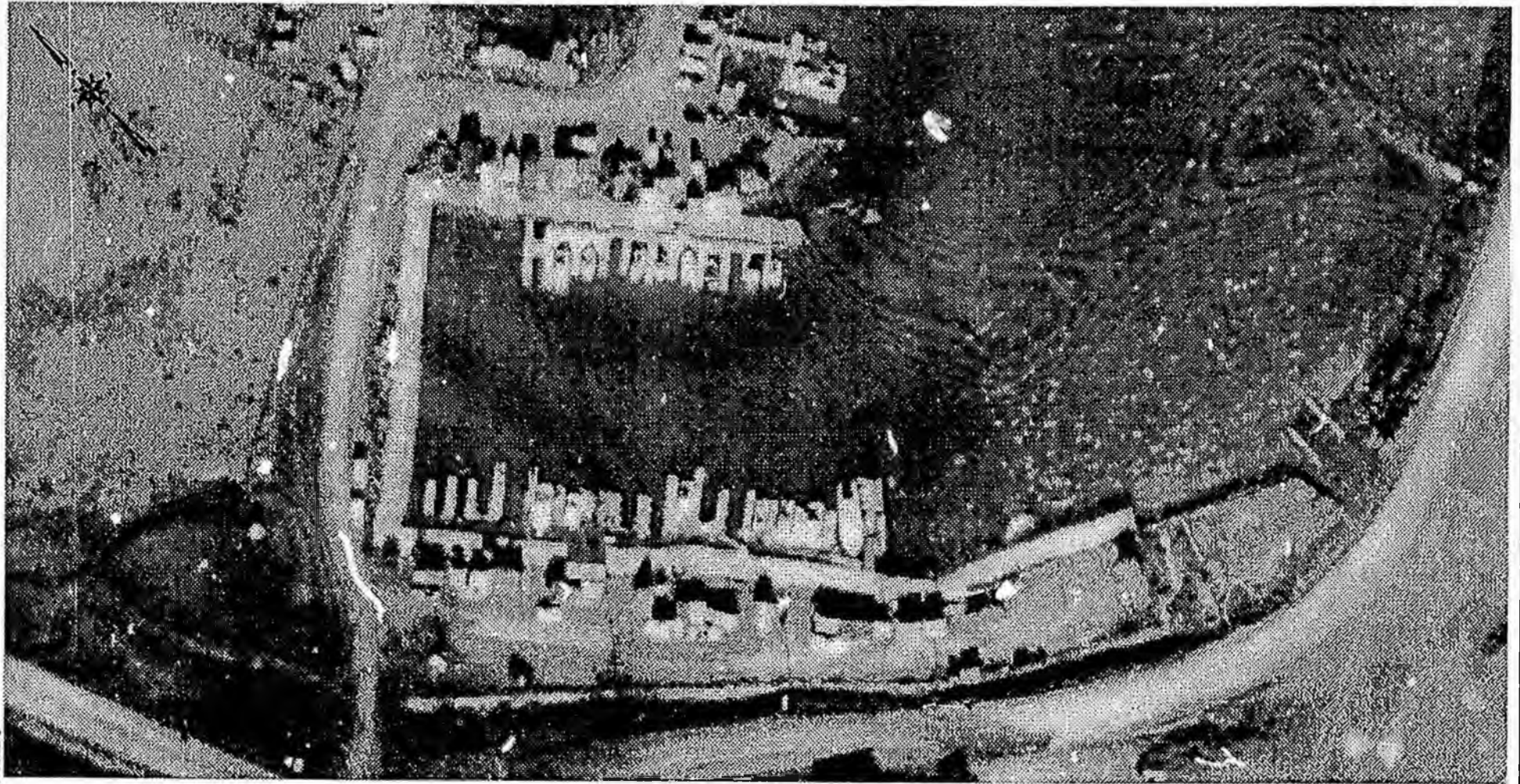
Please call either Alan B. Christopherson or myself if there are any questions.

Sincerely,

Peratrovich, Nottingham & Drage, Inc.

John W. Pickering, P.E.
Senior Engineer/Principal

Enc: 2 - plan sheets



**ADAK SMALL
BOAT HARBOR**

Design: PC
 Drawn: AC
 Checked: _____
 Project No. 2022

 **Peratrovich, Nollingham & Drage, Inc.**
 Engineering Consultants

1506 West 24th Avenue,
 Anchorage, Alaska 99503 1807 665-1011 FAX 1807 648-4210

Date: 6/2/20
 Title: C-1F

EXISTING CONDITIONS

Sheet
1 of 2

All the information on this drawing is the property of Peratrovich, Nollingham & Drage, Inc.

Adak Reuse Corporation

PORT OF ADAK SMALL BOAT HARBOR RECONSTRUCTION AND REPAIR ISSUE PAPER

FEBRUARY 2001

Adak Island is building a new and important economic base in the Western Aleutians of Alaska.

The reuse of former Naval Air Facility Adak is being accomplished by a small corps of enthusiastic city pioneers and a non-profit, regional, advisory team called the Adak Reuse Corporation. These entities have worked with federal granting authorities to develop an Economic Reuse Plan that confirms the common sense that the successful community reuse of former Naval Facility Adak will center around fishing, port, airport, fuel farm and other opportunities.

These opportunities are derived from Adak's fundamental attributes. These include having a very unique geographic position in the Western Aleutians of Alaska (useful to serve crew change and vessel support needs of an extensive international fishing fleet), a high quality installed and working community infrastructure, over 20,000 acres of developable land, the best jet airport in the Aleutians, over 3000 linear feet of deep draught dock facilities, over 2 million square feet of commercial buildings, readily available housing for 2000 people, and a state of the art fuel terminal that can efficiently and easily store and transship over 20 million gallons of petroleum products.

In spite of the impressive listing of possible opportunities, the most important part of the reuse of Adak concerns timing. The weather and elements on Adak are expected to more quickly deteriorate new commercial and industrial facilities than almost anywhere in the country. Adak is attempting to ramp up leases and reuse of facilities as soon as possible, to put good assets into commercial use before they are lost to the elements. To act quickly Adak is focusing its limited marketing and outreach efforts towards the fishing industry.

Fishing on Adak has the potential to repopulate the community, bring in new processors and fishermen as well create a host of supply and maintenance companies to serve the fleet and the industry. Fishing in the Adak area is great. Federal regulators have given Adak a small community allocation of commercially caught cod to help start a viable fish catching and processing industry.

Unfortunately, Adak's history as a large and active military base - with regard to small boat facilities - is not well suited to transitioning into a fishing community. While the Navy had operated a recreational-oriented small boat harbor over the years, the requirements for a full fledged Aleutian fishing community are much different, and not currently available on Adak.

The existing small boat harbor is not a functional fishing vessel services harbor. It will not facilitate the establishment of a day fishery, or service other boats and parts of the industry that are needed to take advantage of the resource and facilities around Adak. The reworking, reconfiguring, repair and expansion of Adak's small boat harbor is the single most important requirement to continue the establishment of a sustainable economic foundation for the community.

The current status of the small boat harbor is in disrepair. The facility has numerous life safety and code violation issues, and is non-functional for the types of vessels that need to fish in the area. In addition, it has no adjacent utilities or area for support services, and is configured for a "Tupperware" fleet with tight turning radii and shallow draught with approaches that can put small boats in conflict with tankers using the fuel facilities at the Port of Adak.

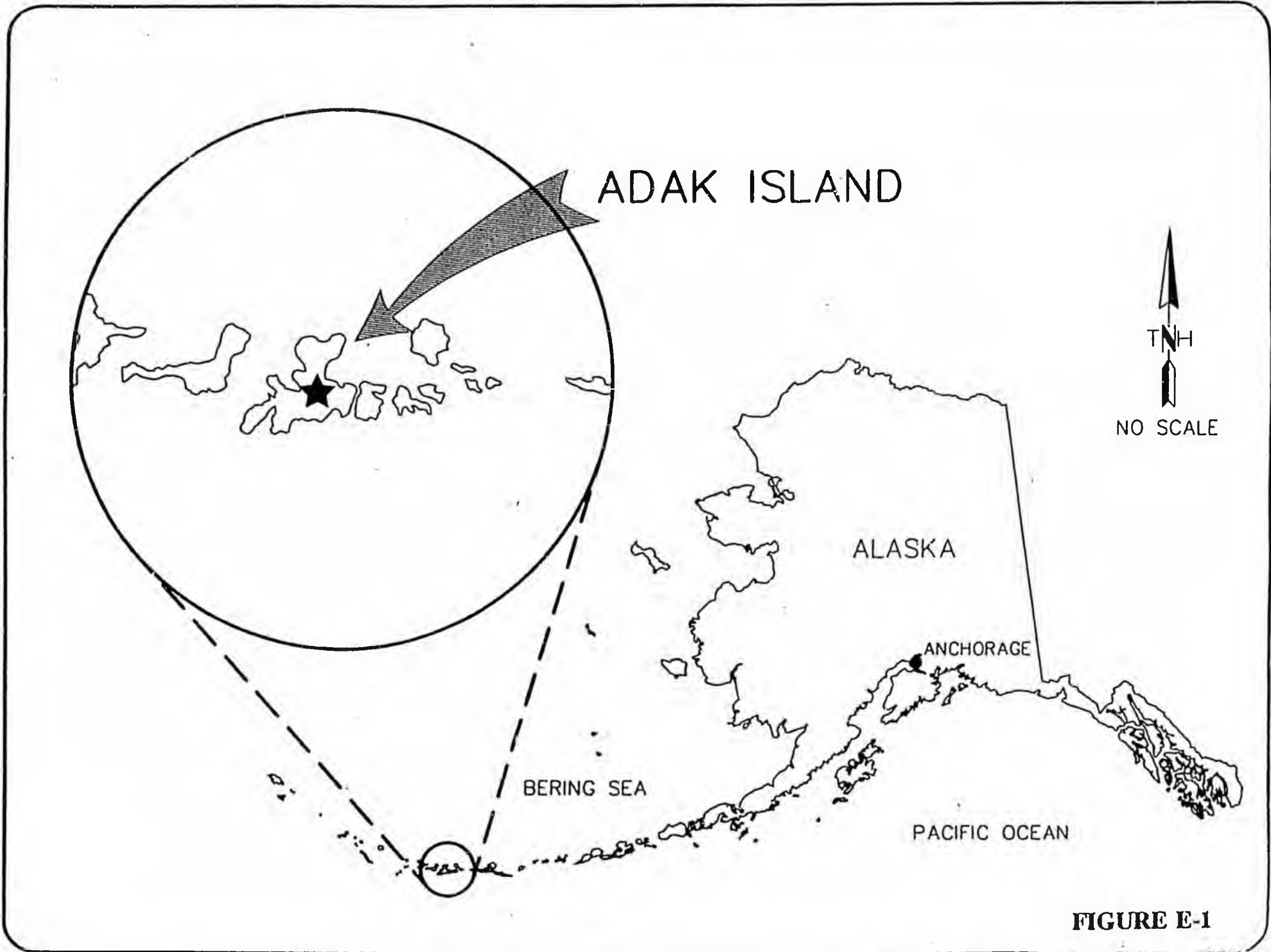
The Adak Reuse Corporation is seeking approximately \$500,000 (Five Hundred Thousand) in financial assistance to immediately provide a safe haven for fishing vessel who use the Port of Adak as their home port. Preliminary engineering and budget range verification is currently in process and will be available shortly. Additional funds will be secured through federal sources to address expansion needs.

The use of funds is projected as follows:

- Immediately complete 2001 repair-engineering to optimize the current small boat harbor to make it as useful as possible for the Adak day-fishing fleet;
- Immediately repair life/safety and code related violations;
- Perform emergency debris removal and maintenance dredging in the existing small boat harbor entrance channel and turning basin;
- Renovate and replace small boat harbor approach ramps, pilings, passenger access areas and floats that are currently non-functional and/or missing or broken; and
- Renovate and replace decking and bull rails.

The Adak Reuse Corporation has worked for over 3 years to establish a new City of Adak under existing state law. That process is nearing completion with a new community vote leading to formal incorporation scheduled for April of this year. Adak's transitional status has not allowed access to normal small boat harbor improvements funds from the US Department of Commerce Economic Development Administration. It has also missed out on fish revenue funds from the State of Alaska that would normally be available to a community that has provided the tax revenues for the State of Alaska. Lack of normal community port development funding has led to further deterioration of the fishing vessel support infrastructure over the last 5 years of Navy environmental remediation of Adak. These facilities must be immediately repaired and rehabilitated and then expanded as soon as possible.

The Adak Reuse Corporation, the Port and the future City appreciate your willingness to consider emergency rehabilitation and expansions support for the small boat needs of Adak. Please call Agafon Krukoff, Mayor of the "pre-incorporation" Adak Community Council, or Mr. Christopher Gates at 907 562-5444 if you have any questions and/or requests for information regarding the need to fix the small boat harbor facilities on Adak.



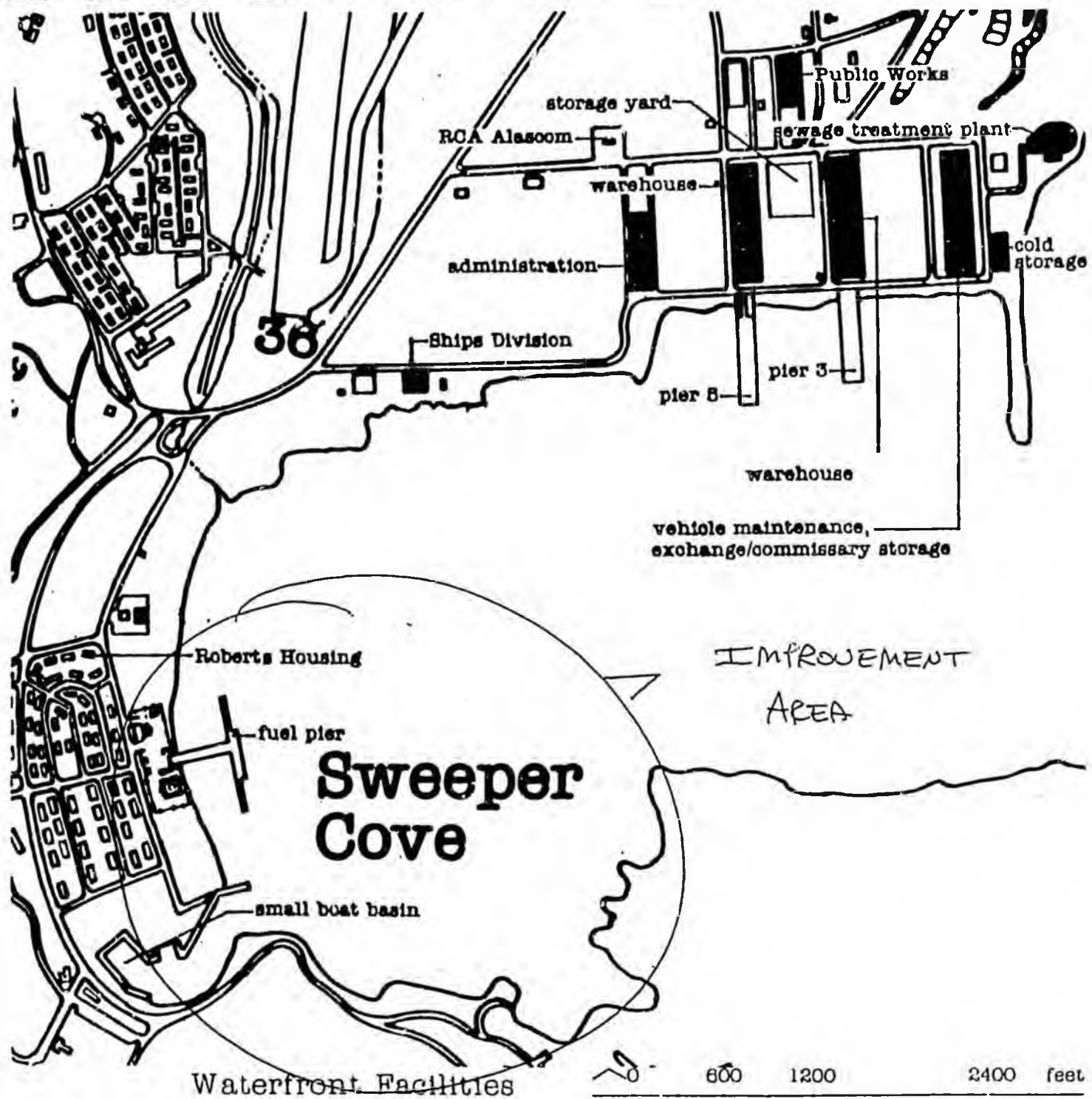


FIGURE IB-3.1

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

3132 CHANNEL DRIVE
JUNEAU, ALASKA 99801-7898
PHONE: (907) 465-3979
TEXT TELEPHONE: (907) 465-3652
FAX: (907) 586-8365

March 22, 1999

Carrie Williams, City Manager
City of Whittier
P.O. Box 608
Whittier, AK 99693

Dear Ms. Williams:

Last March you stated a desire to explore the possibility of a transfer and the appropriate level of effort toward deferred maintenance to enable the City to confidently accept full ownership responsibility. In the intervening year, City has identified several issues that might affect the State's estimate. In response to your March 17, 1998 letter and subsequent discussions, we have reviewed in detail the harbor features and their condition. That review included additional site visits by State employees, contracted engineers, and reviews of past records, reports, and project histories.


Consequently, we have modified previous estimates to provide allowance for removing underground tanks, and replacing armor stone on approximately 250-feet of the rubble breakwater. The dock, catwalk, and dolphin adjacent to the harbor were added to the inventory and allowances for fender pile and rail were added to the State's estimate.

From all of the above, we have concluded that a fair and reasonable estimate to bring the entire Whittier Small Boat Harbor to fair to good condition is \$1,835,600. Total replacement of floats and other major features is not considered necessary at this time; the estimate provides a generous allowance for local decisions on the scope of repair and renovations. The final scope of work would be a local decision with appropriate public involvement.

While is no pending appropriation bill for harbor transfers and deferred maintenance this session, the Department would support a legislative appropriation for the Whittier Harbor in the above amount for that purpose.

If you or your staff have further questions about the estimate please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosure (1)

cc: Rex Young, Area Planner, Central Region
Robert Norton, Chief Property Management and Leasing, Central Region
Jerry Durnil, Harbormaster, City of Whittier



THE CITY OF WHITTIER

Gateway to the Western Prince William Sound
P.O. Box 608 • Whittier, Alaska 99693 • (907) 472-2327 • Fax (907) 472-2404

Fax Transmittal

Date: April 12, 2000
To: Harold Moeser, DOT
Fax: 586-8365
From: Matt Rowley
RE: Whittier Resolution

Following is a copy of the resolution approved by the Whittier City Council in support of the City of Whittier acquiring ownership of the Whittier Small Boat Harbor.

Pages (Including Cover): 2

CITY OF WHITTIER, ALASKA
RESOLUTION 591-00

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WHITTIER,
ALASKA, IN SUPPORT OF THE CITY OF WHITTIER ACQUIRING OWNERSHIP
OF THE WHITTIER SMALL BOAT HARBOR.

WHEREAS, the City of Whittier has discussed with the Alaska Department of
Transportation the possibility of accepting possession, control, and title to the
Whittier Small Boat Harbor; and

WHEREAS, the City of Whittier is willing and able to accept title to and control of
the Whittier Small Boat Harbor, but the City is not able financially to accept title if
such acceptance would also require the City to assume responsibility for the deferred
maintenance;

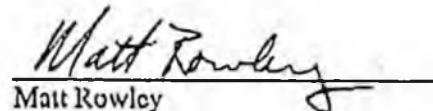
NOW, THEREFORE BE IT RESOLVED by the City of Whittier Council that City of
Whittier wishes to inform the Alaska Department of Transportation and the Alaska
Legislature that the City wishes to receive title to the Whittier Small Boat Harbor and
will accept a conveyance of the Small Boat Harbor if such conveyance is coupled
with an appropriation of funds sufficient to pay for deferred maintenance.

PASSED AND APPROVED by a duly constituted quorum of the Whittier City Council on
this 11th day of April, 2000.

ATTEST:



Arlen Arneson
Vice Mayor



Matt Rowley
City Clerk

Ayes: 6
Noes: 0
Absent: 1
Abstain: 0



Summary Information

Introduction:

The Whittier Harbor has a capacity of approximately 338 vessels. The facility includes the moorage floats, a boat lift, city dock, launching ramps and a fuel float. Upland facilities, the harbor office, the transient (passenger) float, ocean dock, boat lift and breakwater are also described in the Whittier Small Boat Harbor Agreement DBH 95001.

Scope of surveys:

The Department of Transportation and Public Facilities completed a comprehensive survey and inventory of all public harbor facilities in Alaska in 1992. The latest site survey at the Whittier Harbor was conducted on June 23 and July 30, 1998 and documented in the INVENTORY AND CONDITION REPORT from the Alaska Harbor Management System (AHMS) dated August 27, 1998. The State provided the City of Whittier funding for the Whittier Small Boat Harbor, Whittier Alaska, Electrical Survey PDC, Inc #975054. The Ocean Dock is also a State owned facility that was added to the inventory. These reports and condition assessments have been considered in this recommendation.

Basis of estimate:

The estimated replacement costs (in-kind replacement costs for new construction) were assigned to each item in the inventory. These costs were based on 1992 construction cost data. The estimates of proposed State action include an allowance for price adjustment to the year 2000, design, engineering and construction administration services, an allowance for demolition, disposal and mobilization, and a contingency for unidentified work items, and temporary relocation of utilities. The conditions found and the estimate to bring the State owned Whittier Harbor Facilities up to good standard is found in the Schedule of Cost. This estimate is for repairs and renovations to the Whittier Harbor making it suitable for transfer of ownership to the City of Whittier. This estimate is fair and reasonable for the stated purpose.

Summary Estimate:

The following information summarizes the Schedule of costs.

Inventoried Replacement Value (IRV) of all facilities and features in the State's Whittier Harbor Inventory.	\$11,387,090
In-place Value of all features (State and Local) at current conditions estimated from current condition and remaining life.	\$9,198,774
In-place Value of State owned facilities and features estimated from current condition and remaining life.	\$8,907,808
The estimated cost to fund the proposed State action is:	\$ 1,835,601

Recommendation:

The recommended appropriation request (in thousands) is:

Whittier Harbor Transfer \$ 1,835.6

Acceptance by the City of Whittier: (resolution attached)

Tables

Table 1. Definitions of condition assessments

Condition Code	Condition Assessment	Description of condition
1	Failed	Item condition is broken, worn or at otherwise at the end of its useful life needing replacement or major repair. No in-place value remaining.
2	Poor	Item condition is broken, worn or at otherwise near the end of its useful life needing replacement or major repair but still providing some nominal level of function. Approximately 22.5% of in-place value remaining. Item should be scheduled for replacement immediately for small components, or if a major component of a feature, the feature should be programmed for replacement in the next 5 years.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed, at approximate its half life at normal exposure and service conditions. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal wear and tear.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 67.5% in-place value remaining
5	New	Condition found is near new with little evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 90% or better in-place value remaining.

Table 2: Condition Assessment codes for proposed DOT&PF Action

Condition Code	Condition Assessed	Action Proposed by DOT&PF
1	Failed	Complete replacement of item at 100% of estimated cost.
2	Poor	Complete replacement of item at 100% of estimated cost.
3	Fair	Bring up to good or new condition (50% of estimated replacement cost)
4	Good	No action
5	New	No action

Table 3: Adjustment factors for 1998 cost estimate

Factor	Adjustment Factor	Description
Inflation	12%	1.5% inflation to 1999, compounded annually to account for increased cost since the 1992 construction cost database was established.
Design	6%	Design engineering to prepare plans, specifications and estimates are calculated as a percentage of construction.
Construction Services	10%	Construction services include engineering support during construction, on-site project coordination and inspection, and final project close out procedures.
Allowance for demolition, disposal and mobilization	35%	Work items associated with preparation, staging equipment, delivery of materials and other contractor costs associated with construction contract independent of unit price costs.
Contingency	10%	for unidentified work elements, temporary relocation of utilities and facilities necessary to undertake the proposed renovation.

Sci. of Costs

													Owner			
ID	Feature	Item	Feat Ext	Code	Quantity	Unit	Con diti on	Desc.	Estimated Replacement Cost	In-Place Value all Facilities	State or Other	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action	
WHIIBR	Approach & Gangway	Decking (for fixed structures)	AG 1	D17	88	lin ft	3	fair	\$20,640	\$9,288	State	\$20,640	\$9,288	\$10,320	\$17,854	
WHIIBR	Approach & Gangway	Railing	AG 1	D41	152	lin ft	3	fair	\$3,800	\$1,710	State	\$3,800	\$1,710	\$1,900	\$3,287	
WHIIBR	Approach & Gangway	Abutment	AG 1	H11	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0	
WHIIBR	Approach & Gangway	Piling	AG 1	H15	10	each	4	good	\$24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0	
WHIIBR	Approach & Gangway	Cross Braces	AG 1	H16	2	each	1	failed	\$400	\$0	State	\$400	\$0	\$400	\$892	
WHIIBR	Approach & Gangway	Cross Braces	AG 1	H16	10	each	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0	
WHIIBR	Approach & Gangway	Support Structure	AG 1	H17	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Deck/Skld	AG 1	H18	1	each	4	good	\$3,180	\$2,147	State	\$3,180	\$2,147	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Hinge (top)	AG 1	H19	2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Railing	AG 1	H20	108	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Support Structure	AG 1	H21	1	each	4	good	\$19,080	\$12,879	State	\$19,080	\$12,879	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Toe (bottom)	AG 1	H22	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Utilities-Light Distribution System	AG 1	H77	1	each	4	good	\$8,750	\$4,558	State	\$8,750	\$4,558	\$0	\$0	
WHIIBR	Approach & Gangway	Decking (for fixed structures)	AG 2	D17	76	lin ft	4	good	\$22,800	\$15,390	State	\$22,800	\$15,390	\$0	\$0	
WHIIBR	Approach & Gangway	Railing	AG 2	D41	158	lin ft	4	good	\$3,900	\$2,633	State	\$3,900	\$2,633	\$0	\$0	
WHIIBR	Approach & Gangway	Abutment	AG 2	H11	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0	
WHIIBR	Approach & Gangway	Piling	AG 2	H15	8	each	4	good	\$21,000	\$14,175	State	\$21,000	\$14,175	\$0	\$0	
WHIIBR	Approach & Gangway	Support Structure	AG 2	H17	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Deck/Skld	AG 2	H18	1	each	3	fair	\$3,840	\$1,728	State	\$3,840	\$1,728	\$1,020	\$3,322	
WHIIBR	Approach & Gangway	Gangway Hinge (top)	AG 2	H19	2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Railing	AG 2	H20	128	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Support Structure	AG 2	H21	1	each	4	good	\$23,040	\$15,552	State	\$23,040	\$15,552	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Toe (bottom)	AG 2	H22	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Decking (for fixed structures)	AG 3	D17	52	lin ft	4	good	\$12,480	\$8,424	State	\$12,480	\$8,424	\$0	\$0	
WHIIBR	Approach & Gangway	Railing	AG 3	D41	104	lin ft	5	new	\$2,800	\$2,340	State	\$2,800	\$2,340	\$0	\$0	
WHIIBR	Approach & Gangway	Abutment	AG 3	H11	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0	
WHIIBR	Approach & Gangway	Piling	AG 3	H15	8	each	4	good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0	
WHIIBR	Approach & Gangway	Cross Braces	AG 3	H16	8	each	5	new	\$1,600	\$1,440	State	\$1,600	\$1,440	\$0	\$0	
WHIIBR	Approach & Gangway	Support Structure	AG 3	H17	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Deck/Skld	AG 3	H18	1	each	5	new	\$3,850	\$3,465	State	\$3,850	\$3,465	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Hinge (top)	AG 3	H19	2	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Railing	AG 3	H20	140	lin ft	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Support Structure	AG 3	H21	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Toe (bottom)	AG 3	H22	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Component - Other (see comments)	AG 3	H99	5	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Decking (for fixed structures)	AG 4	D17	64	lin ft	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0	
WHIIBR	Approach & Gangway	Railing	AG 4	D41	128	lin ft	4	good	\$4,480	\$3,024	State	\$4,480	\$3,024	\$0	\$0	
WHIIBR	Approach & Gangway	Abutment	AG 4	H11	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0	
WHIIBR	Approach & Gangway	Piling	AG 4	H15	2	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0	
WHIIBR	Approach & Gangway	Support Structure	AG 4	H17	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Approach & Gangway	Gangway Deck/Skld	AG 4	H18	1	each	4	good	\$4,020	\$2,714	State	\$4,020	\$2,714	\$0	\$0	

Prepared By:
Harold Moeser, P.E.
2/5/99

Sch. of Costs

Item ID	Feature	Item	Ext	Code	Quantity	Unit	Con dition	Desc	Estimated Replacement Cost	In-Place Value all Facilities	Owner		Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action
											State	Other				
WHIHBR	Approach & Gangway	Gangway Hinge (top)	AG 4	H19	2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIHBR	Approach & Gangway	Gangway Railing	AG 4	H20	134	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIHBR	Approach & Gangway	Gangway Support Structure	AG 4	H21	1	each	4	good	\$24,120	\$16,281	State	\$24,120	\$16,281	\$0	\$0	\$0
WHIHBR	Approach & Gangway	Gangway Toe (bottom)	AG 4	H22	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
Approach & Gangway Total									\$258,980			\$258,980	\$169,980	\$14,540	\$25,154	
WHIHBR	Boat Lift	Railing	BL	D41	108	lin ft	4	good	\$2,650	\$1,789	State	\$2,650	\$1,789	\$0	\$0	\$0
WHIHBR	Boat Lift	Piling	BL	H15	4	each	4	good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0	\$0
WHIHBR	Boat Lift	Piling	BL	H15	2	each	3	fair	\$9,800	\$4,410	State	\$9,800	\$4,410	\$4,900	\$8,477	\$0
WHIHBR	Boat Lift	Piling	BL	H15	10	each	4	good	\$49,000	\$33,075	State	\$49,000	\$33,075	\$0	\$0	\$0
WHIHBR	Boat Lift	Boat Holst	BL	H43	1	each	4	good	\$60,000	\$40,500	State	\$60,000	\$40,500	\$0	\$0	\$0
WHIHBR	Boat Lift	Lift Deck	BL	H44	424	sq ft	4	good	\$10,600	\$7,155	State	\$10,600	\$7,155	\$0	\$0	\$0
Boat Lift Total									\$148,850			\$148,850	\$98,269	\$4,900	\$8,477	
WHIHBR	Breakwater	Rubblemound	BW	H01	250	lin ft	3	fair	\$250,000	\$187,500	State	\$250,000	\$187,500	\$125,000	\$216,250	\$0
WHIHBR	Breakwater	Rubblemound	BW	H01	1500	lin ft	5	new	\$6,000,000	\$6,000,000	State	\$6,000,000	\$6,000,000	\$0	\$0	\$0
WHIHBR	Breakwater	Floating	BW	H02	125	lin ft	4	good	\$250,000	\$168,750	State	\$250,000	\$168,750	\$0	\$0	\$0
WHIHBR	Breakwater	Barrier	BW	H03	225	lin ft	4	good	\$562,500	\$379,888	State	\$562,500	\$379,888	\$0	\$0	\$0
Breakwater Total									\$7,062,500			\$7,062,500	\$6,735,938	\$125,000	\$216,250	
WHIHBR	Dock (Pier)	Decking (for fixed structures)	DP	D17	290	lin ft	4	good	\$87,000	\$58,725	State	\$87,000	\$58,725	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Fendering System	DP	D22	07	lin ft	4	good	\$13,400	\$9,045	State	\$13,400	\$9,045	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Ladders	DP	D40	3	each	2	poor	\$1,500	\$338	State	\$1,500	\$338	\$1,500	\$2,585	\$0
WHIHBR	Dock (Pier)	Ladders	DP	D40	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Railing	DP	D41	104	lin ft	3	fair	\$2,600	\$1,170	State	\$2,600	\$1,170	\$1,300	\$2,249	\$0
WHIHBR	Dock (Pier)	Life Rings or Equivalent	DP	D42	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Abulment	DP	H11	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Piling	DP	H15	4	each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Piling	DP	H15	44	each	4	good	\$154,000	\$103,950	State	\$154,000	\$103,950	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Cross Braces	DP	H18	2	each	2	poor	\$400	\$0	State	\$400	\$0	\$400	\$892	\$0
WHIHBR	Dock (Pier)	Cross Braces	DP	H18	15	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Utilities - Water System (general)	DP	H81	1	each	4	good	\$6,960	\$4,698	State	\$6,960	\$4,698	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Fire Protection - Extinguishers	DP	H94	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	\$0
WHIHBR	Dock (Pier)	Fire Protection - Other (see comm.)	DP	H97	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
Dock (Pier) Total									\$287,360			\$287,360	\$192,528	\$3,200	\$5,538	
WHIHBR	Fuel Float	Ladders	FF	D40	2	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIHBR	Fuel Float	Piling	FF	H15	4	each	5	new	\$9,600	\$8,640	State	\$9,600	\$8,640	\$0	\$0	\$0
WHIHBR	Fuel Float	Float Structure (Deck)	FF	H27	60	lin ft	5	new	\$120,000	\$108,000	State	\$120,000	\$108,000	\$0	\$0	\$0
WHIHBR	Fuel Float	Pile Guides (Heavy Duty)	FF	H32B	4	each	5	new	\$2,000	\$1,800	State	\$2,000	\$1,800	\$0	\$0	\$0
WHIHBR	Fuel Float	Fuel Tanks - Other (see comments)	FF	H42	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIHBR	Fuel Float	Facilities - Other (see comments)	FF	H73	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIHBR	Fuel Float	Utilities - Power System (floats)	FF	H78A	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIHBR	Fuel Float	Utilities - Water System (floats)	FF	H81A	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIHBR	Fuel Float	Utility System - Other (see comments)	FF	H93	5	other	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0

Prepared By:
Harold Moeser, P.E.
2/5/99

Schedule of Costs

ID	Feature	Item	Feat. Ext.	Code	Quantity	Unit	Con. Dist.	Desc.	Estimated Replacement Cost	In-Place Value of Facilities	State or Other	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action
WHIIBR	Fuel Float	Fire Protection - Extinguishers	FF	H94	2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
WHIIBR	Fuel Float	Fire Protection - Other (see comm.)	FF	H97	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Component - Other (see comments)	FF	H99	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Component - Other (see comments)	FF	H99	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Component - Other (see comments)	FF	H99	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
Fuel Float Total									\$132,600			\$132,600	\$118,115	\$0	\$0
WHIIBR	Grid	Ladders	G 1	D40	2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
WHIIBR	Grid	Railing	G 1	D41	134	lin ft	4	good	\$3,350	\$2,281	State	\$3,350	\$2,281	\$0	\$0
WHIIBR	Grid	Top Beams	G 1	H50	10	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
WHIIBR	Grid	Bearing Piles	G 1	H51	50	each	4	good	\$75,000	\$50,625	State	\$75,000	\$50,625	\$0	\$0
WHIIBR	Grid	Breasting Piles	G 1	H52	8	each	4	good	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
WHIIBR	Grid	Catwalks	G 1	H55	1	each	4	good	\$17,520	\$11,828	State	\$17,520	\$11,828	\$0	\$0
WHIIBR	Grid	Utilities - Power System (general)	G 1	H78	1	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
WHIIBR	Grid	Utilities - Water System (general)	G 1	H81	1	each	4	failed	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Grid	Component - Other (see comments)	G 1	H89	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Grid	Component - Other (see comments)	G 1	H99	64	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Grid	Component - Other (see comments)	G 1	H99	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Grid	Ladders	G 2	D40	2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
WHIIBR	Grid	Railing	G 2	D41	188	lin ft	4	good	\$4,700	\$3,173	State	\$4,700	\$3,173	\$0	\$0
WHIIBR	Grid	Cross Braces	G 2	H16	8	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
WHIIBR	Grid	Top Beams	G 2	H50	8	each	4	good	\$8,000	\$5,400	State	\$8,000	\$5,400	\$0	\$0
WHIIBR	Grid	Bearing Piles	G 2	H51	16	each	4	good	\$32,000	\$21,600	State	\$32,000	\$21,600	\$0	\$0
WHIIBR	Grid	Breasting Piles	G 2	H52	8	each	4	good	\$16,000	\$10,800	State	\$16,000	\$10,800	\$0	\$0
WHIIBR	Grid	Catwalks	G 2	H55	1	each	4	good	\$10,440	\$7,047	State	\$10,440	\$7,047	\$0	\$0
WHIIBR	Grid	Catwalks	G 2	H55	1	each	4	good	\$8,640	\$5,832	State	\$8,640	\$5,832	\$0	\$0
WHIIBR	Grid	Utilities - Power System (general)	G 2	H78	1	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
WHIIBR	Grid	Utilities - Water System (general)	G 2	H81	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Grid	Fire Protection - Extinguishers	G 2	H94	1	each	2	poor	\$500	\$113	State	\$500	\$113	\$500	\$865
WHIIBR	Grid	Component - Other (see comments)	G 2	H99	116	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Grid	Component - Other (see comments)	G 2	H99	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
Grid Total									\$210,550			\$210,550	\$141,898	\$500	\$865
WHIIBR	Gangway Float	Float Structure (Deck)	GF 1	H27	16	lin ft	2	poor	\$7,280	\$1,638	State	\$7,280	\$1,638	\$7,280	\$12,594
WHIIBR	Gangway Float	Float Hinges (Heavy Duty)	GF 1	H29B	2	each	2	poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,078
WHIIBR	Gangway Float	Utilities - Power System (general)	GF 1	H78	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Gangway Float	Utilities - Power System (floats)	GF 1	H78A	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Gangway Float	Disposal - Holding Tanks	GF 1	H85		gal	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
WHIIBR	Gangway Float	Float Structure (Deck)	GF 2	H27	16	lin ft	2	poor	\$6,720	\$1,512	State	\$6,720	\$1,512	\$6,720	\$11,828
WHIIBR	Gangway Float	Float Hinges (Heavy Duty)	GF 2	H29B	2	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,038
WHIIBR	Gangway Float	Utilities - Water System (general)	GF 2	H81	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
Gangway Float Total									\$18,400			\$18,400	\$3,060	\$15,800	\$27,334
WHIIBR	Launch Ramp	Abutment	LR 1	H11	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0

Schedule of Costs

													Owner:			
ID	Feature	Item	Feat. Ext.	Code	Quantity	Unit	Con. dition	Desc.	Estimated Replacement Cost	In-Place Value of Facilities	"State or Other"	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action	
WHIIBR	Launch Ramp	Piling	LR 1	H15	1 each	4	good		\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0	
WHIIBR	Launch Ramp	Piling	LR 1	H15	2 each	4	good		\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0	
WHIIBR	Launch Ramp	Float Hinges (Standard)	LR 1	H29A	8 each	2	poor		\$3,200	\$720	State	\$3,200	\$720	\$3,200	\$5,538	
WHIIBR	Launch Ramp	Float Hinges (Standard)	LR 1	H29A	6 each	4	good		\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0	
WHIIBR	Launch Ramp	Pile Guides (Standard)	LR 1	H32A	3 each	3	fair		\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,038	
WHIIBR	Launch Ramp	Ramp Length	LR 1	H60	180 lin ft	4	good		\$57,600	\$38,880	State	\$57,600	\$38,880	\$0	\$0	
WHIIBR	Launch Ramp	Ramp Float	LR 1	H61	144 each	4	good		\$19,872	\$13,414	State	\$19,872	\$13,414	\$0	\$0	
WHIIBR	Launch Ramp	Fire Protection - Extinguishers	LR 1	H94	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0	
WHIIBR	Launch Ramp	Ramp Length	LR 1B	H60	180 lin ft	4	good		\$57,600	\$38,880	State	\$57,600	\$38,880	\$0	\$0	
WHIIBR	Launch Ramp	Life Rings or Equivalent	LR 2	D42	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Launch Ramp	Abutment	LR 2	H11	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Launch Ramp	Piling	LR 2	H15	1 each	1	failed		\$1,500	\$0	State	\$1,500	\$0	\$1,500	\$2,595	
WHIIBR	Launch Ramp	Piling	LR 2	H15	5 each	4	good		\$7,500	\$5,063	State	\$7,500	\$5,063	\$0	\$0	
WHIIBR	Launch Ramp	Float Hinges (Standard)	LR 2	H29A	26 each	4	good		\$10,400	\$7,020	State	\$10,400	\$7,020	\$0	\$0	
WHIIBR	Launch Ramp	Pile Guides (Standard)	LR 2	H32A	6 each	4	good		\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0	
WHIIBR	Launch Ramp	Ramp Length	LR 2	H60	180 lin ft	3	fair		\$72,000	\$32,400	State	\$72,000	\$32,400	\$36,000	\$82,280	
WHIIBR	Launch Ramp	Ramp Float	LR 2	H61	266 each	4	good		\$36,708	\$24,778	State	\$36,708	\$24,778	\$0	\$0	
WHIIBR	Launch Ramp	Fire Protection - Extinguishers	LR 2	H94	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0	
WHIIBR	Launch Ramp	Ramp Length	LR 2D	H60	180 lin ft	3	fair		\$57,600	\$25,920	State	\$57,600	\$25,920	\$28,800	\$40,824	
Launch Ramp Total									\$335,980			\$335,980	\$194,904	\$70,100	\$121,273	
WHIIBR	Main Float	Piling	MF A	H15	1 each	3	fair		\$1,800	\$810	State	\$1,800	\$810	\$000	\$1,557	
WHIIBR	Main Float	Piling	MF A	H15	17 each	4	good		\$30,600	\$20,655	State	\$30,600	\$20,655	\$0	\$0	
WHIIBR	Main Float	Float Structure (Deck)	MF A	H27	72 lin ft	3	fair		\$25,920	\$11,664	State	\$25,920	\$11,664	\$12,060	\$22,421	
WHIIBR	Main Float	Float Structure (Deck)	MF A	H27	154 lin ft	4	good		\$55,440	\$37,422	State	\$55,440	\$37,422	\$0	\$0	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF A	H32B	18 each	4	good		\$9,000	\$6,075	State	\$9,000	\$6,075	\$0	\$0	
WHIIBR	Main Float	Utilities-Light Distribution System	MF A	H77	1 each	3	fair		\$13,560	\$8,102	State	\$13,560	\$8,102	\$6,780	\$11,728	
WHIIBR	Main Float	Utilities - Power System (floats)	MF A	H78A	1 each	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Utilities - Water System (floats)	MF A	H81A	1 each	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Fire Protection - Extinguishers	MF A	H94	3 each	5	new		\$1,500	\$1,350	State	\$1,500	\$1,350	\$0	\$0	
WHIIBR	Main Float	Fire Protection - Other (see comm.)	MF A	H97	1	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Component - Other (see comments)	MF A	H99	7 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Piling	MF B	H15	2 each	3	fair		\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,114	
WHIIBR	Main Float	Piling	MF B	H15	14 each	4	good		\$25,200	\$17,010	State	\$25,200	\$17,010	\$0	\$0	
WHIIBR	Main Float	Float Structure (Deck)	MF B	H27	265 lin ft	4	good		\$71,550	\$48,298	State	\$71,550	\$48,298	\$0	\$0	
WHIIBR	Main Float	Float Hinges (Heavy Duty)	MF B	H29B	2 each	4	good		\$1,200	\$810	State	\$1,200	\$810	\$0	\$0	
WHIIBR	Main Float	Pile Guides (Standard)	MF B	H32A	4 each	3	fair		\$1,600	\$720	State	\$1,600	\$720	\$600	\$1,384	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF B	H32B	12 each	4	good		\$8,000	\$4,050	State	\$8,000	\$4,050	\$0	\$0	
WHIIBR	Main Float	Finger (or Stall) Floats	MF B	H35	8 each	4	good		\$41,472	\$27,094	State	\$41,472	\$27,094	\$0	\$0	
WHIIBR	Main Float	Finger (or Stall) Floats	MF B	H35	2 each	4	good		\$18,144	\$12,247	State	\$18,144	\$12,247	\$0	\$0	
WHIIBR	Main Float	Finger Float Hinges (Standard)	MF B	H38A	2 each	2	poor		\$600	\$135	State	\$600	\$135	\$600	\$1,038	
WHIIBR	Main Float	Finger Float Hinges (Heavy Duty)	MF B	H38B	18 each	4	good		\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0	

Prepared By:
Harold Moeser, P.E.
2/5/99

Schedule of Costs

													Owner			
Item	Feature	Item	Feat Ext	Code	Quant	Unit	Con	Disc	Estimated Replacement Cost	In-Place Value all Facilities	State or Other	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action	
WHIIBR	Main Float	Utilities - Light Distribution System	MF B	H77	1	each	3	fair	\$22,065	\$10,334	State	\$22,065	\$10,334	\$11,483	\$10,865	
WHIIBR	Main Float	Utilities - Power System (floats)	MF B	H78A	1	each	3	fair	\$10,000	\$4,500	State	\$10,000	\$4,500	\$5,000	\$8,650	
WHIIBR	Main Float	Utilities - Water System (floats)	MF B	H81A	1	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0	
WHIIBR	Main Float	Disposal - Other (see comments)	MF B	H88	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Fire Protection - Extinguishers	MF B	H94	3	each	4	good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0	
WHIIBR	Main Float	Fire Protection - Other (see comm.)	MF B	H97	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Piling	MF C	H15	25	each	4	good	\$45,000	\$30,375	State	\$45,000	\$30,375	\$0	\$0	
WHIIBR	Main Float	Float Structure (Deck)	MF C	H27	320	lin ft	4	good	\$86,400	\$58,320	State	\$86,400	\$58,320	\$0	\$0	
WHIIBR	Main Float	Float Hinges (Heavy Duty)	MF C	H29B	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0	
WHIIBR	Main Float	Pile Guides (Standard)	MF C	H32A	24	each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF C	H32B	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	
WHIIBR	Main Float	Finger (or Stall) Floats	MF C	H35	15	each	4	good	\$56,700	\$38,273	State	\$56,700	\$38,273	\$0	\$0	
WHIIBR	Main Float	Finger (or Stall) Floats	MF C	H35	1	each	4	good	\$8,640	\$5,832	State	\$8,640	\$5,832	\$0	\$0	
WHIIBR	Main Float	Finger Float Hinges (Heavy Duty)	MF C	H38B	32	each	3	fair	\$10,200	\$8,640	State	\$10,200	\$8,640	\$9,600	\$18,608	
WHIIBR	Main Float	Utilities - Light Distribution System	MF C	H77	1	each	3	fair	\$20,500	\$11,925	State	\$20,500	\$11,925	\$13,250	\$22,023	
WHIIBR	Main Float	Utilities - Power System (floats)	MF C	H78A	1	each	2	poor	\$18,000	\$3,600	State	\$16,000	\$3,600	\$18,000	\$27,880	
WHIIBR	Main Float	Utilities - Water System (floats)	MF C	H81A	1	each	4	good	\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0	
WHIIBR	Main Float	Fire Protection - Extinguishers	MF C	H94	2	each	5	new	\$1,000	\$900	State	\$1,000	\$900	\$0	\$0	
WHIIBR	Main Float	Fire Protection - Other (see comm.)	MF C	H97	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Piling	MF D	H15	27	each	3	fair	\$40,500	\$18,225	State	\$40,500	\$18,225	\$20,250	\$35,033	
WHIIBR	Main Float	Float Structure (Deck)	MF D	H27	40	lin ft	2	poor	\$9,800	\$2,160	State	\$9,600	\$2,160	\$9,600	\$18,608	
WHIIBR	Main Float	Float Structure (Deck)	MF D	H27	300	lin ft	3	fair	\$72,000	\$32,400	State	\$72,000	\$32,400	\$38,000	\$82,280	
WHIIBR	Main Float	Float Hinges (Heavy Duty)	MF D	H29B	2	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$800	\$1,038	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF D	H32B	3	each	1	failed	\$1,500	\$0	State	\$1,500	\$0	\$1,500	\$2,595	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF D	H32B	4	each	2	poor	\$2,000	\$450	State	\$2,000	\$450	\$2,000	\$3,460	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF D	H32B	18	each	3	fair	\$9,000	\$4,050	State	\$9,000	\$4,050	\$4,500	\$7,785	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF D	H32B	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	
WHIIBR	Main Float	Pile Guides (Heavy Duty)	MF D	H32B	1	each	5	new	\$500	\$450	State	\$500	\$450	\$0	\$0	
WHIIBR	Main Float	Finger (or Stall) Floats	MF D	H35	1	each	3	fair	\$2,511	\$1,130	State	\$2,511	\$1,130	\$1,250	\$2,172	
WHIIBR	Main Float	Finger (or Stall) Floats	MF D	H35	5	each	2	poor	\$12,960	\$2,910	State	\$12,980	\$2,910	\$12,960	\$22,421	
WHIIBR	Main Float	Finger (or Stall) Floats	MF D	H35	7	each	3	fair	\$18,144	\$8,165	State	\$18,144	\$8,165	\$9,072	\$15,805	
WHIIBR	Main Float	Finger (or Stall) Floats	MF D	H35	4	each	4	good	\$10,368	\$6,998	State	\$10,368	\$6,998	\$0	\$0	
WHIIBR	Main Float	Finger (or Stall) Floats	MF D	H35	1	each	2	poor	\$8,262	\$1,859	State	\$8,262	\$1,859	\$8,262	\$14,203	
WHIIBR	Main Float	Finger Float Hinges (Heavy Duty)	MF D	H38B	34	each	3	fair	\$20,400	\$9,180	State	\$20,400	\$9,180	\$10,200	\$17,848	
WHIIBR	Main Float	Utilities - Light Distribution System	MF D	H77	1	each	3	fair	\$23,275	\$10,474	State	\$23,275	\$10,474	\$11,038	\$20,133	
WHIIBR	Main Float	Utilities - Power System (floats)	MF D	H78A	1	each	2	poor	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$31,140	
WHIIBR	Main Float	Utilities - Water System (floats)	MF D	H81A	1	each	3	fair	\$5,400	\$2,430	State	\$5,400	\$2,430	\$2,700	\$4,671	
WHIIBR	Main Float	Fire - Hydrant System (floats)	MF D	H93A	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIIBR	Main Float	Fire Protection - Extinguishers	MF D	H94	3	each	5	new	\$1,500	\$1,350	State	\$1,500	\$1,350	\$0	\$0	
WHIIBR	Main Float	Piling	MF E	H15	11	each	3	fair	\$16,500	\$7,425	State	\$16,500	\$7,425	\$8,250	\$14,273	
WHIIBR	Main Float	Float Structure (Deck)	MF E	H27	38	lin ft	2	poor	\$9,120	\$2,052	State	\$9,120	\$2,052	\$9,120	\$15,778	

Schedule of Costs

ID#	Feature	Item	Mat	Feal Ext	Code	Quant	Unit	Con dition	Desc	Estimated Replacement Cost	In-Place Value all Facilities	Owner		Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action
												State or Other	Facilities				
WH11BR	Main Float	Float Structure (Deck)	MF E	H27	280	lin ft	3	fair		\$67,200	\$30,240	State	\$67,200	\$30,240	\$33,600	\$58,128	
WH11BR	Main Float	Float Hinges (Heavy Duty)	MF E	H29B	2	each	3	fair		\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,038	
WH11BR	Main Float	Pile Guides (Heavy Duty)	MF E	H32B	1	each	2	poor		\$500	\$113	State	\$500	\$113	\$500	\$885	
WH11BR	Main Float	Pile Guides (Heavy Duty)	MF E	H32B	10	each	3	fair		\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,325	
WH11BR	Main Float	Finger (or Stall) Floats	MF E	H35	1	each	2	poor		\$2,430	\$547	State	\$2,430	\$547	\$2,430	\$4,204	
WH11BR	Main Float	Finger (or Stall) Floats	MF E	H35	19	each	3	fair		\$48,170	\$20,777	State	\$46,170	\$20,777	\$23,085	\$39,037	
WH11BR	Main Float	Utilities-Light Distribution System	MF E	H77	1	each	3	fair		\$21,720	\$9,774	State	\$21,720	\$9,774	\$10,860	\$18,788	
WH11BR	Main Float	Utilities - Power System (floats)	MF E	H78A	1	each	2	poor		\$20,000	\$4,500	State	\$20,000	\$4,500	\$20,000	\$34,600	
WH11BR	Main Float	Utilities - Water System (floats)	MF E	H81A	1	each	3	fair		\$8,000	\$2,700	State	\$8,000	\$2,700	\$3,000	\$5,100	
WH11BR	Main Float	Fire - Hydrant System (floats)	MF E	H93A	1	each	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0	
WH11BR	Main Float	Fire Protection - Extinguishers	MF E	H94	3	each	5	new		\$1,500	\$1,350	State	\$1,500	\$1,350	\$0	\$0	
WH11BR	Main Float	Piling	MF F	H15	12	each	3	fair		\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$15,570	
WH11BR	Main Float	Float Structure (Deck)	MF F	H27	304	lin ft	3	fair		\$54,720	\$24,624	State	\$54,720	\$24,624	\$27,360	\$47,333	
WH11BR	Main Float	Float Hinges (Heavy Duty)	MF F	H29B	2	each	3	fair		\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,038	
WH11BR	Main Float	Pile Guides (Heavy Duty)	MF F	H32B	1	each	2	poor		\$500	\$113	State	\$500	\$113	\$500	\$865	
WH11BR	Main Float	Pile Guides (Heavy Duty)	MF F	H32B	11	each	3	fair		\$5,500	\$2,475	State	\$5,500	\$2,475	\$2,750	\$4,758	
WH11BR	Main Float	Finger (or Stall) Floats	MF F	H35	4	each	2	poor		\$7,776	\$1,750	State	\$7,776	\$1,750	\$7,776	\$13,452	
WH11BR	Main Float	Finger (or Stall) Floats	MF F	H35	18	each	3	fair		\$34,992	\$15,748	State	\$34,992	\$15,748	\$17,498	\$30,288	
WH11BR	Main Float	Finger (or Stall) Floats	MF F	H35	2	each	4	good		\$3,888	\$2,624	State	\$3,888	\$2,624	\$0	\$0	
WH11BR	Main Float	Utilities-Light Distribution System	MF F	H77	1	each	3	fair		\$17,760	\$7,992	State	\$17,760	\$7,992	\$8,880	\$15,362	
WH11BR	Main Float	Utilities - Power System (floats)	MF F	H78A	1	each	2	poor		\$24,000	\$5,400	State	\$24,000	\$5,400	\$24,000	\$41,520	
WH11BR	Main Float	Utilities - Water System (floats)	MF F	H81A	1	each	3	fair		\$7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$9,228	
WH11BR	Main Float	Fire - Hydrant System (floats)	MF F	H93A	1	each	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0	
WH11BR	Main Float	Fire Protection - Extinguishers	MF F	H94	2	each	5	new		\$1,000	\$900	State	\$1,000	\$900	\$0	\$0	
WH11BR	Main Float	Piling	MF G	H15	11	each	3	fair		\$18,500	\$7,425	State	\$18,500	\$7,425	\$8,250	\$14,273	
WH11BR	Main Float	Float Structure (Deck)	MF G	H27	272	lin ft	3	fair		\$48,960	\$22,032	State	\$48,960	\$22,032	\$24,480	\$42,350	
WH11BR	Main Float	Float Hinges (Heavy Duty)	MF G	H29B	2	each	3	fair		\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,038	
WH11BR	Main Float	Pile Guides (Heavy Duty)	MF G	H32B	11	each	3	fair		\$5,500	\$2,475	State	\$5,500	\$2,475	\$2,750	\$4,758	
WH11BR	Main Float	Finger (or Stall) Floats	MF G	H35	2	each	2	poor		\$3,888	\$875	State	\$3,888	\$875	\$3,888	\$6,728	
WH11BR	Main Float	Finger (or Stall) Floats	MF G	H35	14	each	3	fair		\$27,218	\$12,247	State	\$27,218	\$12,247	\$13,808	\$23,542	
WH11BR	Main Float	Finger (or Stall) Floats	MF G	H35	6	each	4	good		\$11,664	\$7,873	State	\$11,664	\$7,873	\$0	\$0	
WH11BR	Main Float	Utilities-Light Distribution System	MF G	H77	1	each	3	fair		\$18,080	\$7,238	State	\$18,080	\$7,238	\$8,040	\$13,909	
WH11BR	Main Float	Utilities - Power System (floats)	MF G	H78A	1	each	2	poor		\$22,000	\$4,950	State	\$22,000	\$4,950	\$22,000	\$38,080	
WH11BR	Main Float	Utilities - Water System (floats)	MF G	H81A	1	each	3	fair		\$8,600	\$2,970	State	\$8,600	\$2,970	\$3,300	\$5,709	
WH11BR	Main Float	Fire - Hydrant System (floats)	MF G	H93A	1	each	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0	
WH11BR	Main Float	Fire Protection - Extinguishers	MF G	H94	3	each	5	new		\$1,500	\$1,350	State	\$1,500	\$1,350	\$0	\$0	
WH11BR	Main Float	Piling	MF H	H15	11	each	3	fair		\$18,500	\$7,425	State	\$18,500	\$7,425	\$8,250	\$14,273	
WH11BR	Main Float	Float Structure (Deck)	MF H	H27	24	lin ft	2	poor		\$4,320	\$972	State	\$4,320	\$972	\$4,320	\$7,474	
WH11BR	Main Float	Float Structure (Deck)	MF H	H27	48	lin ft	4	good		\$8,640	\$5,832	State	\$8,640	\$5,832	\$0	\$0	
WH11BR	Main Float	Float Structure (Deck)	MF H	H27	184	lin ft	3	fair		\$33,120	\$14,904	State	\$33,120	\$14,904	\$18,560	\$28,849	
WH11BR	Main Float	Float Hinges (Heavy Duty)	MF H	H29B	2	each	3	fair		\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,038	

Prepared By:
Harold Mooser, P. E.
2/5/99

Sci. of Costs

													Owner		
ID	Feature	Item	Fac Ext	Code	Quant	Unit	Con diti on	Desc	Estimated Replacement Cost	In-Place Value all Facilities	*State or Other	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action
W111HBR	Main Float	Pile Guides (Heavy Duty)	MF H	H32B	1	each	1	failed	\$500	\$0	State	\$500	\$0	\$500	\$865
W111HBR	Main Float	Pile Guides (Heavy Duty)	MF H	H32B	9	each	3	fair	\$4,500	\$2,025	State	\$4,500	\$2,025	\$2,250	\$3,893
W111HBR	Main Float	Pile Guides (Heavy Duty)	MF H	H32B	1	each	5	new	\$500	\$450	State	\$500	\$450	\$0	\$0
W111HBR	Main Float	Finger (or Stall) Floats	MF H	H35	5	each	2	poor	\$9,720	\$2,187	State	\$9,720	\$2,187	\$9,720	\$18,818
W111HBR	Main Float	Finger (or Stall) Floats	MF H	H35	8	each	3	fair	\$11,664	\$5,240	State	\$11,664	\$5,249	\$5,832	\$10,089
W111HBR	Main Float	Finger (or Stall) Floats	MF H	H35	9	each	4	good	\$17,408	\$11,810	State	\$17,498	\$11,810	\$0	\$0
W111HBR	Main Float	Utilities-Light Distribution System	MF H	H77	1	each	3	fair	\$14,880	\$6,698	State	\$14,880	\$6,698	\$7,440	\$12,871
W111HBR	Main Float	Utilities - Water System (floats)	MF H	H91A	5	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
W111HBR	Main Float	Fire Protection - Extinguishers	MF H	H94	3	each	5	new	\$1,500	\$1,350	State	\$1,500	\$1,350	\$0	\$0
W111HBR	Main Float	Life Rings or Equivalent	MF P	D12	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
W111HBR	Main Float	Navigation Aids-lights	MF P	D70	2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
W111HBR	Main Float	Piling	MF P	H15	2	each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
W111HBR	Main Float	Float Structure (Deck)	MF P	H27	60	lin ft	4	good	\$39,600	\$26,730	State	\$39,600	\$26,730	\$0	\$0
W111HBR	Main Float	Pile Guides (Heavy Duty)	MF P	H32B	2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
W111HBR	Main Float	Component - Other (see comments)	MF P	H99	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
Main Float Total									\$1,604,835			\$1,604,835	\$821,474	\$588,005	\$1,013,786
W111HBR	Marginal Float	Piling	MG X	H15	14	each	3	fair	\$21,000	\$9,450	State	\$21,000	\$9,450	\$10,500	\$18,185
W111HBR	Marginal Float	Float Structure (Deck)	MG X	H27	171	lin ft	2	poor	\$41,553	\$9,349	State	\$41,553	\$9,349	\$41,553	\$71,887
W111HBR	Marginal Float	Float Structure (Deck)	MG X	H27	171	lin ft	3	fair	\$41,553	\$18,699	State	\$41,553	\$18,699	\$20,777	\$35,943
W111HBR	Marginal Float	Pile Guides (Heavy Duty)	MG X	H32B	2	each	2	poor	\$1,000	\$225	State	\$1,000	\$225	\$1,000	\$1,730
W111HBR	Marginal Float	Pile Guides (Heavy Duty)	MG X	H32B	12	each	3	fair	\$8,000	\$2,700	State	\$8,000	\$2,700	\$3,000	\$5,190
W111HBR	Marginal Float	Finger (or Stall) Floats	MG X	H35	1	each	2	poor	\$1,044	\$437	State	\$1,944	\$437	\$1,044	\$3,363
W111HBR	Marginal Float	Finger (or Stall) Floats	MG X	H35	3	each	3	fair	\$5,832	\$2,624	State	\$5,832	\$2,624	\$2,918	\$5,045
W111HBR	Marginal Float	Finger (or Stall) Floats	MG X	H35	9	each	4	good	\$17,408	\$11,810	State	\$17,498	\$11,810	\$0	\$0
W111HBR	Marginal Float	Utilities-Light Distribution System	MG X	H77	1	each	3	fair	\$20,070	\$9,032	State	\$20,070	\$9,032	\$10,035	\$17,381
W111HBR	Marginal Float	Utility System - Other(see comments)	MG X	H83	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
W111HBR	Marginal Float	Fire - Hydrant System (floats)	MG X	H93A	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
W111HBR	Marginal Float	Fire Protection - Extinguishers	MG X	H94	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
W111HBR	Marginal Float	Fire Protection - Extinguishers	MG X	H94	1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$433
W111HBR	Marginal Float	Fire Protection - Other (see comm.)	MG X	H97	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
W111HBR	Marginal Float	Component - Other (see comments)	MG X	H99	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
W111HBR	Marginal Float	Float Structure (Deck)	MG Y	H27	73	lin ft	4	good	\$17,739	\$11,974	State	\$17,739	\$11,974	\$0	\$0
W111HBR	Marginal Float	Pile Guides (Heavy Duty)	MG Y	H32B	2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
W111HBR	Marginal Float	Piling	MG Z	H15	10	each	3	fair	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$12,975
W111HBR	Marginal Float	Float Structure (Deck)	MG Z	H27	112	lin ft	2	poor	\$27,218	\$6,124	State	\$27,218	\$6,124	\$27,218	\$47,084
W111HBR	Marginal Float	Float Structure (Deck)	MG Z	H27	330	lin ft	3	fair	\$81,848	\$38,742	State	\$81,848	\$38,742	\$40,824	\$70,628
W111HBR	Marginal Float	Pile Guides (Heavy Duty)	MG Z	H32B	9	each	3	fair	\$4,500	\$2,025	State	\$4,500	\$2,025	\$2,250	\$3,803
W111HBR	Marginal Float	Finger (or Stall) Floats	MG Z	H35	5	each	2	poor	\$9,720	\$2,187	State	\$9,720	\$2,187	\$9,720	\$18,818
W111HBR	Marginal Float	Finger (or Stall) Floats	MG Z	H35	11	each	3	fair	\$21,384	\$9,623	State	\$21,384	\$9,623	\$10,692	\$18,497
W111HBR	Marginal Float	Utilities-Light Distribution System	MG Z	H77	1	each	4	good	\$25,920	\$17,498	State	\$25,920	\$17,498	\$0	\$0
W111HBR	Marginal Float	Utility System - Other(see comments)	MG Z	H83	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0

Prepared By:
Harold Moeser, P. E.
2/5/99

Schedule of Costs

													Owner			
ID	Feature	Item	Feat Ext	Code	Quantity	Unit	Condition	Description	Estimated Replacement Cost	In-Place Value all Facilities	State or Other	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action	
WHIHBR	Marginal Float	Fire - Hydrant System (floats)	MG Z	H93A	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIHBR	Marginal Float	Fire Protection - Extinguishers	MG Z	H94	2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0	
WHIHBR	Marginal Float	Fire Protection - Extinguishers	MG Z	H94	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	
WHIHBR	Marginal Float	Component - Other (see comments)	MG Z	H99	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0	
Marginal Float Total									\$363,075			\$363,075	\$159,498	\$190,177	\$328,005	
WHIHBR	Upland Facilities	Fuel Tanks - Above Ground	UF	H40	48000	gal	3	fair	\$192,000	\$88,400	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Fuel Tanks - Other (see comments)	UF	H42	2	other	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Fuel Tanks - Other (see comments)	UF	H42	1	other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Facilities - Harbor Office	UF	H68	2700	sq ft	4	good	\$270,000	\$182,250	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Facilities - Restrooms	UF	H69	2	each	4	good	\$10,000	\$6,750	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Facilities - Showers	UF	H70	4	each	4	good	\$12,000	\$8,100	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Facilities - Parking (by stall)	UF	H71A	200	stalls	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Facilities - Upland Boat Storage	UF	H72	1.5	acres	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Utilities - Light Distribution System	UF	H77	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Utilities - Power System (general)	UF	H78	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Utilities - Water System (general)	UF	H81	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Disposal - Waste Oil Containers	UF	H86	100	gal	4	good	\$500	\$338	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Disposal - Solid Waste Containers	UF	H87	1056	cu ft	4	good	\$10,560	\$7,128	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Fire - Hydrant System (general)	UF	H93	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Component - Other (see comments)	UF	H99	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Underground Storage Tanks	UF		1	each	1	failed	\$50,000	\$0	State	\$20,000	\$0	\$20,000	\$34,600	
Upland Facilities Total									\$545,060	\$290,966		\$20,000	\$0	\$20,000	\$34,600	
Grand Total									\$10,966,190	\$8,928,535		\$10,441,130	\$8,637,570	\$1,030,221	\$1,782,282	
WHIDCK Ocean Dock Supplement													Owner			
ID	Feature	Item	Feat Ext	Code	Quantity	Unit	Condition	Description	Estimated Replacement Cost	In-Place Value	State or Other	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action	
WHIDCK	Dock (Pier)	Decking (for fixed structures)	DP O	D17	28	lin ft	4	good	20160	\$13,608	State	\$20,160	\$13,608	\$0	\$0	
WHIDCK	Dock (Pier)	Decking (for fixed structures)	DP O	D17	128	lin ft	4	good	153600	\$103,680	State	\$153,600	\$103,680	\$0	\$0	
WHIDCK	Dock (Pier)	Fendering System	DP O	D22	128	lin ft	2	poor	25600	\$5,760	State	\$25,600	\$5,760	\$25,600	\$44,288	
WHIDCK	Dock (Pier)	Mooring Dolphins	DP O	D30	1	each	4	good	120000	\$81,000	State	\$120,000	\$81,000	\$0	\$0	
WHIDCK	Dock (Pier)	Ladders	DP O	D40	3	each	4	good	1500	\$1,013	State	\$1,500	\$1,013	\$0	\$0	
WHIDCK	Dock (Pier)	Other Safety Items (see comments)	DP O	D43	6	other	4	good	0	\$0	State	\$0	\$0	\$0	\$0	
WHIDCK	Dock (Pier)	Piling	DP O	H15	18	each	4	good	89600	\$60,480	State	\$89,600	\$60,480	\$0	\$0	
WHIDCK	Dock (Pier)	Catwalks	DP O	H55	1	each	3	fair	10440	\$4,698	State	\$10,440	\$4,698	\$5,220	\$9,031	
									\$ 420,900	\$ 270,239		\$ 420,900	\$ 270,239	\$ 30,820	\$ 53,319	



OFFICE OF THE MAYOR

August 16, 2000

Commissioner Joseph L. Perkins
Department of Transportation and Public Facilities
3132 Channel Dr.
Juneau, AK 99801-7898

Dear Commissioner Perkins:

Enclosed you will find a copy of City of Valdez Resolution # 00-29 regarding our opposition to the State's local bonding requirement to pay for deferred maintenance of Harbor facilities. The City of Valdez is interested in assuming ownership of the harbor facilities, however we feel strongly that the State has an obligation to pay for the deferred maintenance of these facilities before we enter into any transfer agreement.

The City of Valdez and many other Alaskan communities have worked with DOT&PF and the legislature for many years to develop the harbor transfer program. Several communities have had the opportunity participate in the program and have successfully taken over the ownership of their harbors.

The passage of HB281 made a major change in the funding of this harbor transfer program by requiring the local communities to assume the burden for bonding for the funds necessary to complete the State's deferred maintenance. The City of Valdez opposes this requirement and will not assume ownership of the harbor facilities under these conditions. We urge you to work with the legislature to move the harbor transfer program forward on an equal basis for all communities.

Thank you for your consideration of this request. If we can provide you with additional information, please don't hesitate to contact Dave Dengel, City Manager, or myself at 835-4313.

Sincerely,

Dave C Cobb, Mayor
City of Valdez

cc: Harold Moeser, Ports and Harbor Engineer

CITY OF VALDEZ, ALASKA

RESOLUTION NO. 00-29

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, OPPOSING THE STATE'S LOCAL BONDING REQUIREMENT TO PAY FOR HARBOR DEFERRED MAINTENANCE.

WHEREAS, the State of Alaska Department of Transportation and Public Facilities (DOT&PF) has the authority to sell state-owned harbor facilities to an incorporated city; and

WHEREAS, the condition of the harbors and the ownership costs associated with major repairs and replacement have been a road block for communities to want to take over ownership of these state facilities; and

WHEREAS, in 1992, the State of Alaska DOT&PF initiated a transfer program that included appropriations for deferred maintenance purposes to communities who were willing to assume ownership of the facilities; and

WHEREAS, since 1992, 17 harbor facilities have been transferred, with a total state appropriation of \$20,624,100; and

WHEREAS, in 2000, 8 communities with 19 facilities were prepared to execute transfer agreements, subject to an appropriation of \$26,885,800; and

WHEREAS, last minute changes in HB 281 requires local communities to issue bonds to pay for the deferred maintenance with reimbursement subject to legislative appropriation; and

WHEREAS, the local communities do not support the revised legislation that shifts the burden of bonding for the funds onto the local communities who are accepting ownership of the State's poorly maintained facilities; and

WHEREAS, these communities have cooperated with DOT&PF for many years to develop the transfer program, have invested substantial funds in planning and design in preparation for the completion of the needed maintenance and repairs, have worked directly and cooperated fully with legislators for many years in the process of drafting alternative legislation, and deserve to be treated equally with other communities who have already received the deferred maintenance appropriations since 1992.

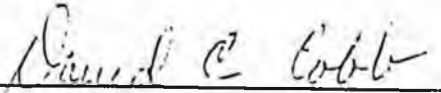
NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, that

Section 1. The City of Valdez opposes the requirement that requires local municipalities must bond to pay for the State's deferred maintenance costs for harbors.

Section 2. The City of Valdez will not assume ownership of the harbor facilities under these conditions.

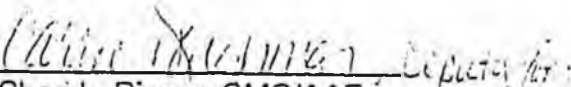
PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ,
ALASKA, this 17th day of July, 2000.

CITY OF VALDEZ, ALASKA



Dave C. Cobb, Mayor

ATTEST:


Sheri L. Pierce, GMC/AAE



Summary

Introduction:

The Valdez Harbor capacity is approximately 500 boats. The facility includes floats A,B,C,D,E,F,F,H,I,J,K, a launch ramp, grid, boat lift and dock. All facilities built after about 1981 were constructed by the City of Valdez with state and local funds. Floats A-G are owned by the State, it is assumed H-K, the boat lift and dock are owned by the City of Valdez. The facilities constructed before about 1981 are subject of a lease agreement with the City of Valdez.

Scope of surveys:

The Department of Transportation and Public Facilities completed a comprehensive survey and inventory of all public harbor facilities in Alaska in 1992. The harbor was surveyed in June 1992. The Facilities were surveyed again 1998 by the State. The City of Valdez contracted with Tryck, Nyman, and Hayes, Inc. to evaluate options for the reconstruction of the Valdez Small Boat Harbor. The report, City of Valdez, Small Boat Harbor Reconstruction of A-G Floats, Preliminary Design Study Report, May 29, 1998 has been considered in this recommendation.

Basis of estimate:

The estimated replacement costs (in-kind replacement costs for new construction) were assigned to each item on the inventory. These costs were based on 1992 construction cost data. The estimate of proposed State action include an allowance for price adjustment to the year 2000, design, engineering and construction administration services, an allowance for demolition and disposal, mobilization, and a contingency for identified work items, and temporary relocation of vessels and utilities. The detailed report of conditions found, the proposed state action, and the estimate to bring the State owned Valdez Harbor Facilities up to good standard is found in the Schedule of Costs.

Summary of estimate:

The following information summarizes the Schedule of Costs.

Inventoried Replacement Value (IRV) of all facilities and features in the Valdez Harbor Inventory.	\$	5,631,525
In-place Value of all features (State and Local) at current conditions estimated from current condition and remaining life.	\$	2,970,161
In-place Value of State owned facilities and features estimated from current condition and remaining life.		\$853,012
The estimated cost to fund the proposed State action is:		\$3,013,323

Recommendation:

The recommended appropriation request is:

Valdez Harbor Transfer \$ 3,013,500

Acceptance by the City of Valdez: (resolution attached)

Tables

Table 1. Definitions of condition assessments

Condition Code	Condition Assessment	Description of condition
1	Failed	Item condition is broken, worn or at otherwise at the end of its useful life needing replacement or major repair. In-place value remaining.
2	Poor	Item condition is broken, worn or at otherwise near the end of its useful life needing replacement or major repair but still providing some nominal level of function. Approximately 22.5% of in-place value remaining.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed, at approximate its half life at normal exposure and service conditions. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal deterioration.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 67.5% in-place value remaining.
5	New	Condition found is near new with little evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 90% or better in-place value remaining.

Table 2: Condition Assessment codes for proposed DOT&PF Action

Condition Code	Condition Assessed	Action Proposed by DOT&PF
1	Failed	Complete replacement of item at 100% of estimated cost.
2	Poor	Complete replacement of item at 100% of estimated cost.
3	Fair	Bring up to good or new condition (50% of estimated replacement cost)
4	Good	No action
5	New	No action

Table 3: Adjustment factors for 1998 cost estimate

Factor	Adjustment Factor	Description
Inflation	12.0%	1.5% inflation compounded annually to account for increased cost since the 1992 construction cost database was established.
Design	6.0%	Design engineering to prepare plans, specifications and estimates are calculated as a percentage of construction.
Construction Services	10.0%	Construction services include engineering support during construction, on-site project coordination and inspection, and final project close out procedures.
Allowance for demolition, disposal and mobilization	35.0%	Work items associated with preparation, staging equipment, delivery of materials and other contractor costs associated with construction contract independent of unit price costs.
Contingency	10.0%	for unidentified work elements, temporary relocation of utilities and facilities necessary to undertake the proposed renovation.

Schedule of Cost

Community	Feature	Item	Ext	Quant	Unit	Condit	Cond Orig	Desc	Estim. (ed) Replacement Cost	In-Place Value	Owner State / Other	State Only			
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
Valdez	Approach & Gangway	Decking (for fixed structures)	AG 1	45 lin ft	4	Good	good	\$	13,500	\$9,113	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Railing	AG 1	90 lin ft	4	Good	good	\$	2,250	\$1,519	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Abutment	AG 1	1 each	4	Good	good	\$	5,000	\$3,375	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Piling	AG 1	6 each	4	Good	good	\$	18,000	\$12,150	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Support Structure	AG 1	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Deck/Skid	AG 1	1 each	4	Good	good	\$	3,600	\$2,430	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Hinge (top)	AG 1	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG 1	120 lin ft	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Support Structure	AG 1	1 each	4	Good	good	\$	21,600	\$14,580	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Toe (bottom)	AG 1	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Component - Other (see comments)	AG 1	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Decking (for fixed structures)	AG 2	45 lin ft	4	Good	good	\$	14,400	\$9,720	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Railing	AG 2	100 lin ft	4	Good	good	\$	2,500	\$1,688	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Abutment	AG 2	1 each	4	Good	good	\$	5,000	\$3,375	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Piling	AG 2	6 each	4	Good	good	\$	22,500	\$15,188	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Support Structure	AG 2	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Deck/Skid	AG 2	1 each	4	Good	good	\$	4,200	\$2,875	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Hinge (top)	AG 2	2 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG 2	140 lin ft	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Support Structure	AG 2	1 each	4	Good	good	\$	25,200	\$17,010	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Toe (bottom)	AG 2	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Utilities - Power System (general)	AG 2	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Decking (for fixed structures)	AG 3	70 lin ft	3	Fair	fair	\$	18,800	\$7,560	State	\$16,800	\$7,560	\$8,400	\$14,532
Valdez	Approach & Gangway	Railing	AG 3	145 lin ft	4	Good	good	\$	3,625	\$2,447	State	\$3,625	\$2,447	\$0	\$0
Valdez	Approach & Gangway	Abutment	AG 3	1 each	4	Good	good	\$	5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
Valdez	Approach & Gangway	Piling	AG 3	8 each	4	Good	good	\$	19,200	\$12,960	State	\$19,200	\$12,960	\$0	\$0
Valdez	Approach & Gangway	Cross Braces	AG 3	12 each	4	Good	good	\$	2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
Valdez	Approach & Gangway	Support Structure	AG 3	1 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Deck/Skid	AG 3	1 each	4	Good	good	\$	3,360	\$2,268	State	\$3,360	\$2,268	\$0	\$0
Valdez	Approach & Gangway	Gangway Hinge (top)	AG 3	2 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG 3	112 lin ft	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG 3	224 lin ft	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Support Structure	AG 3	1 each	4	Good	good	\$	20,160	\$13,608	State	\$20,160	\$13,508	\$0	\$0
Valdez	Approach & Gangway	Gangway Toe (bottom)	AG 3	1 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Utilities-Light Distribution System	AG 3	1 each	4	Good	good	\$	5,880	\$3,969	State	\$5,880	\$3,969	\$0	\$0
Valdez	Approach & Gangway	Utilities - Power System (general)	AG 3	1 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Utility System -Other(see comments)	AG 3	1 other	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Decking (for fixed structures)	AG 4	75 lin ft	3	Fair	fair	\$	18,000	\$8,100	State	\$18,000	\$8,100	\$8,000	\$15,570
Valdez	Approach & Gangway	Railing	AG 4	6 lin ft	2	Poor	poor	\$	150	\$34	State	\$150	\$34	\$150	\$260
Valdez	Approach & Gangway	Railing	AG 4	150 lin ft	3	Fair	fair	\$	3,750	\$1,688	State	\$3,750	\$1,688	\$1,875	\$3,244
Valdez	Approach & Gangway	Abutment	AG 4	1 each	4	Good	good	\$	5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0

Schedule of Cost

Comm Unity	Feature	Item	Type	Ext	Quantity	Unit	Con diti on	Cond Orig [date]	Desc.	Estimated Replacement Cost	In-Place Value	Owner State / Other	State Only			
													Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
Valdez	Approach & Gangway	Piling	AG	4	8 each	4	Good	good	\$	19,200	\$12,960	State	\$19,200	\$12,960	\$0	\$0
Valdez	Approach & Gangway	Cross Braces	AG	4	2 each	2	Poor	poor	\$	400	\$90	State	\$400	\$90	\$400	\$892
Valdez	Approach & Gangway	Cross Braces	AG	4	8 each	4	Good	good	\$	1,800	\$1,080	State	\$1,600	\$1,080	\$0	\$0
Valdez	Approach & Gangway	Gangway Deck/Skid	AG	4	1 each	3	Fair	fair	\$	3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,595
Valdez	Approach & Gangway	Gangway Hinge (top)	AG	4	2 each	3	Fair	fair	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG	4	100 lin ft	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG	4	60 lin ft	3	Fair	fair	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG	4	140 lin ft	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Support Structure	AG	4	1 each	4	Good	good	\$	18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
Valdez	Approach & Gangway	Gangway Toe (bottom)	AG	4	1 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Utilities-Light Distribution System	AG	4	1 each	4	Good	good	\$	6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
Valdez	Approach & Gangway	Utilities - Power System (general)	AG	4	1 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Abutment	AG	5	1 each	4	Good	good	\$	5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
Valdez	Approach & Gangway	Gangway Deck/Skid	AG	5	1 each	4	Good	good	\$	3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
Valdez	Approach & Gangway	Gangway Hinge (top)	AG	5	2 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Support Structure	AG	5	1 each	4	Good	good	\$	21,600	\$14,580	State	\$21,600	\$14,580	\$0	\$0
Valdez	Approach & Gangway	Gangway Toe (bottom)	AG	5	1 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Component - Other (see comments)	AG	5	1 each	4	Good	good	\$	-	\$0	State	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Abutment	AG	6	1 each	4	Good	good	\$	5,000	\$3,375	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Deck/Skid	AG	6	1 each	4	Good	good	\$	3,600	\$2,430	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Hinge (top)	AG	6	2 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG	6	120 lin ft	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Support Structure	AG	6	1 each	4	Good	good	\$	21,600	\$14,580	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Toe (bottom)	AG	6	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Component - Other (see comments)	AG	6	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Component - Other (see comments)	AG	6	1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Deck/Skid	AG	BL	1 each	3	Fair	fair	\$	4,500	\$2,025	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Railing	AG	BL	150 lin ft	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Approach & Gangway	Gangway Support Structure	AG	BL	1 each	4	Good	good	\$	27,000	\$18,225	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Railing	BL		500 lin ft	4	Good	good	\$	12,500	\$8,438	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Abutment	BL		1 each	4	Good	good	\$	5,000	\$3,375	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Piling	BL		133 each	4	Good	good	\$	558,600	\$377,055	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Cross Braces	BL		258 each	4	Good	good	\$	51,200	\$34,560	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Fixed Structure (Deck)	BL		100 lin ft	4	Good	good	\$	18,000	\$12,150	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Pile Guides (Heavy Duty)	BL		5 each	4	Good	good	\$	2,500	\$1,688	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Boat Hoist	BL		1 each	3	Fair	fair	\$	120,000	\$54,000	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Lift Deck	BL		3384 sq ft	4	Good	good	\$	84,600	\$57,105	Other	\$0	\$0	\$0	\$0
Valdez	Boat Lift	Utilities - Water System (general)	BL		1 each	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Dock (Wharf)	Location Integral w/ Harbor	DW	1	N/A		None	0	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Dock (Wharf)	Decking (for fixed structures)	DW	1	240 lin ft	4	Good	good	\$	-	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Dock (Wharf)	Bulkhead (wharf)	DW	1	240 lin ft	4	Good	good	\$	480,000	\$324,000	Other	\$0	\$0	\$0	\$0

Schedule of Cost

Community	Feature	Item	Ext	Quantity	Unit	Condition	Orig. (date)	Deac.	Estimated Replacement Cost	In-Place Value	Owner State/Other	State Only			
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
Valdez Dock (Wharf)	Fendering System	DW 1	0	lin ft	4	Good	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Bollards/Cleals	DW 1	3	each	4	Good	good	\$ 3,000	\$2,025	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Ladders	DW 1	3	each	4	Good	good	\$ 1,500	\$1,013	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Cargo Hoist	DW 1	2	each	4	Good	good	\$ 10,000	\$6,750	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Location Integral w/ Harbor	DW 2	N/A			None	0	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Decking (for fixed structures)	DW 2	170	lin ft	3	Fair	fair	\$ 29,750	\$13,388	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Bulkhead (wharf)	DW 2	170	lin ft	4	Good	good	\$ 340,000	\$229,500	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Fendering System	DW 2	340	lin ft	4	Good	good	\$ 88,000	\$45,900	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Ladders	DW 2	2	each	4	Good	good	\$ 1,000	\$675	Other	\$0	\$0	\$0	\$0	
Valdez Dock (Wharf)	Utilities-Light Distribution System	DW 2	1	each	4	Good	good	\$ 5,950	\$4,018	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Ladders	G	3	each	4	Good	good	\$ 1,500	\$1,013	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Cargo Hoist	G	1	each	4	Good	good	\$ 1,500	\$1,013	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Top Beams	G	11	each	4	Good	good	\$ 6,600	\$4,455	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Bearing Piles	G	33	each	4	Good	good	\$ 66,000	\$44,550	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Breasting Piles	G	11	each	4	Good	good	\$ 27,500	\$18,583	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Utilities - Power System (general)	G	1	each	4	Good	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Utilities - Water System (general)	G	1	each	4	Good	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Fire - Hydrant System (general)	G	1	each	4	Good	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez Grid	Component - Other (see comments)	G	1	each	4	Good	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez Gangway Float	Piling	GF 5	1	each	4	Good	good	\$ 1,800	\$1,215	State	\$1,800	\$1,215	\$0	\$0	
Valdez Gangway Float	Float Structure (Deck)	GF 5	16	lin ft	4	Good	good	\$ 8,980	\$8,048	State	\$8,980	\$8,048	\$0	\$0	
Valdez Gangway Float	Pile Guides (Heavy Duty)	GF 5	1	each	4	Good	good	\$ 500	\$338	State	\$500	\$338	\$0	\$0	
Valdez Gangway Float	Piling	GF 6	2	each	4	Good	good	\$ 6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0	
Valdez Gangway Float	Float Structure (Deck)	GF 6	24	lin ft	4	Good	good	\$ 8,400	\$5,870	State	\$8,400	\$5,870	\$0	\$0	
Valdez Gangway Float	Pile Guides (Heavy Duty)	GF 6	2	each	4	Good	good	\$ 1,000	\$675	State	\$1,000	\$675	\$0	\$0	
Valdez Launch Ramp	Piling	LR	8	each	4	Good	good	\$ 16,000	\$10,800	State	\$16,000	\$10,800	\$0	\$0	
Valdez Launch Ramp	Float Hinges (Heavy Duty)	LR	38	each	4	Good	good	\$ 21,600	\$14,580	State	\$21,600	\$14,580	\$0	\$0	
Valdez Launch Ramp	Pile Guides (Heavy Duty)	LR	8	each	4	Good	good	\$ 4,000	\$2,700	State	\$4,000	\$2,700	\$0	\$0	
Valdez Launch Ramp	Ramp Length	LR	300	lin ft	4	Good	good	\$ 144,000	\$97,200	State	\$144,000	\$97,200	\$0	\$0	
Valdez Launch Ramp	Ramp Float	LR	30	each	2	Poor	poor	\$ 8,100	\$1,823	State	\$8,100	\$1,823	\$8,100	\$14,013	
Valdez Launch Ramp	Ramp Float	LR	150	each	4	Good	good	\$ 40,500	\$27,338	State	\$40,500	\$27,338	\$0	\$0	
Valdez Launch Ramp	Component - Other (see comments)	LR	1	each	4	Good	good	\$ -	\$0	State	\$0	\$0	\$0	\$0	
Valdez Main Float	Piling	MF A	9	each	2	Good	poor	\$ 21,600	\$4,860	State	\$21,600	\$4,860	\$21,600	\$37,368	
Valdez Main Float	Piling	MF A	11	each	2	Fair	poor	\$ 19,800	\$4,455	State	\$19,800	\$4,455	\$19,800	\$34,254	
Valdez Main Float	Float Structure (Deck)	MF A	32	lin ft	2	Failed	poor	\$ 7,680	\$1,728	State	\$7,680	\$1,728	\$7,680	\$13,288	
Valdez Main Float	Float Structure (Deck)	MF A	96	lin ft	2	Fair	poor	\$ 23,040	\$5,184	State	\$23,040	\$5,184	\$23,040	\$39,859	
Valdez Main Float	Float Structure (Deck)	MF A	178	lin ft	2	Poor	poor	\$ 42,240	\$9,504	State	\$42,240	\$9,504	\$42,240	\$73,075	
Valdez Main Float	Float Hinges (Heavy Duty)	MF A	2	each	2	Good	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,076	
Valdez Main Float	Pile Guides (Heavy Duty)	MF A	20	each	2	Good	poor	\$ 10,000	\$2,250	State	\$10,000	\$2,250	\$10,000	\$17,300	
Valdez Main Float	Finger (or Stall) Floats	MF A	6	each	2	Poor	poor	\$ 31,104	\$6,998	State	\$31,104	\$6,998	\$31,104	\$53,810	
Valdez Main Float	Finger (or Stall) Floats	MF A	4	each	2	Fair	poor	\$ 20,736	\$4,668	State	\$20,736	\$4,666	\$20,736	\$35,873	

Schedule of Cost

Comm unity	Feature	Item	Foot Ext	Quant ty	Unit	Co ndi to in	Cond Orig (date)	Desc.	Estimated Replacement Cost	In-Place Value	Owner State / Other	State			Proposed State Action
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
Valdez	Main Float	Finger Float Hinges (Heavy Duty)	MF A	20	each	2	Fair	poor	\$ 12,000	\$2,700	State	\$12,000	\$2,700	\$12,000	\$20,780
Valdez	Main Float	Utilities-Light Distribution System	MF A	1	each	2	Good	poor	\$ 21,780	\$4,898	State	\$21,760	\$4,898	\$21,760	\$37,645
Valdez	Main Float	Utilities - Power System (floats)	MF A	1	each	2	Fair	poor	\$ 10,000	\$2,250	State	\$10,000	\$2,250	\$10,000	\$17,300
Valdez	Main Float	Utilities - Water System (floats)	MF A	1	each	2	Fair	poor	\$ 3,000	\$675	State	\$3,000	\$675	\$3,000	\$5,180
Valdez	Main Float	Utility System -Other(see comments)	MF A	1	other	2	Good	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire - Hydrant System (floats)	MF A	1	each	2	Failed	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Piling	MF B	22	each	2	Fair	poor	\$ 39,600	\$8,910	State	\$39,600	\$8,910	\$39,600	\$58,508
Valdez	Main Float	Float Structure (Deck)	MF B	375	lin ft	2	Fair	poor	\$ 93,750	\$21,094	State	\$93,750	\$21,094	\$93,750	\$162,188
Valdez	Main Float	Pile Guides (Standard)	MF B	22	each	2	Fair	poor	\$ 8,800	\$1,980	State	\$8,800	\$1,980	\$8,800	\$15,224
Valdez	Main Float	Finger (or Stall) Floats	MF B	6	each	2	Fair	pocr	\$ 34,500	\$7,763	State	\$34,500	\$7,763	\$34,500	\$59,885
Valdez	Main Float	Finger Float Hinges (Heavy Duty)	MF B	12	each	2	Fair	poor	\$ 7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,458
Valdez	Main Float	Utilities-Light Distribution System	MF B	1	each	2	Fair	poor	\$ 28,250	\$5,906	State	\$28,250	\$5,906	\$28,250	\$45,413
Valdez	Main Float	Utilities - Power System (floats)	MF B	1	each	2	Fair	poor	\$ 6,000	\$1,350	State	\$6,000	\$1,350	\$6,000	\$10,380
Valdez	Main Float	Utilities - Water System (floats)	MF B	1	each	2	Fair	poor	\$ 1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,114
Valdez	Main Float	Utility System -Other(see comments)	MF B	1	other	2	Good	poor	\$ -	\$0	Other	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire - Hydrant System (floats)	MF B	1	each	1	Failed	failed	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire Protection - Other (see comm.)	MF B	2		2	Fair	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Piling	MF C	25	each	2	Fair	poor	\$ 45,000	\$10,125	State	\$45,000	\$10,125	\$45,000	\$77,850
Valdez	Main Float	Float Structure (Deck)	MF C	375	lin ft	2	Fair	poor	\$ 93,750	\$21,094	State	\$93,750	\$21,094	\$93,750	\$162,188
Valdez	Main Float	Float Hinges (Standard)	MF C	2	each	2	Fair	poor	\$ 800	\$180	State	\$800	\$180	\$000	\$1,384
Valdez	Main Float	Pile Guides (Standard)	MF C	25	each	2	Fair	poor	\$ 10,000	\$2,250	State	\$10,000	\$2,250	\$10,000	\$17,300
Valdez	Main Float	Finger (or Stall) Floats	MF C	18	each	2	Fair	poor	\$ 81,824	\$13,918	State	\$81,824	\$13,918	\$81,824	\$108,058
Valdez	Main Float	Finger Float Hinges (Standard)	MF C	32	each	2	Fair	poor	\$ 9,600	\$2,160	State	\$9,600	\$2,160	\$9,600	\$18,608
Valdez	Main Float	Utilities-Light Distribution System	MF C	1	each	2	Fair	poor	\$ 32,190	\$7,243	State	\$32,190	\$7,243	\$32,190	\$55,889
Valdez	Main Float	Utilities - Power System (floats)	MF C	1	each	2	Fair	poor	\$ 18,000	\$3,600	State	\$16,000	\$3,600	\$16,000	\$27,680
Valdez	Main Float	Utilities - Water System (floats)	MF C	1	each	2	Poor	poor	\$ 4,800	\$1,080	State	\$4,800	\$1,080	\$4,800	\$8,304
Valdez	Main Float	Utility System -Other(see comments)	MF C	1	other	3	Good	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire - Hydrant System (floats)	MF C	1	each	1	Failed	failec	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire Protection - Other (see comm.)	MF C	2		4	Good	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Piling	MF D	29	each	3	Good	fair	\$ 52,200	\$23,490	State	\$52,200	\$23,490	\$28,100	\$45,153
Valdez	Main Float	Float Structure (Deck)	MF D	375	lin ft	3	Fair	fair	\$ 93,750	\$42,188	State	\$93,750	\$42,188	\$48,875	\$81,084
Valdez	Main Float	Float Hinges (Standard)	MF D	2	each	3	Fair	fair	\$ 800	\$360	State	\$800	\$360	\$400	\$892
Valdez	Main Float	Pile Guides (Standard)	MF D	29	each	3	Fair	fair	\$ 11,800	\$5,220	State	\$11,600	\$5,220	\$5,800	\$10,034
Valdez	Main Float	Finger (or Stall) Floats	MF D	20	each	3	Fair	fair	\$ 44,160	\$19,872	State	\$44,160	\$19,872	\$22,080	\$38,188
Valdez	Main Float	Finger Float Hinges (Standard)	MF D	40	each	3	Fair	fair	\$ 12,000	\$5,400	State	\$12,000	\$5,400	\$8,000	\$10,380
Valdez	Main Float	Utilities-Light Distribution System	MF D	1	each	3	Fair	fair	\$ 28,350	\$12,758	State	\$28,350	\$12,758	\$14,175	\$24,523
Valdez	Main Float	Utilities - Power System (floats)	MF D	1	each	3	Fair	fair	\$ 20,000	\$9,000	State	\$20,000	\$9,000	\$10,000	\$17,300
Valdez	Main Float	Utilities - Water System (floats)	MF D	1	each	3	Poor	fair	\$ 6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,180
Valdez	Main Float	Utility System -Other(see comments)	MF D	1	other	3	Fair	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire - Hydrant System (floats)	MF D	1	each	2	Failed	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire Protection - Other (see comm.)	MF D	2		2	Good	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0

Schedule of Cost

Community	Feature	Item	Fee Ext.	Quantity	Unit	Condition	Original Date	Description	Estimated Replacement Cost	In-Place Value	Owner State / Other	State Only			
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
Valdez	Main Float	Piling	MF E	30	each	3	Fair	fair	\$ 54,000	\$24,300	State	\$54,000	\$24,300	\$27,000	\$46,710
Valdez	Main Float	Float Structure (Deck)	MF E	375	lin ft	3	Fair	fair	\$ 93,750	\$42,188	State	\$93,750	\$42,188	\$46,875	\$81,094
Valdez	Main Float	Float Hinges (Standard)	MF E	2	each	3	Fair	fair	\$ 800	\$380	State	\$800	\$360	\$400	\$692
Valdez	Main Float	Pile Guides (Standard)	MF E	1	each	3	Fair	fair	\$ 400	\$180	State	\$400	\$180	\$200	\$348
Valdez	Main Float	Pile Guides (Standard)	MF E	29	each	3	Fair	fair	\$ 11,600	\$5,220	State	\$11,600	\$5,220	\$5,800	\$10,034
Valdez	Main Float	Finger (or Stall) Floats	MF E	20	each	3	Fair	fair	\$ 44,160	\$19,872	State	\$44,160	\$19,872	\$22,080	\$38,180
Valdez	Main Float	Finger Float Hinges (Standard)	MF E	10	each	3	Fair	fair	\$ 3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,595
Valdez	Main Float	Finger Float Hinges (Standard)	MF E	30	each	3	Good	fair	\$ 9,000	\$4,050	State	\$9,000	\$4,050	\$4,500	\$7,785
Valdez	Main Float	Utilities-Light Distribution System	MF E	1	each	3	Fair	fair	\$ 28,350	\$12,758	State	\$28,350	\$12,758	\$14,175	\$24,523
Valdez	Main Float	Utilities - Power System (floats)	MF E	1	each	3	Fair	fair	\$ 20,000	\$9,000	State	\$20,000	\$9,000	\$10,000	\$17,300
Valdez	Main Float	Utilities - Water System (floats)	MF E	1	each	3	Fair	fair	\$ 6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,180
Valdez	Main Float	Fire - Hydrant System (floats)	MF E	1	each	1	Failed	failed	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Fire Protection - Other (see comm.)	MF E	2		2	Fair	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
Valdez	Main Float	Piling	MF F	7	each	2	Fair	poor	\$ 12,600	\$2,835	State	\$12,600	\$2,835	\$12,600	\$21,798
Valdez	Main Float	Float Structure (Deck)	MF F	40	lin ft	2	Failed	poor	\$ 7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,456
Valdez	Main Float	Float Structure (Deck)	MF F	40	lin ft	2	Poor	poor	\$ 7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,456
Valdez	Main Float	Float Structure (Deck)	MF F	80	lin ft	2	Fair	poor	\$ 14,400	\$3,240	State	\$14,400	\$3,240	\$14,400	\$24,912
Valdez	Main Float	Float Structure (Deck)	MF F	184	lin ft	2	Good	poor	\$ 33,120	\$7,452	State	\$33,120	\$7,452	\$33,120	\$57,298
Valdez	Main Float	Float Hinges (Heavy Duty)	MF F	2	each	2	Good	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,076
Valdez	Main Float	Pile Guides (Heavy Duty)	MF F	7	each	2	Good	poor	\$ 3,500	\$788	State	\$3,500	\$788	\$3,500	\$6,055
Valdez	Main Float	Finger (or Stall) Floats	MF F	1	each	2	Failed	poor	\$ 1,944	\$437	State	\$1,944	\$437	\$1,944	\$3,383
Valdez	Main Float	Finger (or Stall) Floats	MF F	8	each	2	Poor	poor	\$ 15,552	\$3,499	State	\$15,552	\$3,499	\$15,552	\$26,905
Valdez	Main Float	Finger (or Stall) Floats	MF F	14	each	2	Fair	poor	\$ 27,216	\$6,124	State	\$27,216	\$6,124	\$27,216	\$47,084
Valdez	Main Float	Finger (or Stall) Floats	MF F	5	each	2	Good	poor	\$ 9,720	\$2,187	State	\$9,720	\$2,187	\$9,720	\$16,816
Valdez	Main Float	Utilities-Light Distribution System	MF F	1	each	2	Fair	poor	\$ 20,400	\$4,590	State	\$20,400	\$4,590	\$20,400	\$35,292
Valdez	Main Float	Utilities - Power System (floats)	MF F	1	each	2	Fair	poor	\$ 28,000	\$6,300	State	\$28,000	\$6,300	\$28,000	\$46,440
Valdez	Main Float	Utilities - Water System (floats)	MF F	1	each	2	Fair	poor	\$ 8,400	\$1,890	State	\$8,400	\$1,890	\$8,400	\$14,532
Valdez	Main Float	Piling	MF G	6	each	2	Good	poor	\$ 10,800	\$2,430	State	\$10,800	\$2,430	\$10,800	\$18,884
Valdez	Main Float	Float Structure (Deck)	MF G	8	lin ft	2	Poor	poor	\$ 1,440	\$324	State	\$1,440	\$324	\$1,440	\$2,491
Valdez	Main Float	Float Structure (Deck)	MF G	56	lin ft	2	Fair	poor	\$ 10,080	\$2,268	State	\$10,080	\$2,268	\$10,080	\$17,438
Valdez	Main Float	Float Structure (Deck)	MF G	232	lin ft	2	Good	poor	\$ 41,760	\$9,396	State	\$41,760	\$9,396	\$41,760	\$72,245
Valdez	Main Float	Float Hinges (Heavy Duty)	MF G	2	each	2	Good	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,076
Valdez	Main Float	Pile Guides (Heavy Duty)	MF G	6	each	2	Good	poor	\$ 3,000	\$675	State	\$3,000	\$675	\$3,000	\$5,180
Valdez	Main Float	Finger (or Stall) Floats	MF G	4	each	2	Failed	poor	\$ 7,776	\$1,750	State	\$7,776	\$1,750	\$7,776	\$13,452
Valdez	Main Float	Finger (or Stall) Floats	MF G	6	each	2	Poor	poor	\$ 11,664	\$2,624	State	\$11,664	\$2,624	\$11,664	\$20,179
Valdez	Main Float	Finger (or Stall) Floats	MF G	4	each	2	Fair	poor	\$ 7,776	\$1,750	State	\$7,776	\$1,750	\$7,776	\$13,452
Valdez	Main Float	Finger (or Stall) Floats	MF G	10	each	2	Good	poor	\$ 19,440	\$4,374	State	\$19,440	\$4,374	\$19,440	\$33,631
Valdez	Main Float	Utilities-Light Distribution System	MF G	1	each	2	Fair	poor	\$ 17,520	\$3,942	State	\$17,520	\$3,942	\$17,520	\$30,310
Valdez	Main Float	Utilities - Power System (floats)	MF G	1	each	2	Fair	poor	\$ 24,000	\$5,400	State	\$24,000	\$5,400	\$24,000	\$41,520
Valdez	Main Float	Utilities - Water System (floats)	MF G	1	each	2	Fair	poor	\$ 7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,456
Valdez	Main Float	Piling	MF H	10	each	2	Good	poor	\$ 28,000	\$6,300	Other	\$0	\$0	\$0	\$0

Schedule of Cost

Community	Feature	Item	Feat Ext	Quantity	Unit	Conditio n	Cond Orig (date)	Desc	Estimated Replacement Cost	In-Place Value	Owner State Other	State Only			
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
Valdez	Main Float	Float Structure (Deck)	MF H	340	lin ft	4	Good good	\$ 81,600	\$55,080	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Pile Guides (Heavy Duty)	MF H	10	each	4	Good good	\$ 5,000	\$3,375	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Finger (or Stall) Floats	MF H	5	each	4	Good good	\$ 33,750	\$22,781	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Power System (floats)	MF H	1	each	4	Good good	\$ 5,000	\$3,375	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Water System (floats)	MF H	1	each	4	Good good	\$ 1,500	\$1,013	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Fire - Hydrant System (floats)	MF H	1	each	1	Failed failed	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Piling	MF I	21	each	4	Good good	\$ 63,000	\$42,525	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Float Structure (Deck)	MF I	350	lin ft	4	Good good	\$ 63,000	\$42,525	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Pile Guides (Heavy Duty)	MF I	21	each	4	Good good	\$ 10,500	\$7,088	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Finger (or Stall) Floats	MF I	18	each	4	Good good	\$ 51,840	\$34,992	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Power System (floats)	MF I	1	each	4	Good good	\$ 16,000	\$10,800	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Water System (floats)	MF I	1	each	4	Good good	\$ 4,800	\$3,240	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Fire - Hydrant System (floats)	MF I	1	each	1	Failed failed	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Piling	MF J	9	each	4	Good good	\$ 27,000	\$18,225	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Float Structure (Deck)	MF J	350	lin ft	4	Good good	\$ 84,000	\$56,700	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Pile Guides (Heavy Duty)	MF J	9	each	4	Good good	\$ 4,500	\$3,038	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Finger (or Stall) Floats	MF J	21	each	4	Good good	\$ 68,040	\$45,927	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Power System (floats)	MF J	1	each	4	Good good	\$ 21,000	\$14,175	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Water System (floats)	MF J	1	each	4	Good good	\$ 6,300	\$4,253	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Fire - Hydrant System (floats)	MF J	1	each	1	Failed failed	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Piling	MF K	9	each	4	Good good	\$ 27,000	\$18,225	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Float Structure (Deck)	MF K	350	lin ft	4	Good good	\$ 84,000	\$56,700	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Pile Guides (Heavy Duty)	MF K	9	each	4	Good good	\$ 4,500	\$3,038	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Finger (or Stall) Floats	MF K	19	each	4	Good good	\$ 81,560	\$41,553	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Power System (floats)	MF K	1	each	4	Good good	\$ 19,000	\$12,825	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Water System (floats)	MF K	1	each	4	Good good	\$ 5,700	\$3,848	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Fire - Hydrant System (floats)	MF K	1	each	1	Failed failed	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Piling	MF X	3	each	4	Good good	\$ 8,300	\$4,253	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Piling	MF X	10	each	4	Good good	\$ 30,000	\$20,250	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Float Structure (Deck)	MF X	264	lin ft	4	Good good	\$ 95,040	\$64,152	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Pile Guides (Heavy Duty)	MF X	13	each	4	Good good	\$ 6,500	\$4,388	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Finger (or Stall) Floats	MF X	3	each	4	Good good	\$ 24,300	\$16,403	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Power System (floats)	MF X	1	each	4	Good good	\$ 3,000	\$2,025	Other	\$0	\$0	\$0	\$0	
Valdez	Main Float	Utilities - Water System (floats)	MF X	1	each	4	Good good	\$ 900	\$608	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Piling	MG 1H	7	each	4	Good good	\$ 21,000	\$14,175	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Float Structure (Deck)	MG 1H	320	lin ft	4	Good good	\$ 69,120	\$46,856	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Pile Guides (Heavy Duty)	MG 1H	7	each	4	Good good	\$ 3,500	\$2,383	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 1H	13	each	4	Good good	\$ 28,080	\$18,954	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Utilities - Water System (floats)	MG 1H	1	each	4	Good good	\$ 3,900	\$2,833	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Fire - Hydrant System (floats)	MG 1H	1	each	1	Failed failed	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Fire Protection - Extinguishers	MG 1H	1	each	4	Good good	\$ 500	\$338	Other	\$0	\$0	\$0	\$0	

Schedule of Cost

Community	Feature	Item	Ext	Quantity	Unit	Condition	Orig. (date)	Desc.	Estimated Replacement Cost	In-Place Value	Owner: State / Other	State Only			
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
Valdez	Marginal Float	Component - Other (see comments)	MG 1H	2 each	4	Good	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Piling	MG 1J	2 each	4	Good	good	\$ 8,000	\$4,050	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Float Structure (Deck)	MG 1J	120 lin ft	4	Good	good	\$ 25,920	\$17,488	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Pile Guides (Heavy Duty)	MG 1J	2 each	4	Good	good	\$ 1,000	\$675	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 1J	5 each	4	Good	good	\$ 10,800	\$7,290	Other	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Piling	MG 2A	2 each	2	Fair	poor	\$ 3,600	\$810	State	\$3,600	\$810	\$3,600	\$8,228	
Valdez	Marginal Float	Piling	MG 2A	3 each	2	Good	poor	\$ 5,400	\$1,215	State	\$5,400	\$1,215	\$5,400	\$9,342	
Valdez	Marginal Float	Float Structure (Deck)	MG 2A	8 lin ft	2	Failed	poor	\$ 1,728	\$389	State	\$1,728	\$389	\$1,728	\$2,989	
Valdez	Marginal Float	Float Structure (Deck)	MG 2A	8 lin ft	2	Fair	poor	\$ 1,728	\$389	State	\$1,728	\$389	\$1,728	\$2,989	
Valdez	Marginal Float	Float Structure (Deck)	MG 2A	32 lin ft	2	Poor	poor	\$ 6,912	\$1,555	State	\$6,912	\$1,555	\$6,912	\$11,958	
Valdez	Marginal Float	Float Structure (Deck)	MG 2A	128 lin ft	2	Good	poor	\$ 27,648	\$8,221	State	\$27,648	\$8,221	\$27,648	\$47,831	
Valdez	Marginal Float	Float Hinges (Heavy Duty)	MG 2A	2 each	2	Fair	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,076	
Valdez	Marginal Float	Pile Guides (Heavy Duty)	MG 2A	5 each	2	Good	poor	\$ 2,500	\$563	State	\$2,500	\$563	\$2,500	\$4,325	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2A	2 each	2	Poor	poor	\$ 3,888	\$875	State	\$3,888	\$875	\$3,888	\$6,728	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2A	4 each	2	Fair	poor	\$ 7,776	\$1,750	State	\$7,776	\$1,750	\$7,776	\$13,452	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2A	1 each	2	Good	poor	\$ 1,944	\$437	State	\$1,944	\$437	\$1,944	\$3,383	
Valdez	Marginal Float	Utilities-Light Distribution System	MG 2A	1 each	2	Good	poor	\$ 9,560	\$2,151	State	\$9,560	\$2,151	\$9,560	\$16,539	
Valdez	Marginal Float	Piling	MG 2B	11 each	2	Fair	poor	\$ 19,800	\$4,455	State	\$19,800	\$4,455	\$19,800	\$34,254	
Valdez	Marginal Float	Float Structure (Deck)	MG 2B	435 lin ft	2	Fair	poor	\$ 100,050	\$22,511	State	\$100,050	\$22,511	\$100,050	\$173,087	
Valdez	Marginal Float	Float Hinges (Standard)	MG 2B	2 each	2	Fair	poor	\$ 800	\$180	State	\$800	\$180	\$800	\$1,364	
Valdez	Marginal Float	Pile Guides (Standard)	MG 2B	1 each	2	Poor	poor	\$ 400	\$90	State	\$400	\$90	\$400	\$692	
Valdez	Marginal Float	Pile Guides (Standard)	MG 2B	4 each	2	Fair	poor	\$ 1,600	\$360	State	\$1,600	\$360	\$1,600	\$2,788	
Valdez	Marginal Float	Pile Guides (Standard)	MG 2B	8 each	2	Good	poor	\$ 2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,152	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2B	5 each	2	Fair	poor	\$ 5,865	\$1,320	State	\$5,865	\$1,320	\$5,865	\$10,148	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2B	17 each	2	Good	poor	\$ 19,941	\$4,487	State	\$19,941	\$4,487	\$19,941	\$34,498	
Valdez	Marginal Float	Utilities-Light Distribution System	MG 2B	1 each	2	Good	poor	\$ 27,360	\$6,156	State	\$27,360	\$6,156	\$27,360	\$47,333	
Valdez	Marginal Float	Utilities - Power System (floats)	MG 2B	1 each	2	Fair	poor	\$ 22,000	\$4,950	State	\$22,000	\$4,950	\$22,000	\$38,060	
Valdez	Marginal Float	Fire - Hydrant System (floats)	MG 2B	1 each	2	Failed	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Fire Protection - Extinguishers	MG 2B	1 each	2	Good	poor	\$ 500	\$113	State	\$500	\$113	\$500	\$865	
Valdez	Marginal Float	Fire Protection - Other (see comm.)	MG 2B	3	2	Fair	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Component - Other (see comments)	MG 2B	1 each	2	Good	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0	
Valdez	Marginal Float	Piling	MG 2E	8 each	2	Good	poor	\$ 10,800	\$2,430	State	\$10,800	\$2,430	\$10,800	\$18,884	
Valdez	Marginal Float	Float Structure (Deck)	MG 2E	32 lin ft	2	Poor	poor	\$ 6,912	\$1,555	State	\$6,912	\$1,555	\$6,912	\$11,958	
Valdez	Marginal Float	Float Structure (Deck)	MG 2E	48 lin ft	2	Fair	poor	\$ 10,368	\$2,333	State	\$10,368	\$2,333	\$10,368	\$17,937	
Valdez	Marginal Float	Float Structure (Deck)	MG 2E	144 lin ft	2	Good	poor	\$ 31,104	\$6,998	State	\$31,104	\$6,998	\$31,104	\$53,810	
Valdez	Marginal Float	Float Hinges (Heavy Duty)	MG 2E	2 each	2	Good	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,076	
Valdez	Marginal Float	Pile Guides (Heavy Duty)	MG 2E	6 each	2	Good	poor	\$ 3,000	\$675	State	\$3,000	\$675	\$3,000	\$5,190	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2E	2 each	2	Poor	poor	\$ 3,888	\$875	State	\$3,888	\$875	\$3,888	\$6,728	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2E	4 each	2	Fair	poor	\$ 7,776	\$1,750	State	\$7,776	\$1,750	\$7,776	\$13,452	
Valdez	Marginal Float	Finger (or Stall) Floats	MG 2E	5 each	2	Good	poor	\$ 9,720	\$2,187	State	\$9,720	\$2,187	\$9,720	\$16,818	
Valdez	Marginal Float	Utilities-Light Distribution System	MG 2E	1 each	2	Good	poor	\$ 12,920	\$2,907	State	\$12,920	\$2,907	\$12,920	\$22,352	

Schedule of Cost

Community	Feature	Item	Fee Ext	Quantity	Unit	Condition	Cond Orig (date)	Desc	Estimated Replacement Cost	In-Place Value	Owner State Other	State Only				
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action	
Valdez	Marginal Float	Component - Other (see comments)	MG 2E	1 each	2	Good	poor	\$	\$ 5,631,525	\$2,970,161	\$0 State	\$0	\$0	\$0	\$0	\$3,013,323

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

3132 CHANNEL DRIVE
JUNEAU, ALASKA 99801-7898
PHONE: (907) 465-3979
TEXT TELEPHONE: (907) 465-3652
FAX: (907) 586-8365

March 2, 1999

David Choquette, Manager
City of Seldovia
Drawer B,
Seldovia, Alaska 99663

*Agree to \$2.5 mm
M. Seldovia letter 3/30/99*

Dear Mr. Choquette:

At your request, I made a survey of conditions at the Seldovia harbor in November 1998. During that visit, in your presence we made a visual inspection of the entire float facility. You expressed concern about the harbor electrical system, the water system, the condition of the float system, and basin depth.

The Department has surveyed the Seldovia harbor for general condition in June 1992 and June 1998. I made a general inspection visit in August 1996. The US Army Corps of Engineers conducted basin depth condition surveys May 14-15, 1997. The purpose of my visit was to review with you the overall condition, assess the needed deferred maintenance, and determine what level of work would be required for the City of Seldovia to accept ownership of the Seldovia Small Boat Harbor from the State.

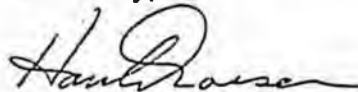
My observations follow:

- 1) Active maintenance was more evident this visit than observed in 1996. Proper maintenance of the facility includes removing tires, debris, and other matter that sink floats, is unsightly, and restrict the walk way. Dock boxes, freezers, oil drums, gear, dunnage, and other weighty materials stored on floats warp the floats and left long term can cause permanent damage. I encouraged you to keep up with the debris and storage of junk on the floats. I was please to see much less on the floats than last observed.
- 2) Accumulated wind blown soil, bird dropping, and shells promotes fungus, algae, and wood deterioration. Floats with algae become unsightly and slippery. I suggested that the floats be power washed in the spring to remove algae, shells, and accumulated soil to generally improve traction and appearance.
- 3) The outer basin, under floats A-C, and adjacent marginal float 1, is maintained by the US Army Corps of Engineers to a depth of -12-feet (MLLW). The basin under floats D-E, and adjacent marginal float 1 is maintained by the State to -12-feet (MLLW). There is some shoaling adjacent to the gangway float and float D. There is some shoaling to -9-feet (MLLW) in the western edge of the basin adjacent to float E and shoaling to -8-feet, at the southern edge of the State maintained basin. There is some shoaling in and near the southwest corner of the federally maintained basin. There have been no projects for maintenance dredging since original construction. The total estimated yardage inside the State project limits is 6000 cubic yards.
- 4) You have reported that about half of the power receptacles are still in operation. While, corrosion and general deterioration is likely in the marine environment, there should be no concern over the distribution cables in contact with saltwater from deficient floatation. There are many miles of cable in and around water in our harbors and other marine installations.
- 5) The water system is reported to be in bad condition leaking 10-15,000 gallons into the harbor. The water system was shut down during my visit so I could not see or hear leakage. That high volume of discharge from a 2.5" pipe that is fully exposed should not be hard to locate and repair. The City is responsible for the service to the valve at the approach abutment.

- 6) The Seldovia harbor is in fair structural condition but floats A-C, adjacent marginal float 1, and the gangway float will require major renovation within the next 5-10 years. Marginal float 1 freeboard along more than half the float is 2-inches less than design. Other areas have also lost freeboard. The water and electrical systems requires immediate attention to be functional. The estimate to bring the Seldovia Harbor facility up to good condition would require an appropriation of approximately \$2.3 million. My estimate is attached for your use. It includes an allowance for maintenance dredging to original basin limits within the State maintained basin. The estimate would renovate the grids and approach and replace floats A-C, the gangway float, the electrical and water system in this part of the harbor. The estimate would correct all major deficiencies in the Seldovia harbor. The estimate is fair and reasonable for the stated purpose.
- 7) The Seldovia harbor capacity is approximately 140 boats. Our 1995 Life Cycle Analysis for Alaskan Boating Facilities calculated an annualized expense of \$91,000 for major repair and replacement based on current conditions. This amount would be reduced to about \$60,000 if it was in new condition. This amount is above normal maintenance and repairs such as occasional floatation replacement, fixing water leaks, cleaning corrosion, replacing corroded electrical receptacles, float wash-down, and routine maintenance chores estimated to cost about 15% of gross revenue. The Seldovia harbor would require operating revenues to increase dramatically to cover this expense under local ownership. It would require an honest assessment of the market, operating cost, and life cycle costs to determine the appropriate rate structure for the Seldovia harbor to be financially solvent. Maintaining a capital reserve for the harbor over the long term would be a significant challenge.

I am prepared to discuss these issues further at your convenience and offer whatever help I can give that would be useful to you. Please do not hesitate to call me at the above numbers.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

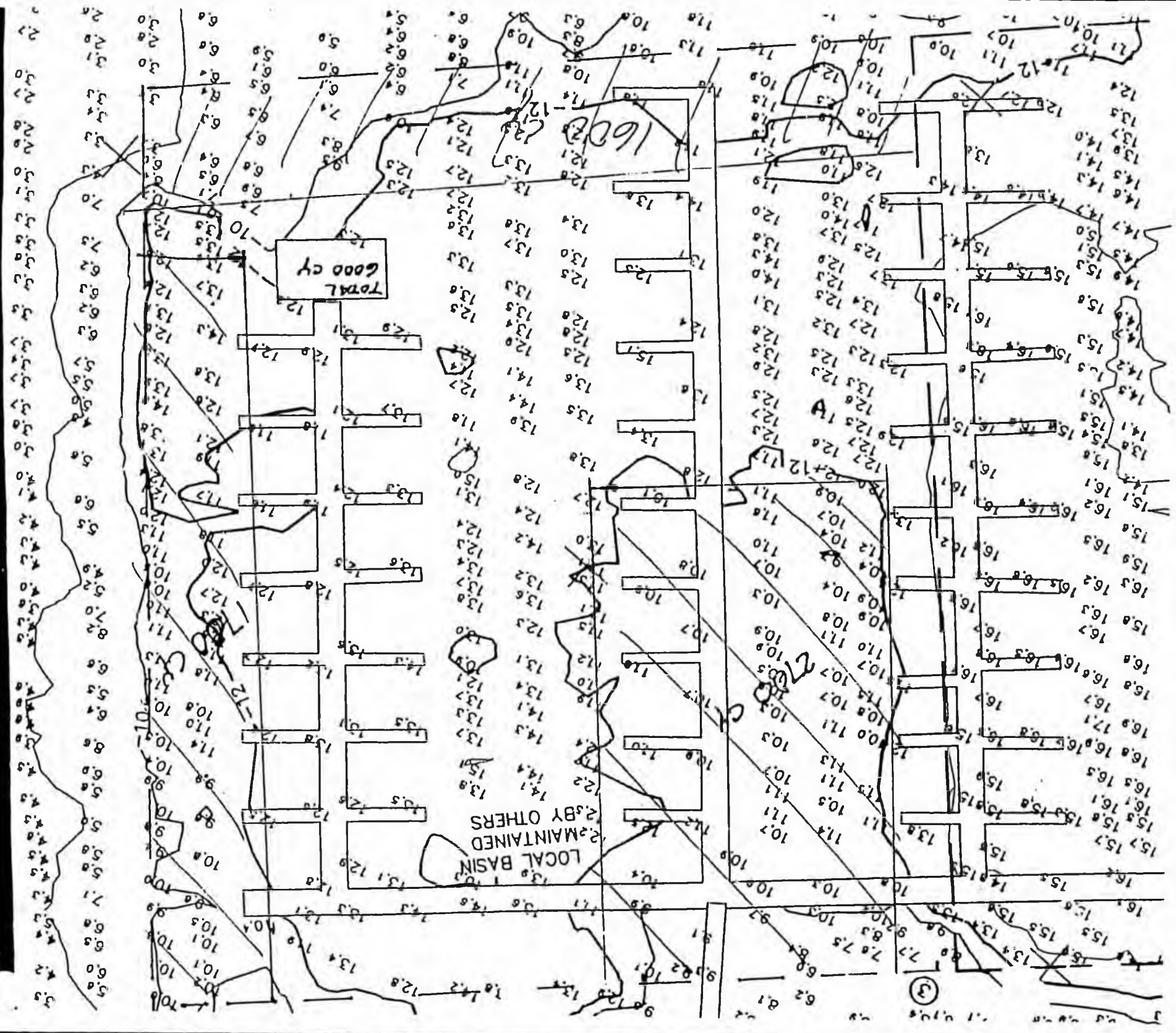
cc: Robert Norton, Chief Leasing and Property Management, Central Region, ADOT&PF

State Estimate

Replace main floats A,B,and C, replace stall floats on A-C, replace marginal float 1. Renovate approach and provide longer ganway landin

Unit prices for repair and renovation are 50% of replacement costs.

Feat Ext	Work Item	Float Dimensions		No. Req'd.	Unit		Units	Unit Cost	Totals
		Width	Length		Quantity	Quantity			
MF A	Main Float A	10	225	1	2250	2250	sf.	\$30.00	\$67,500
MF A	Stall floats	4	42	9	168	1512	sf.	\$30.00	\$45,360
MF A	Piling (furnished 12" wood)			18	60	1080	lf.	\$15.00	\$16,200
MF A	Piling (driven)			18	1	18	ea.	\$1,500.00	\$27,000
MF A	Meter bases			8	1	8	base	\$2,000.00	\$16,000
G 1	Gangway Float	12	24	1	288	288	sf.	\$30.00	\$8,640
MG A	Marginal A	10	712	1	7120	7120	sf.	\$30.00	\$213,600
MG A	Stall floats				0	0	sf.	\$30.00	\$0
MG A	Piling (furnished 12" wood)			28	65	1820	lf.	\$15.00	\$27,300
MG A	Piling (driven)			28	1	28	ea.	\$1,500.00	\$42,000
MF A	Meter bases			7	1	7	base	\$2,000.00	\$14,000
MF B	Main Float B	10	250	1	2500	2500	sf.	\$30.00	\$75,000
MF B	Stall floats	4	32	18	128	2304	sf.	\$30.00	\$69,120
MF B	Piling (furnished 12" wood)			9	65	585	lf.	\$15.00	\$8,775
MF B	Piling (driven)			9	1	9	ea.	\$1,500.00	\$13,500
MF B	Meter bases			18	1	18	base	\$2,000.00	\$36,000
MF C	Main Float C	10	287.5	1	2875	2875	sf.	\$30.00	\$86,250
MF C	Stall Floats	4	32	20	128	2560	sf.	\$30.00	\$76,800
MF C	Piling (furnished 12" wood)			20	65	1300	lf.	\$15.00	\$19,500
MF C	Piling (driven)			20	1	20	ea.	\$1,500.00	\$30,000
MF C	Meter bases			18	1	18	base	\$2,000.00	\$36,000
MF D	Main Float D	10	337.5	0	3375	0	sf.	\$30.00	\$0
MF D	Stall Floats	4	32	0	128	0	sf.	\$30.00	\$0
MF D	Piling (furnished 12" wood)			0	60	0	lf.	\$15.00	\$0
MF D	Piling (driven)			0	1	0	ea.	\$1,500.00	\$0
MF D	Meter bases			0	1	0	base	\$2,000.00	\$0
MF E	Main Float E	10	375	0	3750	0	sf.	\$30.00	\$0
MF E	Stall Floats	4	32	0	128	0	sf.	\$30.00	\$0
MF E	Piling (furnished 12" wood)			0	60	0	lf.	\$15.00	\$0
MF E	Piling (driven)			0	1	0	ea.	\$1,500.00	\$0
MF E	Meter bases			0	1	0	base	\$2,000.00	\$0
AG 1	Approach and Gangways			1	1	1	job	\$45,000.00	\$45,000
	Water lines		1093.25	1	1093.25	1093.25	job	\$36.00	\$39,357
	Fire protection stand pipes			6	1	6	riser	\$1,200.00	\$7,200
	Grids	20		1	24	24	caps	\$10,000.00	\$240,000
	Maintenance dredging			1	1	6000	cu.yd.	\$10.00	\$60,000
									\$1,320,102
	Mobilization				20%	1	job	\$264,020.40	\$264,020
	Demolition and disposal				20%	1	job	\$264,020.40	\$264,020
							Subtotal contract items		\$1,848,143
	Engineering				6%		job	\$110,889	\$110,889
	Construction administration				10%		job	\$184,814.28	\$184,814
	Contingency				10%		job	\$184,814.28	\$184,814
							Sub total Engineering, administration, and contingencies		\$480,517
									\$2,328,660



City Of Seldovia

P.O. Drawer B

Seldovia, Alaska 99663

Phone (907) 234-7643

Fax (907) 234-7430

March 30, 1999

Mr. Harold Moeser
Ports and Harbor Engineer
State of Alaska
Department of Transportation and Public Facilities
3132 Channel Drive
Juneau, Alaska 99801-7898

Dear Mr. Moeser: *Harold*

Thank you for your assessment of not only our harbor condition, but also of our need to review the market, operating costs, and life cycle costs. We will need to create a deferred maintenance fund. Please know that during the past few weeks we have gathered information from a number of harbors in the State, and are currently in the process of evaluating our price structure for services offered in the harbor to bring us closer to the norm. We have completed a detailed analysis of our current operating costs. During the past few years, the Seldovia boat harbor has collected more money each year, although not by much, than it costs to run the harbor. I greatly appreciate your and Mr. Norton's continued technical assistance in helping us with a successful transition. Please don't hesitate to let me know of any additional activities that I need to be working on.

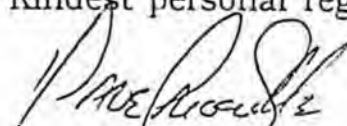
Following are comments on your survey of conditions at the Seldovia boat harbor, and the repair estimates. Attached to this letter is a summary from our Harbormaster, Susan Carlough.

- There are about six piling that are loose and doing a bit of dancing with the tide.
- I assume that the assessment of Redi Electric this week may change the estimates for repairing the electrical system.
- Please advise if it would be possible for the State to joint venture with the Corp in completing the dredging activities, and how I can help facilitate this arrangement.

- You state your estimate will bring the Seldovia harbor facility up to good condition, and correct all major deficiencies. In your estimation, with proper care, how many years will it be before the Seldovia harbor has major deficiencies again? Does the State use any guidelines that suggest a definition of "good condition"?

You should know Harold, that you are Seldovia's harbor expert. I'm sure this is the case in many of the smaller communities that you deal with. We rely on your expertise and Seldovia is grateful for your assistance. Please let me know if there is anything else that I can do to help secure funding for our harbor repairs.

Kindest personal regards;

A handwritten signature in cursive script, appearing to read "Dave Choquette".

Dave Choquette
City Manager

Summary Information

Introduction:

The Seldovia Harbor has a capacity for approximately 140 vessels. State facilities includes the floats, launch ramp, and two grids. Upland facilities and the harbor office are owned and operated by the City of Seldovia. The float system includes a 12-foot x 171-foot approach, 6-foot x 50-foot steel gangway, 10-foot x 50-foot gangway 10-foot x 900-foot marginal float, 10-foot x 225-foot float main float (A) with (9) 42-foot stalls, 10-foot x 250-foot main float (B) with (18) 32-foot stalls, 10-foot x 287.5-foot main float (C) with (20) 32-foot stalls, 10-foot x 287.5-foot main float (D) with (10) 32-foot stall floats, 10-foot x 250-foot main float (E) with (14) 32-foot stall floats, 18-foot x 36-foot seaplane float, (2) 20-foot x 102-foot tidal grids, and a 225-foot concrete launch ramp.

Scope of survey:

The Department of Transportation and Public Facilities completed a comprehensive survey and inventory of all public harbor facilities in Alaska in 1992. The Seldovia Harbor was surveyed in June 1992. The Facilities were surveyed again on June 30, 1998. An on site review of the survey was conducted on November 1998.

Basis of estimate:

The estimated replacement costs (in-kind replacement costs for new construction) were assigned to each item on the inventory. These costs were based on 1992 construction cost data. The estimate of proposed State action include an allowance for price escalation (inflation), design, engineering and construction administration services, an allowance for demolition, disposal and mobilization, and a contingency for identified work items, and temporary location of utilities.

Summary of estimate:

The detailed report of conditions found, the proposed state action, and the estimate to bring the State owned Seldovia Harbor Facilities up to good standard is found in the Schedule of Costs. This estimate is for repairs and renovations that make these facilities suitable for transfer of ownership to the City of Seldovia. This estimate is fair and reasonable for the stated purpose.

The following information summarizes the Schedule of Costs.

Inventoried Replacement Value (IRV) of all facilities and features in the State's Seldovia inventory.	\$	1,982,254
In-place Value of all features (State and Local) at current conditions and remaining life.	\$	724,297
Inventoried Replacement Value of State Facilities and Features at current conditions and remaining life.	\$	1,924,754
In-place Value of State facilities and features at current conditions and remaining life.	\$	685,484
The estimated cost to fund the proposed State action is:	\$	2,460,073

Recommendation:

The recommended appropriation request (in thousands) is:

Seldovia Harbor Transfer \$ 2,460.1

Acceptance by the City of Seldovia: (resolution attached)

Tables

Table 1. Definitions of condition assessments

Condition Code	Condition Assessment	Description of condition
1	Failed	Item condition is broken, worn or at otherwise at the end of its useful life needing replacement or major repair. No in-place value remaining
2	Poor	Item condition is broken, worn or at otherwise near the end of its useful life needing replacement or major repair but still providing some nominal level of function. Approximately 22.5% of in-place value remaining.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed, at approximate its half life at normal exposure and service conditions. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal deterioration.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 67.5% in-place value remaining
5	New	Condition found is near new with little evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 90% or better in-place value remaining.

Table 2: Condition Assessment codes for proposed DOT&PF Action

Condition Code	Condition Assessed	Action Proposed by DOT&PF
1	Failed	Complete replacement of item at 100% of estimated cost.
2	Poor	Complete replacement of item at 100% of estimated cost.
3	Fair	Bring up to good or new condition (50% of estimated replacement cost)
4	Good	No action
5	New	No action

Table 3: Adjustment factors for 2000 cost estimate

Factor	Adjustment Factor	Description
Inflation	14.3%	1.5% compounded annually to account for increased cost since the 1992 construction cost database was established.
Design	6%	Design engineering to prepare plans, specifications and estimates are calculated as a percentage of construction.
Construction Services	15%	Construction services include engineering support during construction, on-site project coordination and inspection, and final project close out procedures.
Allowance for demolition, disposal and mobilization	35%	Work items associated with preparation, staging equipment, delivery of materials and other contractor costs associated with construction contract independent of unit price costs.
Contingency	10%	for unidentified work elements, temporary relocation of utilities and facilities necessary to undertake the proposed renovation.

Schedule of Costs

ID	Item	Feat Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner	State Only			Proposed State Action
									"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
SELHBR Decking (for fixed structures)	AG		150	lin ft	2	poor	\$36,000	\$8,100	State	\$36,000	\$8,100	\$36,000	\$64,908
SELHBR Railing	AG		300	lin ft	2	poor	\$7,500	\$1,688	State	\$7,500	\$1,688	\$7,500	\$13,523
SELHBR Abutment	AG		1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,508
SELHBR Piling	AG		24	each	3	fair	\$67,200	\$30,240	State	\$67,200	\$30,240	\$33,600	\$60,581
SELHBR Cross Braces	AG		6	each	1	failed	\$1,200	\$0	State	\$1,200	\$0	\$1,200	\$2,164
SELHBR Cross Braces	AG		20	each	3	fair	\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,006
SELHBR Support Structure	AG		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR Gangway Deck/Skid	AG		1	each	3	fair	\$4,200	\$1,890	State	\$4,200	\$1,890	\$2,100	\$3,786
SELHBR Gangway Hinge (top)	AG		2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR Gangway Railing	AG		140	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR Gangway Support Structure	AG		1	each	3	fair	\$25,200	\$11,340	State	\$25,200	\$11,340	\$12,600	\$22,718
SELHBR Gangway Toe (bottom)	AG		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR Utilities-Light Distribution System	AG		1	each	3	fair	\$11,100	\$4,995	State	\$11,100	\$4,995	\$5,550	\$10,007
SELHBR Ladders	G 1	2	each	3	fair	\$1,000	\$450	State	\$1,000	\$450	\$500	\$902	
SELHBR Top Beams	G 1	12	each	3	fair	\$7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$6,491	
SELHBR Bearing Piles	G 1	60	each	3	fair	\$90,000	\$40,500	State	\$90,000	\$40,500	\$45,000	\$81,135	
SELHBR Breasting Piles	G 1	7	each	3	fair	\$14,000	\$6,300	State	\$14,000	\$6,300	\$7,000	\$12,621	
SELHBR Component - Other (see comments)	G 1	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Component - Other (see comments)	G 1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Component - Other (see comments)	G 1	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Ladders	G 2	2	each	2	poor	\$1,000	\$225	State	\$1,000	\$225	\$1,000	\$1,803	
SELHBR Top Beams	G 2	13	each	2	poor	\$7,800	\$1,755	State	\$7,800	\$1,755	\$7,800	\$14,063	
SELHBR Bearing Piles	G 2	65	each	3	fair	\$97,500	\$43,875	State	\$97,500	\$43,875	\$48,750	\$87,896	
SELHBR Breasting Piles	G 2	14	each	3	fair	\$28,000	\$12,600	State	\$28,000	\$12,600	\$14,000	\$25,242	
SELHBR Component - Other (see comments)	G 2	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Ramp Length	LR		15	lin ft	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,245
SELHBR Ramp Length	LR		210	lin ft	3	fair	\$50,400	\$22,680	State	\$50,400	\$22,680	\$25,200	\$45,436
SELHBR Mooring Dolphins	MF A	3	each	4	good	\$27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0	
SELHBR Life Rings or Equivalent	MF A	2	each	5	new	\$1,000	\$900	State	\$1,000	\$900	\$0	\$0	
SELHBR Piling	MF A	2	each	2	poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491	
SELHBR Piling	MF A	13	each	2	poor	\$23,400	\$5,265	State	\$23,400	\$5,265	\$23,400	\$42,190	
SELHBR Float Structure (Deck)	MF A	225	lin ft	2	poor	\$56,250	\$12,656	State	\$56,250	\$12,656	\$56,250	\$101,419	
SELHBR Float Hinges (Standard)	MF A	2	each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,442	
SELHBR Pile Guides (Standard)	MF A	15	each	2	poor	\$6,000	\$1,350	State	\$6,000	\$1,350	\$6,000	\$10,818	
SELHBR Finger (or Stall) Floats	MF A	1	each	2	poor	\$3,864	\$869	State	\$3,864	\$869	\$3,864	\$6,967	
SELHBR Finger (or Stall) Floats	MF A	7	each	3	fair	\$27,048	\$12,172	State	\$27,048	\$12,172	\$13,524	\$24,384	

Schedule of Costs

ID	Item	Feat Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner	State Only			
									"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
SELHBR	Finger (or Stall) Floats	MF A	1	each	4	good	\$3,864	\$2,608	State	\$3,864	\$2,608	\$0	\$0
SELHBR	Finger Float Hinges (Standard)	MF A	18	each	2	poor	\$5,400	\$1,215	State	\$5,400	\$1,215	\$5,400	\$9,736
SELHBR	Utilities-Light Distribution System	MF A	1	each	2	poor	\$18,810	\$4,232	State	\$18,810	\$4,232	\$18,810	\$33,914
SELHBR	Utilities - Power System (floats)	MF A	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Utilities - Power System (floats)	MF A	1	each	2	poor	\$9,000	\$2,025	State	\$9,000	\$2,025	\$9,000	\$16,227
SELHBR	Utilities - Water System (floats)	MF A	1	each	2	poor	\$2,700	\$608	State	\$2,700	\$608	\$2,700	\$4,868
SELHBR	Fire Protection - Extinguishers	MF A	2	each	3	fair	\$1,000	\$450	State	\$1,000	\$450	\$500	\$902
SELHBR	Fire Protection - Other (see comm.)	MF A	1		3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Life Rings or Equivalent	MF B	2	each	5	new	\$1,000	\$900	State	\$1,000	\$900	\$0	\$0
SELHBR	Piling	MF B	4	each	2	poor	\$7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,982
SELHBR	Piling	MF B	23	each	2	poor	\$41,400	\$9,315	State	\$41,400	\$9,315	\$41,400	\$74,644
SELHBR	Float Structure (Deck)	MF B	250	lin ft	2	poor	\$62,500	\$14,063	State	\$62,500	\$14,063	\$62,500	\$112,688
SELHBR	Float Hinges (Standard)	MF B	2	each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,442
SELHBR	Pile Guides (Standard)	MF B	27	each	2	poor	\$10,800	\$2,430	State	\$10,800	\$2,430	\$10,800	\$19,472
SELHBR	Finger (or Stall) Floats	MF B	18	each	2	poor	\$52,992	\$11,923	State	\$52,992	\$11,923	\$52,992	\$95,545
SELHBR	Finger Float Hinges (Standard)	MF B	8	each	2	poor	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,327
SELHBR	Finger Float Hinges (Standard)	MF B	28	each	2	poor	\$8,400	\$1,890	State	\$8,400	\$1,890	\$8,400	\$15,145
SELHBR	Utilities-Light Distribution System	MF B	1	each	2	poor	\$24,020	\$5,405	State	\$24,020	\$5,405	\$24,020	\$43,308
SELHBR	Utilities - Power System (floats)	MF B	1	each	2	poor	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$32,454
SELHBR	Utilities - Water System (floats)	MF B	1	each	2	poor	\$5,400	\$1,215	State	\$5,400	\$1,215	\$5,400	\$9,736
SELHBR	Fire Protection - Extinguishers	MF B	2	each	2	poor	\$1,000	\$225	State	\$1,000	\$225	\$1,000	\$1,803
SELHBR	Fire Protection - Other (see comm.)	MF B	1		2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Life Rings or Equivalent	MF C	2	each	5	new	\$1,000	\$900	State	\$1,000	\$900	\$0	\$0
SELHBR	Piling	MF C	1	each	2	poor	\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,245
SELHBR	Piling	MF C	17	each	2	poor	\$30,600	\$6,885	State	\$30,600	\$6,885	\$30,600	\$55,172
SELHBR	Piling	MF C	10	each	2	poor	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$32,454
SELHBR	Float Structure (Deck)	MF C	310	lin ft	2	poor	\$77,500	\$17,438	State	\$77,500	\$17,438	\$77,500	\$139,733
SELHBR	Float Hinges (Standard)	MF C	2	each	2	poor	\$800	\$180	State	\$800	\$130	\$800	\$1,442
SELHBR	Pile Guides (Standard)	MF C	28	each	2	poor	\$11,200	\$2,520	State	\$11,200	\$2,520	\$11,200	\$20,194
SELHBR	Finger (or Stall) Floats	MF C	1	each	2	poor	\$2,300	\$518	State	\$2,300	\$518	\$2,300	\$4,147
SELHBR	Finger (or Stall) Floats	MF C	9	each	2	poor	\$20,700	\$4,658	State	\$20,700	\$4,658	\$20,700	\$37,322
SELHBR	Finger (or Stall) Floats	MF C	1	each	2	poor	\$2,944	\$662	State	\$2,944	\$662	\$2,944	\$5,308
SELHBR	Finger (or Stall) Floats	MF C	9	each	2	poor	\$26,496	\$5,962	State	\$26,496	\$5,962	\$26,496	\$47,772
SELHBR	Finger Float Hinges (Standard)	MF C	1	each	2	poor	\$300	\$68	State	\$300	\$68	\$300	\$541
SELHBR	Finger Float Hinges (Standard)	MF C	19	each	2	poor	\$5,700	\$1,283	State	\$5,700	\$1,283	\$5,700	\$10,277
SELHBR	Utilities-Light Distribution System	MF C	1	each	3	fair	\$26,900	\$12,105	State	\$26,900	\$12,105	\$13,450	\$24,250

Prepared by:
Harold Moeser, P.E.
12/18/98

Schedule of Costs

ID	Item	Feat Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner	State Only			Proposed State Action
									"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
SELHBR Utilities - Power System (floats)	MF C	1	each	2	poor	\$20,000	\$4,500	State	\$20,000	\$4,500	\$20,000	\$36,060	
SELHBR Utilities - Water System (floats)	MF C	1	each	2	poor	\$6,000	\$1,350	State	\$6,000	\$1,350	\$6,000	\$10,818	
SELHBR Fire Protection - Extinguishers	MF C	2	each	2	poor	\$1,000	\$225	State	\$1,000	\$225	\$1,000	\$1,803	
SELHBR Fire Protection - Other (see comm.)	MF C	1		2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Life Rings or Equivalent	MF D	2	each	5	new	\$1,000	\$900	State	\$1,000	\$900	\$0	\$0	
SELHBR Piling	MF D	2	each	2	poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491	
SELHBR Piling	MF D	16	each	4	good	\$28,800	\$19,440	State	\$28,800	\$19,440	\$0	\$0	
SELHBR Float Structure (Deck)	MF D	360	lin ft	4	good	\$90,000	\$60,750	State	\$90,000	\$60,750	\$0	\$0	
SELHBR Pile Guides (Standard)	MF D	2	each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,442	
SELHBR Pile Guides (Standard)	MF D	16	each	3	fair	\$6,400	\$2,880	State	\$6,400	\$2,880	\$3,200	\$5,770	
SELHBR Finger (or Stall) Floats	MF D	10	each	3	fair	\$29,440	\$13,248	State	\$29,440	\$13,248	\$14,720	\$26,540	
SELHBR Finger Float Hinges (Standard)	MF D	10	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,705	
SELHBR Utilities-Light Distribution System	MF D	1	each	3	fair	\$24,400	\$10,980	State	\$24,400	\$10,980	\$12,200	\$21,997	
SELHBR Utilities - Power System (floats)	MF D	1	each	2	poor	\$10,000	\$2,250	State	\$10,000	\$2,250	\$10,000	\$18,030	
SELHBR Fire Protection - Extinguishers	MF D	2	each	3	fair	\$1,000	\$450	State	\$1,000	\$450	\$500	\$902	
SELHBR Fire Protection - Other (see comm.)	MF D	1		3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Life Rings or Equivalent	MF E	2	each	5	new	\$1,000	\$900	State	\$1,000	\$900	\$0	\$0	
SELHBR Piling	MF E	2	each	2	poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491	
SELHBR Piling	MF E	17	each	3	fair	\$30,600	\$13,770	State	\$30,600	\$13,770	\$15,300	\$27,586	
SELHBR Float Structure (Deck)	MF E	237	lin ft	4	good	\$59,250	\$39,994	State	\$59,250	\$39,994	\$0	\$0	
SELHBR Float Hinges (Standard)	MF E	2	each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0	
SELHBR Pile Guides (Standard)	MF E	19	each	3	fair	\$7,600	\$3,420	State	\$7,600	\$3,420	\$3,800	\$6,851	
SELHBR Finger (or Stall) Floats	MF E	14	each	3	fair	\$41,216	\$18,547	State	\$41,216	\$18,547	\$20,608	\$37,156	
SELHBR Finger Float Hinges (Standard)	MF E	14	each	3	fair	\$4,200	\$1,890	State	\$4,200	\$1,890	\$2,100	\$3,788	
SELHBR Utilities-Light Distribution System	MF E	1	each	3	fair	\$20,810	\$9,365	State	\$20,810	\$9,365	\$10,405	\$18,760	
SELHBR Utilities - Power System (floats)	MF E	1	each	2	poor	\$14,000	\$3,150	State	\$14,000	\$3,150	\$14,000	\$25,242	
SELHBR Utilities - Water System (floats)	MF E	1	each	2	poor	\$4,200	\$945	State	\$4,200	\$945	\$4,200	\$7,573	
SELHBR Fire Protection - Extinguishers	MF E	2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0	
SELHBR Fire Protection - Other (see comm.)	MF E	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Float Structure (Deck)	MF Tr	19	lin ft	4	good	\$6,650	\$4,489	State	\$6,650	\$4,489	\$0	\$0	
SELHBR Float Hinges (Heavy Duty)	MF Tr	7	each	4	good	\$4,200	\$2,835	State	\$4,200	\$2,835	\$0	\$0	
SELHBR Utility System -Other(see comments)	MF Tr	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
SELHBR Piling	MG 1	2	each	2	poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491	
SELHBR Piling	MG 1	17	each	2	poor	\$30,600	\$6,885	State	\$30,600	\$6,885	\$30,600	\$55,172	
SELHBR Float Structure (Deck)	MG 1	900	lin ft	2	poor	\$207,000	\$46,575	State	\$207,000	\$46,575	\$207,000	\$373,221	
SELHBR Float Hinges (Standard)	MG 1	2	each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,442	

Schedule of Costs

ID	Item	Feat Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner	State Only			Proposed State Action
									"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
SELHBR	Pile Guides (Standard)	MG 1	19	each	2	poor	\$7,600	\$1,710	State	\$7,600	\$1,710	\$7,600	\$13,703
SELHBR	Utilities-Light Distribution System	MG 1	1	each	2	poor	\$45,000	\$10,125	State	\$45,000	\$10,125	\$45,000	\$81,135
SELHBR	Utilities - Power System (floats)	MG 1	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Utilities - Water System (floats)	MG 1	1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Utility System -Other(see comments)	MG 1	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Fire Protection - Extinguishers	MG 1	1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$451
SELHBR	Fire Protection - Fire Pumps	MG 1	3	each	4	good	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
SELHBR	Fire Protection - Other (see comm.)	MG 1	3		3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Fire Protection - Other (see comm.)	MG 1	1		5	new	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Component - Other (see comments)	MG 1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Component - Other (see comments)	MG 1	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SELHBR	Piling	SP	1	each	1	failed	\$1,800	\$0	State	\$1,800	\$0	\$1,800	\$3,245
SELHBR	Piling	SP	1	each	4	good	\$1,800	\$1,215	State	\$1,800	\$1,215	\$0	\$0
SELHBR	Float Structure (Deck)	SP	36	lin ft	3	fair	\$21,600	\$9,720	State	\$21,600	\$9,720	\$10,800	\$19,472
SELHBR	Float Hinges (Standard)	SP	2	each	1	failed	\$800	\$0	State	\$800	\$0	\$800	\$1,442
SELHBR	Pile Guides (Standard)	SP	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$721
SELHBR	Facilities - Harbor Office	UF	300	sq ft	4	good	\$30,000	\$20,250	Other	\$0	\$0	\$0	\$0
SELHBR	Facilities - Restrooms	UF	1	each	4	good	\$5,000	\$2,375	Other	\$0	\$0	\$0	\$0
SELHBR	Facilities - Parking (by acre)	UF	0.17	acres	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SELHBR	Facilities - Upland Boat Storage	UF	0.02	acres	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SELHBR	Utilities-Light Distribution System	UF	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SELHBR	Utilities - Power System (general)	UF	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SELHBR	Disposal - Waste Oil Containers	UF	500	gal	4	good	\$2,500	\$1,688	Other	\$0	\$0	\$0	\$0
SELHBR	Disposal - Solid Waste Containers	UF	2000	cu ft	4	good	\$20,000	\$13,500	Other	\$0	\$0	\$0	\$0
SELHBR	Dredged basin -12	DB	6000	cy	2	poor	\$60,000	\$13,500	State	\$60,000	\$13,500	\$60,000	\$108,180
							\$1,982,254	\$724,297		\$1,924,754	\$685,484	\$1,364,433	\$2,460,073

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

TONY KNOWLES, GOVERNOR

3132 CHANNEL DRIVE
JUNEAU, ALASKA 99901-7898
PHONE: (907) 465-3979
TEXT TELEPHONE: (907) 465-3652
FAX: (907) 586-8365

STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

April 23, 1999

Linda Snow, City Manager
City of Petersburg
P.O. Box 329
Petersburg, AK 99833

Dear Ms. Snow:

You have stated a desire to explore the possibility of a transfer and the appropriate level of effort toward deferred maintenance to enable the City to confidently accept full ownership responsibility. The City, through your engineer, has identified several issues that might affect the State's estimate.

In response to your request, and subsequent discussions with your staff, we have reviewed in detail all harbor features and their condition. Our review included additional site visits and reviews of past records, reports, and project history. Consequently, we have modified previous estimates that reflect conditions found during our site visit on April 13 and 14, 1999.

North Harbor floats were constructed in 1965 and 1976. North harbor wood floats, constructed in 1965 need general repairs to floatation, connections, and structural members. The concrete section, constructed in 1976, is in fair condition. The electrical power and light is not part of the state installation.

While total replacement of Middle Harbor floats, constructed in 1970, is not considered necessary based purely on condition, but they are at the end of their economic life. Major renovation would cost nearly as much as total replacement without restoring the full service life to the facility. In addition, you would not be able to restore the freeboard necessary to make other modernizing improvements under the renovation alternative that you could have with a replacement alternative. The electrical power and light is not part of the state installation.

South harbor was constructed in 1984. The estimate provides for full replacement of hinges. The specified chromate copper arsenate (CCA) treatment is not doing as well as the penta-chlorophenol or creosote materials in the older harbors. The estimate for South harbor includes an allowance for wood replacement. With noted exceptions, South harbor is in good condition. The electric power and light is part of the state installation.

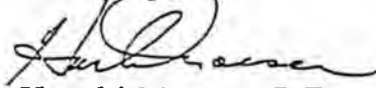
The City is not bound by these findings. The estimate provides a generous allowance for local decisions on the scope of repair and renovations or replacement in any of your harbors. The final scope of work would be a local decision to satisfy local priorities through appropriate public involvement.

From all of the above, we have concluded that a fair and reasonable estimate to bring the entire Petersburg Small Boat Harbors, North, Middle, and South to good condition is \$3.3 million.

While there is no pending appropriation bill for harbor transfers and deferred maintenance this session, the Department would support a legislative appropriation for the Petersburg Harbor in the above amount for that purpose.

If you or your staff have further questions about the estimate please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosure (1)

cc: Andy Hughes, Area Planner, Southeast Region

Summary Information

Introduction:

The Petersburg facilities operated under lease to the City includes the South, Middle, and North harbors, seaplane float, and the Banana Point Launching ramp. Facilities operated by the State are Papke's landing and Kupreanof Float. State operated facilities are not included in this cost estimate.

Scope of survey:

The Department of Transportation and Public Facilities completed a comprehensive survey and inventory of all public harbor facilities in Alaska in 1992. The Petersburg Harbor was surveyed in 1998. The Department has reviewed the 1998 survey and conducted a joint survey with the City of Petersburg in April 1999.

Basis of estimate:

The estimated replacement costs (in-kind replacement costs for new construction) were assigned to each item on the inventory. These costs were based on 1992 construction cost data. The estimates of proposed State action include an allowance for price escalation (inflation), design, engineering and construction administration services, an allowance for demolition, disposal and mobilization, and a contingency for identified work items, and temporary location of utilities.

Summary of estimate:

The conditions found, the proposed state action, and the estimate to bring the State owned facilities up to good standard is found in the Schedule of Costs.

The following information summarizes the Schedule of costs.

Inventoried Replacement Value (IRV) of all facilities and features in the Petersburg Harbor including the new seaplane float. Not included are facilities outside the City limits of Petersburg such as Papke's Landing and the Banana Point Launch Ramp.	\$ 6,790,793
In-place Value of all features (State and Local) at current conditions and remaining life.	\$ 3,842,878
Inventoried Replacement Value of State Facilities and Features.	\$ 6,432,723
In-place Value of State facilities and features at current condition and remaining life.	\$ 3,722,890
Cost Estimate to fund proposed State action.	\$ 3,292,951

Tables

Condition Code	Condition Assessment	Description of condition
1	Failed	Item condition is broken, worn or at otherwise at the end of its useful life needing replacement or major repair. No in-place value remaining.
2	Poor	Item condition is broken, worn or at otherwise near the end of its useful life needing replacement or major repair but still providing some nominal level of function. Approximately 22.5% of in-place value remaining. Less than 6 years life remaining.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal deterioration. Approximately 50% of in-place value remaining. Approximately its half life at normal exposure and service conditions.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 67.5% in-place value remaining. More than 6 years old.
5	New	Condition found is near new with little evidence of age and usage with significant life remaining under normal exposure and service conditions. Approximately 90% or better in-place value remaining. Less than 6 years old.

Table 2: Condition Assessment codes for proposed DOT&PF Action

Condition Code	Condition Assessed	Action Proposed by DOT&PF
1	Failed	Complete replacement of item at 100% of estimated cost.
2	Poor	Complete replacement of item at 100% of estimated cost.
3	Fair	Bring up to good or new condition (50% of estimated replacement cost)
4	Good	No action
5	New	No action

Table 3: Adjustment factors for 2000 cost estimate

Factor	Adjustment Factor	Description
Inflation	12.6%	1.5% inflation to 2000, compounded annually to account for increased cost since the 1992 construction cost database was established.
Design	6%	Design engineering to prepare drawings, specifications and estimates are calculated as a percentage of construction.
Construction Services	10%	Construction services include engineering support during construction, on-site project coordination and inspection, and final project close out procedures.
Allowance for demolition, disposal and mobilization	35%	Work items associated with preparation, staging equipment, delivery of materials and other contractor costs associated with construction contract independent of unit price costs.
Contingency	10%	for unidentified work elements, temporary relocation of utilities and facilities necessary to undertake the proposed renovation.

Item ID	Item	Type	Feat. Ext.	Quantity	Unit	Cond.	5/9	5/9	Desc	Estimated Replacement Cost	In-Place Value	Owner	State Only			Proposed State Action
												State or Other	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
PETMHB	Decking (for fixed structures)	AG	1	134	lin ft	3	Good	fair		\$32,160	\$14,472	State	\$32,160	\$14,472	\$16,080	\$27,915
PETMI	'B Railing	AG	1	274	lin ft	2	Fair	poor		\$6,850	\$1,541	State	\$6,850	\$1,541	\$6,850	\$11,892
PETMHB	Abutment	AG	1	1	each	2	Good	poor		\$5,000	\$1,125	State	\$5,000	\$1,125	\$5,000	\$8,660
PETMHB	Piling	AG	1	18	each	3	Good	fair		\$43,200	\$19,440	State	\$43,200	\$19,440	\$21,600	\$37,498
PETMHB	Cross Braces	AG	1	31	each	2	Fair	poor		\$6,200	\$1,395	State	\$6,200	\$1,395	\$6,200	\$10,763
PETMHB	Support Structure	AG	1	1	each	2	Good	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB	Gangway Deck/Skld	AG	1	1	each	2	Fair	poor		\$3,000	\$675	State	\$3,000	\$675	\$3,000	\$5,208
PETMHB	Gangway Railing (top)	AG	1	2	each	2	Good	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB	Gangway Railing	AG	1	100	lin ft	2	Good	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB	Gangway Support Structure	AG	1	1	each	2	Good	poor		\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$31,248
PETMHB	Gangway Toe (bottom)	AG	1	1	each	2	Fair	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB	Utilities-Light Distribution System	AG	1	1	each	3	Fair	fair		\$9,540	\$4,293	Other	\$0	\$0	\$0	\$0
PETMHB	Utility System -Other(see comments)	AG	1	1	Other	2	Good	poor		\$0	\$0	Other	\$0	\$0	\$0	\$0
PETMHB	Component - Other (see comments)	AG	1	1	each	2	Good	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB	Component - Other (see comments)	AG	1	1	each	2	Good	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB	Float Structure (Deck)	GF	1	20	lin ft	2	Good	poor		\$14,000	\$3,150	State	\$14,000	\$3,150	\$14,000	\$24,304
PETMHB	Float Hinges (Standard)	GF	1	2	each	2	Fair	poor		\$800	\$180	State	\$800	\$180	\$800	\$1,389
PETMHB	Piling	MF	1	2	each	2	Good	poor		\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,250
PETMHB	Piling	MF	1	5	each	2	Good	poor		\$13,500	\$3,038	State	\$13,500	\$3,038	\$13,500	\$23,436
PETMHB	Float Structure (Deck)	MF	1	320	lin ft	2	Good	poor		\$57,600	\$12,960	State	\$57,600	\$12,960	\$57,600	\$99,994
PETMHB	Float Hinges (Heavy Duty)	MF	1	2	each	2	Fair	poor		\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETMHB	Pile Guides (Heavy Duty)	MF	1	7	each	2	Good	poor		\$3,500	\$788	State	\$3,500	\$788	\$3,500	\$6,076
PETMHB	Finger (or Stall) Floats	MF	1	26	each	2	Good	poor		\$50,544	\$11,372	State	\$50,544	\$11,372	\$50,544	\$87,744
PETMHB	Utilities-Light Distribution System	MF	1	1	each	2	Fair	poor		\$18,960	\$4,166	Other	\$0	\$0	\$0	\$0
PETMHB	Utilities - Power System (floats)	MF	1	1	each	2	Fair	poor		\$26,000	\$5,850	Other	\$0	\$0	\$0	\$0
PETMHB	Piling	MF	2	3	each	2	Good	poor		\$5,400	\$1,215	State	\$5,400	\$1,215	\$5,400	\$9,374
PETMHB	Piling	MF	2	24	each	2	Good	poor		\$64,800	\$14,580	State	\$64,800	\$14,580	\$64,800	\$112,493
PETMHB	Float Structure (Deck)	MF	2	40	lin ft	2	Fair	poor		\$57,600	\$12,960	State	\$57,600	\$12,960	\$57,600	\$99,994
PETMHB	Float Structure (Deck)	MF	2	438	lin ft	2	Fair	poor		\$105,120	\$23,652	State	\$105,120	\$23,652	\$105,120	\$182,488
PETMHB	Float Hinges (Heavy Duty)	MF	2	2	each	2	Good	poor		\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETMHB	Pile Guides (Heavy Duty)	MF	2	27	each	2	Fair	poor		\$13,500	\$3,038	State	\$13,500	\$3,038	\$13,500	\$23,436
PETMHB	Finger (or Stall) Floats	MF	2	2	each	2	Poor	poor		\$5,184	\$1,166	State	\$5,184	\$1,166	\$5,184	\$9,999
PETMHB	Finger (or Stall) Floats	MF	2	23	each	2	Fair	poor		\$59,616	\$13,414	State	\$59,616	\$13,414	\$59,616	\$103,493
PETMHB	Finger (or Stall) Floats	MF	2	3	each	2	Fair	poor		\$37,908	\$8,529	State	\$37,908	\$8,529	\$37,908	\$65,808
PETMHB	Finger Float Hinges (Heavy Duty)	MF	2	8	each	2	Fair	poor		\$1,800	\$1,080	State	\$4,800	\$1,080	\$4,800	\$8,333
PETMHB	Utilities-Light Distribution System	MF	2	1	each	2	Fair	poor		\$46,140	\$10,382	Other	\$0	\$0	\$0	\$0

Prepared by:
Harold Moeser
3/3/99

PETMHB Utilities - Power System (floats)	MF	2	1 each	2	Fair poor	\$28,000	\$6,300	Other	\$0	\$0	\$0	\$0
PETMHB Fire Protection - Extinguishers	MF	2	1 each	2	Good/poor	\$500	\$113	State	\$500	\$113	\$500	\$868
PETMHB Piling	MF	3	6 each	2	Good/poor	\$14,400	\$3,240	State	\$14,400	\$3,240	\$14,400	\$24,998
PETMHB Float Structure (Deck)	MF	3	150 lin ft	2	Good/poor	\$75,000	\$16,875	State	\$75,000	\$16,875	\$75,000	\$130,200
PETMHB Pile Guides (Standard)	MF	3	6 each	2	Good/poor	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,166
PETMHB Piling	MG	1	5 each	2	Good/poor	\$13,500	\$3,038	State	\$13,500	\$3,038	\$13,500	\$23,436
PETMHB Float Structure (Deck)	MG	1	174 lin ft	2	Fair poor	\$37,584	\$8,456	State	\$37,584	\$8,456	\$37,584	\$65,246
PETMHB Pile Guides (Heavy Duty)	MG	1	5 each	2	Good/poor	\$2,500	\$563	State	\$2,500	\$563	\$2,500	\$4,340
PETMHB Finger (or Stall) Floats	MG	1	6 each	2	Good/poor	\$9,720	\$2,187	State	\$9,720	\$2,187	\$9,720	\$16,874
PETMHB Utilities-Light Distribution System	MG	1	1 each	2	Fair poor	\$8,760	\$1,971	Other	\$0	\$0	\$0	\$0
PETMHB Utilities - Power System (floats)	MG	1	1 each	2	Fair poor	\$6,000	\$1,350	Other	\$0	\$0	\$0	\$0
PETMHB Fire - Hydrant System (floats)	MG	1	1 each	2	Good/poor	\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB Fire Protection - Other (see comm.)	MG	1	1	2	Poor/poor	\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB Component - Other (see comments)	MG	1	1 each	2	Good/poor	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Decking (for fixed structures)	AG	1	50 lin ft	3	Good/fair	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$13,020
PETNHB Railing	AG	1	80 lin ft	2	Good/poor	\$2,000	\$450	State	\$2,000	\$450	\$2,000	\$3,472
PETNHB Abutment	AG	1	1 each	2	Good/poor	\$5,000	\$1,125	State	\$5,000	\$1,125	\$5,000	\$8,680
PETNHB Piling	AG	1	18 each	3	Good/fair	\$43,200	\$19,440	State	\$43,200	\$19,440	\$21,600	\$37,498
PETNHB Cross Braces	AG	1	20 each	3	Good/fair	\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,472
PETNHB Support Structure	AG	1	1 each	3	Good/fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Deck/Skld	AG	1	1 each	3	Good/fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,125
PETNHB Gangway Hinge (top)	AG	1	2 each	3	Good/fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Railing	AG	1	120 lin ft	2	Good/poor	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Support Structure	AG	1	1 each	3	Good/fair	\$21,600	\$9,720	State	\$21,600	\$9,720	\$10,800	\$18,749
PETNHB Gangway Toe (bottom)	AG	1	1 each	3	Good/fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Utilities-Light Distribution System	AG	1	1 each	3	Good/fair	\$5,550	\$2,498	Other	\$0	\$0	\$0	\$0
PETNHB Utility System -Other(see comments)	AG	1	1 other	3	Good/fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
PETNHB Decking (for fixed structures)	AG	2	51 lin ft	3	Good/fair	\$6,120	\$2,754	State	\$6,120	\$2,754	\$3,060	\$5,312
PETNHB Railing	AG	2	102 lin ft	3	Fair fair	\$2,550	\$1,148	State	\$2,550	\$1,148	\$1,275	\$2,213
PETNHB Abutment	AG	2	1 each	3	Fair fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,340
PETNHB Piling	AG	2	6 each	3	Good/fair	\$14,400	\$6,480	State	\$14,400	\$6,480	\$7,200	\$12,499
PETNHB Piling	AG	2	6 each	3	Good/fair	\$19,200	\$8,640	State	\$19,200	\$8,640	\$9,600	\$16,666
PETNHB Cross Braces	AG	2	2 each	3	Fair fair	\$400	\$180	State	\$400	\$180	\$200	\$347
PETNHB Cross Braces	AG	2	1 each	3	Poor fair	\$200	\$90	State	\$200	\$90	\$100	\$174
PETNHB Cross Braces	AG	2	11 each	3	Good/fair	\$2,200	\$990	State	\$2,200	\$990	\$1,100	\$1,910
PETNHB Support Structure	AG	2	1 each	3	Good/fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Deck/Skld	AG	2	1 each	3	Fair fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,604
PETNHB Gangway Hinge (top)	AG	2	2 each	3	Good/fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Railing	AG	2	100 lin ft	3	Good/fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Support Structure	AG	2	1 each	3	Good/fair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$15,624

Prepared by:
Harold Moeser
3/3/99