

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

March 27, 2001

Ans'd.....

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.

Richard M. Thum
MAYOR OF PETERSBURG

Donna Williams
MAYOR OF KLAUOCK

Albert W. Dick
MAYOR OF NOONAH

Donna L. Watson
MAYOR OF CRAIG

Theresa F. Fisk
MAYOR OF ANGOON

Valerie L. Nelson
Mayor of Sitka

Kathie Wasserman
MAYOR OF PELICAN

Lonnie Anderson
MAYOR OF KAKE

Bob Weinstein
MAYOR OF KETCHIKAN

Jack Ray
MAYOR OF KETCHIKAN BOROUGH

Lonnie E. Oles
Mayor City of Haines

Sally Smith
Mayor, City & Borough of Juana

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 cursive script, appearing to read "Larry C. Hancock".

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

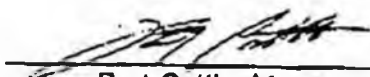
Section 1. The City of Valdez supports Senate Bill 111 and House Bill 146 as an appropriate way to pay for the State's deferred maintenance costs for harbors.

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

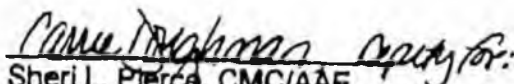
Section 3. The City of Valdez urges the legislature to pass these bills during this first session of the twenty-second legislature so that our State's harbors and ports can begin the much-needed repairs that have been neglected for so many years.

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 \$	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	\$1,457	\$1,942	\$449	30%
Total Project Cost	\$25,651	\$36,651	\$11,000	43%
Federal Share	\$20,192	\$28,294	\$8,102	40%
City of Nome Share	\$5,459	\$8,367	\$2,908	53%

NOTE:

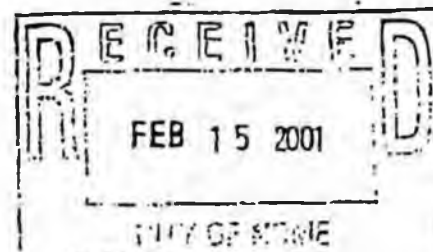
Jul-98 estimate is from the Feasibility Study approved in WRDA 99
& amended USACE Chief's Report.
Feb-01 estimate is based on 90% design dwgs.

**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.

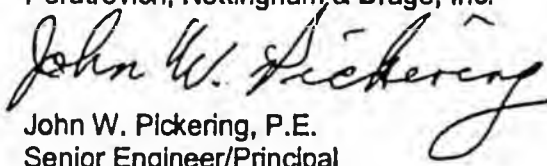
No.	ITEM	ROM COST EST (\$)
1	Site Mobilization & Demoblization	\$50,000
2	Demolition of Existing Floats	\$50,000
3	Floats	\$150,000
4	Piles	\$150,000
5	Engineering/Development	\$30,000
6	Miscellaneous	\$20,000
	Subtotal	\$450,000
	Contingency	\$50,000
	ROM Total	\$500,000

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.

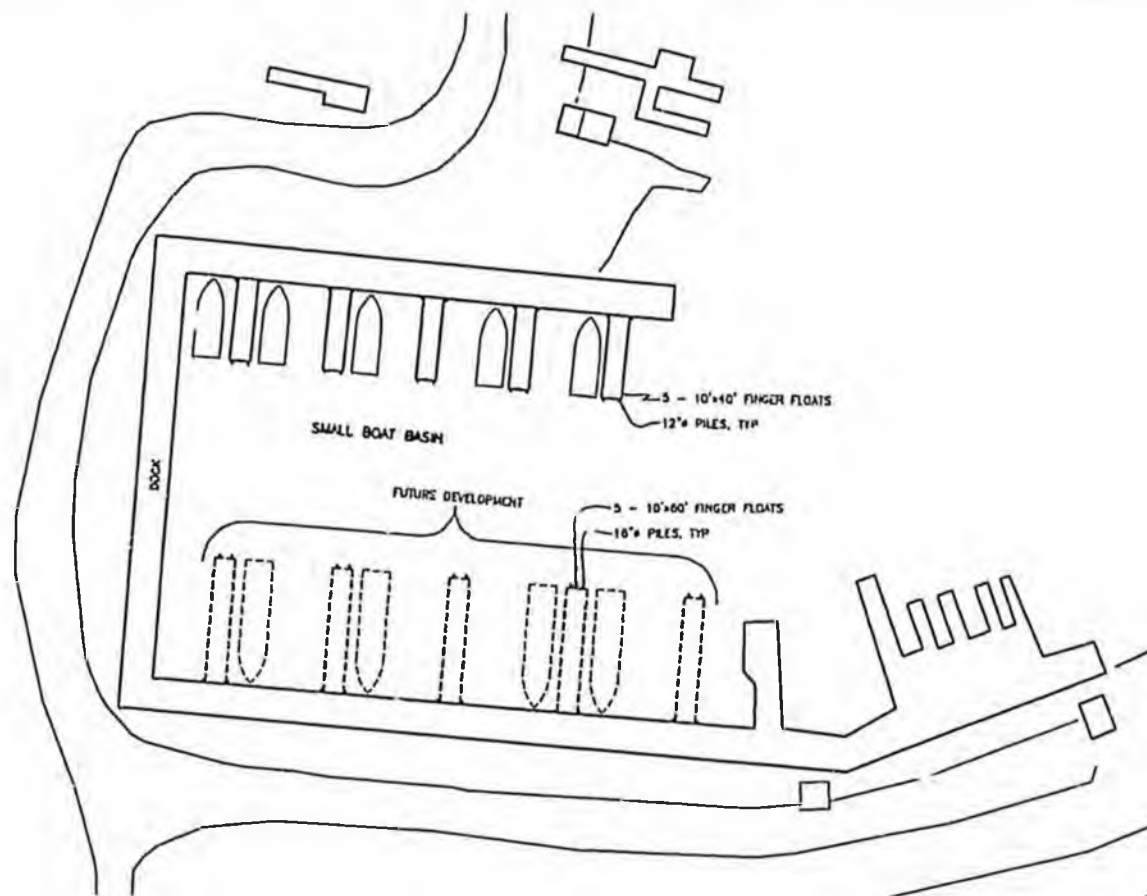
Please call either Alan B. Christopherson or myself if there are any questions.

Sincerely,

Peratrovich, Nottingham & Drage, Inc.

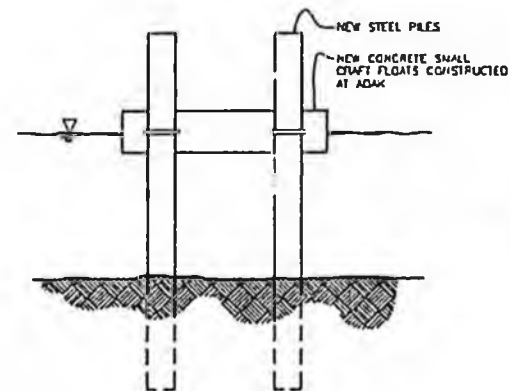

John W. Pickering, P.E.
Senior Engineer/Principal

Enc: 2 - plan sheets



PLAN

SCALE IN FEET



TYPICAL NEW FLOAT

ADAK SMALL BOAT HARBOR

Designed: JMF
Drawn: MC
Checked:
Project No: 01211



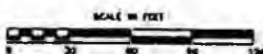
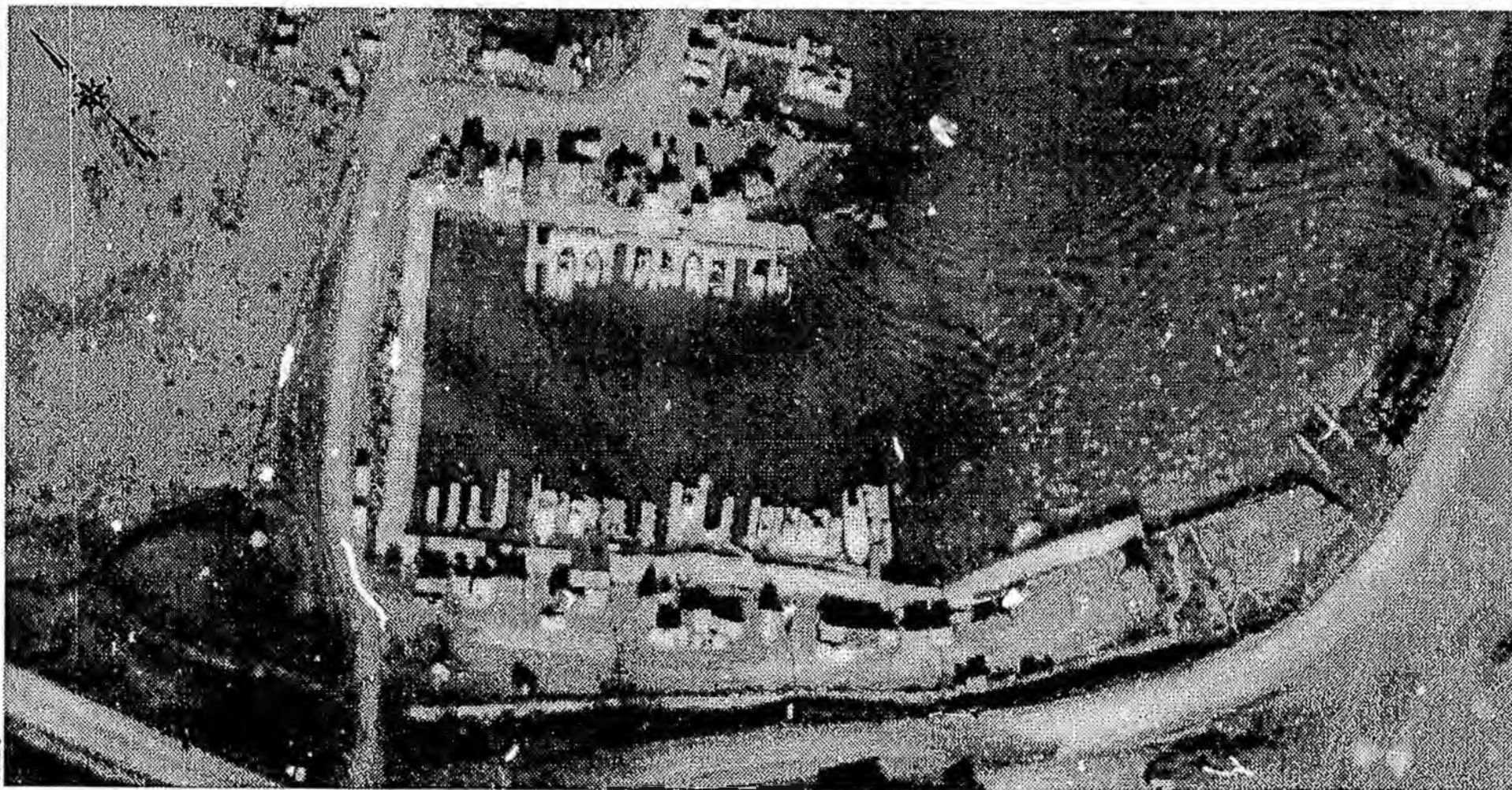
Peralovich, Nottingham & Drage, Inc.
Engineering Consultants

1804 West 34th Avenue, Anchorage, Alaska 99503 (407) 663-1011 FAX (407) 965-4320

Date: 04/11/01
Scale:

NEW FLOAT CONCEPT PLAN

Sheet
2 of 2



ADAK SMALL BOAT HARBOR

Designed by
Drawn by
Checked by
Project No. 2001



Peratrovich, Nottingham & Drage, Inc.
Engineering Consultants

1506 West 34th Avenue,
Anchorage, Alaska 99503 (907) 645-1011 FAX (907) 645-4210

Date 6/2/20
Scale 1"=50'

EXISTING CONDITIONS

Sheet
1 of 2

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.

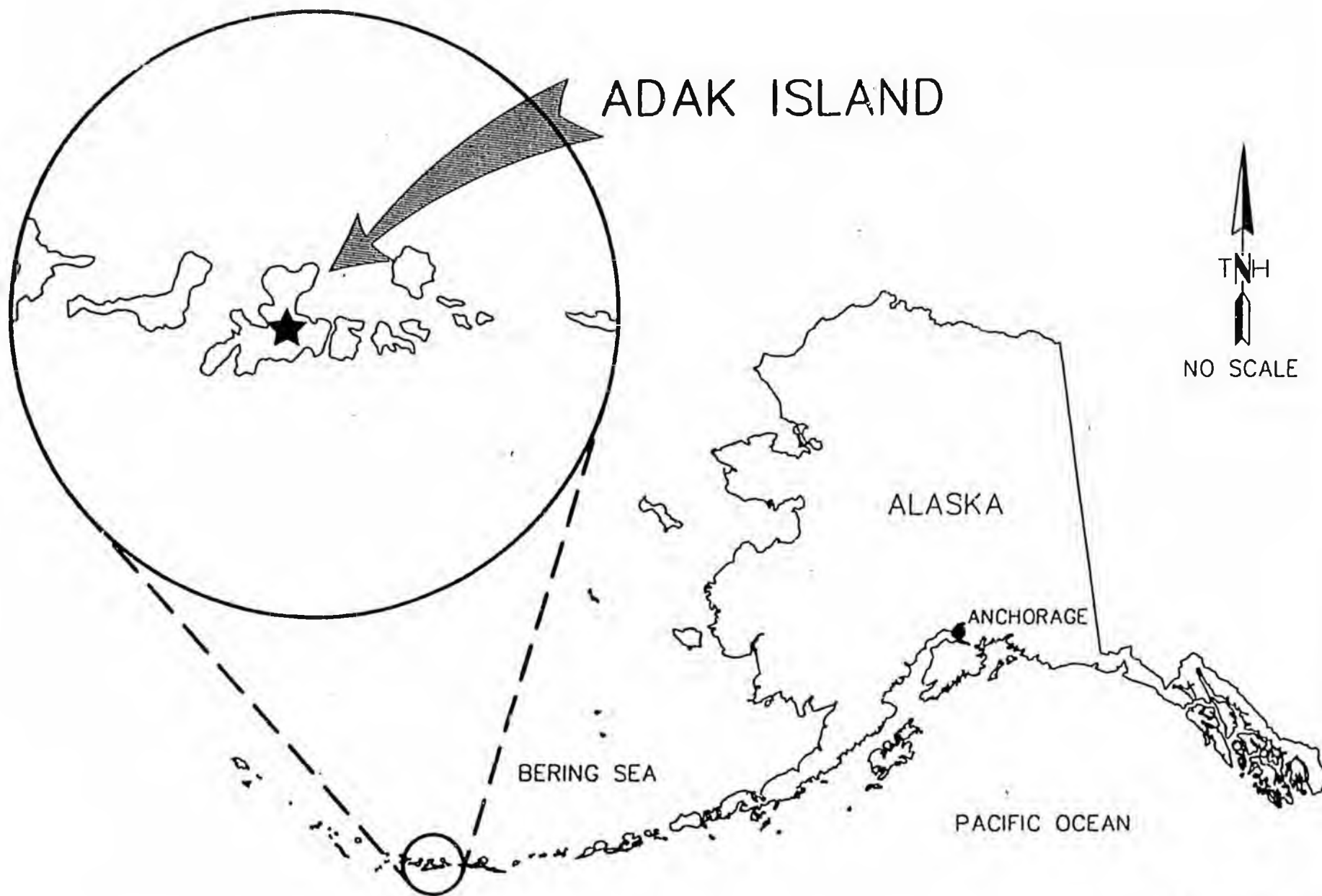


FIGURE E-1

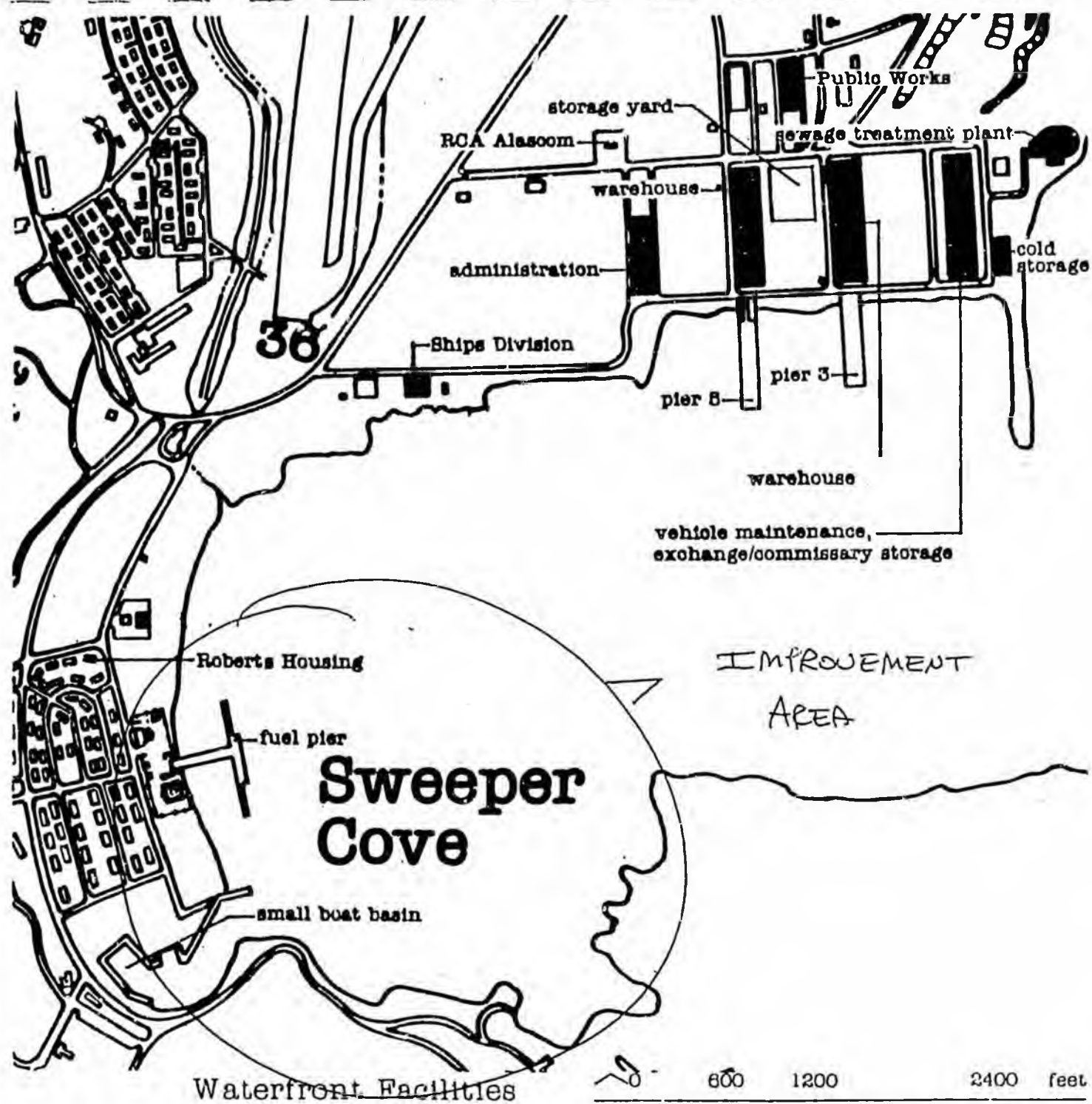


FIGURE IB-3.1

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;

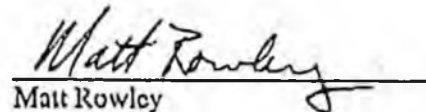
NOW, THEREFORE BE IT RESOLVED by the City of Whittier Council that City of
Whittier wishes to inform the Alaska Department of Transportation and the Alaska
Legislature that the City wishes to receive title to the Whittier Small Boat Harbor and
will accept a conveyance of the Small Boat Harbor if such 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 Assessment	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.

Sch. of Costs

													Owner				
ID	Feature	Item	Ext	Code	Quantity	Unit	Con	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	\$2,600	\$2,340	State	\$2,600	\$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	6	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

Owner													Estimated	In-Place	Maintenance	Proposed
ID	Feature	Item	Ext	Code	Quant	Unit	Con	Desc	Replacement	Value all	or	Replacement	Value State	Value State	and Repair	State Action
							dit		Cost	Facilities	Other	Value State	Value State	Facility	Cost	
WHIIBR	Approach & Gangway	Gangway Hinge (top)	AG 4	H19	2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIIBR	Approach & Gangway	Gangway Railing	AG 4	H20	134	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIIBR	Approach & Gangway	Gangway Support Structure	AG 4	H21	1	each	4	good	\$24,120	\$16,281	State	\$24,120	\$16,281	\$0	\$0	\$0
WHIIBR	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	
WHIIBR	Boat Lift	Railing	BL	D41	108	lin ft	4	good	\$2,650	\$1,789	State	\$2,650	\$1,789	\$0	\$0	\$0
WHIIBR	Boat Lift	Piling	BL	H15	4	each	4	good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0	\$0
WHIIBR	Boat Lift	Piling	BL	H15	2	each	3	fair	\$9,800	\$4,410	State	\$9,800	\$4,410	\$4,900	\$8,477	\$0
WHIIBR	Boat Lift	Piling	BL	H15	10	each	4	good	\$49,000	\$33,075	State	\$49,000	\$33,075	\$0	\$0	\$0
WHIIBR	Boat Lift	Boat Holst	BL	H43	1	each	4	good	\$60,000	\$40,500	State	\$60,000	\$40,500	\$0	\$0	\$0
WHIIBR	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	
WHIIBR	Breakwater	Rubblemound	BW	H01	250	lin ft	3	fair	\$250,000	\$187,500	State	\$250,000	\$187,500	\$125,000	\$216,250	\$0
WHIIBR	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
WHIIBR	Breakwater	Floating	BW	H02	125	lin ft	4	good	\$250,000	\$168,750	State	\$250,000	\$168,750	\$0	\$0	\$0
WHIIBR	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	
WHIIBR	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
WHIIBR	Dock (Pier)	Fendering System	DP	D22	07	lin ft	4	good	\$13,400	\$9,045	State	\$13,400	\$9,045	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Ladders	DP	D40	3	each	2	poor	\$1,500	\$338	State	\$1,500	\$338	\$1,500	\$2,585	\$0
WHIIBR	Dock (Pier)	Ladders	DP	D40	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Railing	DP	D41	104	lin ft	3	fair	\$2,600	\$1,170	State	\$2,600	\$1,170	\$1,300	\$2,249	\$0
WHIIBR	Dock (Pier)	Life Rings or Equivalent	DP	D42	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Abutment	DP	H11	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Piling	DP	H15	4	each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Piling	DP	H15	44	each	4	good	\$154,000	\$103,950	State	\$154,000	\$103,950	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Cross Braces	DP	H18	2	each	2	poor	\$400	\$0	State	\$400	\$0	\$400	\$892	\$0
WHIIBR	Dock (Pier)	Cross Braces	DP	H18	15	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Utilities - Water System (general)	DP	H81	1	each	4	good	\$8,960	\$4,698	State	\$8,960	\$4,698	\$0	\$0	\$0
WHIIBR	Dock (Pier)	Fire Protection - Extinguishers	DP	H94	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0	\$0
WHIIBR	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	
WHIIBR	Fuel Float	Ladders	FF	D40	2	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Piling	FF	H15	4	each	5	new	\$9,600	\$8,640	State	\$9,600	\$8,640	\$0	\$0	\$0
WHIIBR	Fuel Float	Float Structure (Deck)	FF	H27	80	lin ft	5	new	\$120,000	\$108,000	State	\$120,000	\$108,000	\$0	\$0	\$0
WHIIBR	Fuel Float	Pile Guides (Heavy Duty)	FF	H32B	4	each	5	new	\$2,000	\$1,800	State	\$2,000	\$1,800	\$0	\$0	\$0
WHIIBR	Fuel Float	Fuel Tanks - Other (see comments)	FF	H42	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Facilities - Other (see comments)	FF	H73	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Utilities - Power System (floats)	FF	H78A	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Utilities - Water System (floats)	FF	H81A	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0
WHIIBR	Fuel Float	Utility System - Other(see comments)	FF	H93	5	other	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0	\$0

Schedule of Costs

													Owner				
ID	Feature	Item	Feat. Ext.	Code	Quantity	Unit	Con. Dist.	Desc.	Estimated Replacement Cost	In-Place Value at Facility	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	\$8,000	\$4,050	State	\$8,000	\$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	1	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	\$18,000	\$10,800	State	\$18,000	\$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	\$885		
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	\$885		
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	H95		gal	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0		
WHIIBR	Gangway Float	Float Structure (Deck)	GF 2	H27	16	lin ft	2	poor	\$8,720	\$1,512	State	\$8,720	\$1,512	\$8,720	\$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	Facility	Item	Feet Ext	Code	Quantity	Unit	Condition	Description	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	\$800	\$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	\$800	\$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:
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2/5/99

Schedule of Costs

														Owner:					
ID	Feature	Item	Ext	Code	Quant	Unit	Con	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	Main Float	Utilities - Light Distribution System	MF B	H77	1	each	3	fair	\$22,865	\$10,334	State	\$22,865	\$10,334	\$11,483	\$18,865				
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	\$19,200	\$8,640	State	\$19,200	\$8,640	\$9,600	\$18,808				
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	\$22,923				
WHIIBR	Main Float	Utilities - Power System (floats)	MF C	H78A	1	each	2	poor	\$16,000	\$3,600	State	\$16,000	\$3,600	\$16,000	\$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	\$9,600	\$2,160	State	\$9,600	\$2,160	\$9,600	\$16,808				
WHIIBR	Main Float	Float Structure (Deck)	MF D	H27	300	lin ft	3	fair	\$72,000	\$32,400	State	\$72,000	\$32,400	\$36,000	\$62,280				
WHIIBR	Main Float	Float Hinges (Heavy Duty)	MF D	H29B	2	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$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	\$1,256	\$2,172				
WHIIBR	Main Float	Finger (or Stall) Floats	MF D	H35	5	each	2	poor	\$12,960	\$2,916	State	\$12,960	\$2,916	\$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	\$15,895				
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	\$14,293				
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				

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Schedule of Costs

													Owner	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action
ID#	Feature	Item	Feet	Ext	Code	Quantity	Unit	Condition	Description	Estimated Replacement Cost	In-Place Value all Facilities	State or Other					
WH11HBR	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
WH11HBR	Main Float	Float Hinges (Heavy Duty)	MF	E	H29B	2	each	3	fair	\$1,200	\$540	State		\$1,200	\$540	\$600	\$1,038
WH11HBR	Main Float	Pile Guides (Heavy Duty)	MF	E	H32B	1	each	2	poor	\$500	\$113	State		\$500	\$113	\$500	\$885
WH11HBR	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
WH11HBR	Main Float	Finger (or Stall) Floats	MF	E	H35	1	each	2	poor	\$2,430	\$547	State		\$2,430	\$547	\$2,430	\$4,204
WH11HBR	Main Float	Finger (or Stall) Floats	MF	E	H35	19	each	3	fair	\$40,170	\$20,777	State		\$46,170	\$20,777	\$23,085	\$39,037
WH11HBR	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
WH11HBR	Main Float	Utilities - Power System (floats)	MF	E	H78A	1	each	2	poor	\$20,000	\$4,500	State		\$20,000	\$4,500	\$20,000	\$34,800
WH11HBR	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
WH11HBR	Main Float	Fire - Hydrant System (floats)	MF	E	H93A	1	each	3	fair	\$0	\$0	State		\$0	\$0	\$0	\$0
WH11HBR	Main Float	Fire Protection - Extinguishers	MF	E	H94	3	each	5	new	\$1,500	\$1,350	State		\$1,500	\$1,350	\$0	\$0
WH11HBR	Main Float	Piling	MF	F	H15	12	each	3	fair	\$18,000	\$8,100	State		\$18,000	\$8,100	\$9,000	\$15,570
WH11HBR	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
WH11HBR	Main Float	Float Hinges (Heavy Duty)	MF	F	H29B	2	each	3	fair	\$1,200	\$540	State		\$1,200	\$540	\$600	\$1,038
WH11HBR	Main Float	Pile Guides (Heavy Duty)	MF	F	H32B	1	each	2	poor	\$500	\$113	State		\$500	\$113	\$500	\$865
WH11HBR	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
WH11HBR	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
WH11HBR	Main Float	Finger (or Stall) Floats	MF	F	H35	18	each	3	fair	\$34,992	\$15,748	State		\$34,992	\$15,748	\$17,498	\$30,280
WH11HBR	Main Float	Finger (or Stall) Floats	MF	F	H35	2	each	4	good	\$3,888	\$2,624	State		\$3,888	\$2,624	\$0	\$0
WH11HBR	Main Float	Utilities-Light Distribution System	MF	F	H77	1	each	3	fair	\$17,760	\$7,992	State		\$17,760	\$7,992	\$8,880	\$15,302
WH11HBR	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
WH11HBR	Main Float	Utilities - Water System (floats)	MF	F	H81A	1	each	3	fair	\$7,200	\$3,240	State		\$7,200	\$3,240	\$3,600	\$0,228
WH11HBR	Main Float	Fire - Hydrant System (floats)	MF	F	H93A	1	each	3	fair	\$0	\$0	State		\$0	\$0	\$0	\$0
WH11HBR	Main Float	Fire Protection - Extinguishers	MF	F	H94	2	each	5	new	\$1,000	\$900	State		\$1,000	\$900	\$0	\$0
WH11HBR	Main Float	Piling	MF	G	H15	11	each	3	fair	\$18,500	\$7,425	State		\$18,500	\$7,425	\$8,250	\$14,273
WH11HBR	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
WH11HBR	Main Float	Float Hinges (Heavy Duty)	MF	G	H29B	2	each	3	fair	\$1,200	\$540	State		\$1,200	\$540	\$600	\$1,038
WH11HBR	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
WH11HBR	Main Float	Finger (or Stall) Floats	MF	G	H35	2	each	2	poor	\$3,888	\$875	State		\$3,888	\$875	\$3,888	\$6,728
WH11HBR	Main Float	Finger (or Stall) Floats	MF	G	H35	14	each	3	fair	\$27,216	\$12,247	State		\$27,216	\$12,247	\$13,608	\$23,542
WH11HBR	Main Float	Finger (or Stall) Floats	MF	G	H35	6	each	4	good	\$11,664	\$7,873	State		\$11,664	\$7,873	\$0	\$0
WH11HBR	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
WH11HBR	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
WH11HBR	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
WH11HBR	Main Float	Fire - Hydrant System (floats)	MF	G	H93A	1	each	3	fair	\$0	\$0	State		\$0	\$0	\$0	\$0
WH11HBR	Main Float	Fire Protection - Extinguishers	MF	G	H94	3	each	5	new	\$1,500	\$1,350	State		\$1,500	\$1,350	\$0	\$0
WH11HBR	Main Float	Piling	MF	H	H15	11	each	3	fair	\$18,500	\$7,425	State		\$18,500	\$7,425	\$8,250	\$14,273
WH11HBR	Main Float	Float Structure (Deck)	MF	H	H27	24	lin ft	2	poor	\$4,320	\$972	State		\$4,320	\$972	\$4,320	\$7,474
WH11HBR	Main Float	Float Structure (Deck)	MF	H	H27	48	lin ft	4	good	\$8,640	\$5,832	State		\$8,640	\$5,832	\$0	\$0
WH11HBR	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
WH11HBR	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 Moeser, P.E.
2/5/99

Sci. of Costs

													Owner	Estimated Replacement Value State Facility	In-Place Value State Facility	Maintenance and Repair Cost	Proposed State Action
ID	Feature	Item	Ext	Code	Quantity	Unit	Con	Desc	Estimated Replacement Cost	In-Place Value all Facilities	State or Other						
WHIHDR	Main Float	Pile Guides (Heavy Duty)	MF	H	H32B	1 each	1	failed	\$500	\$0	State		\$500	\$0	\$500	\$865	
WHIHDR	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	
WHIHDR	Main Float	Pile Guides (Heavy Duty)	MF	H	H32B	1 each	5	new	\$500	\$450	State		\$500	\$450	\$0	\$0	
WHIHDR	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	
WHIHDR	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	
WHIHDR	Main Float	Finger (or Stall) Floats	MF	H	H35	9 each	4	good	\$17,408	\$11,810	State		\$17,498	\$11,810	\$0	\$0	
WHIHDR	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	
WHIHDR	Main Float	Utilities - Water System (floats)	MF	H	H91A	5 each	4	good	\$6,000	\$4,050	State		\$6,000	\$4,050	\$0	\$0	
WHIHDR	Main Float	Fire Protection - Extinguishers	MF	H	H94	3 each	5	new	\$1,500	\$1,350	State		\$1,500	\$1,350	\$0	\$0	
WHIHDR	Main Float	Life Rings or Equivalent	MF	P	D-12	1 each	4	good	\$500	\$338	State		\$500	\$338	\$0	\$0	
WHIHDR	Main Float	Navigation Aids-lights	MF	P	D70	2 each	4	good	\$0	\$0	State		\$0	\$0	\$0	\$0	
WHIHDR	Main Float	Piling	MF	P	H15	2 each	4	good	\$9,600	\$6,480	State		\$9,600	\$6,480	\$0	\$0	
WHIHDR	Main Float	Float Structure (Deck)	MF	P	H27	60 lin ft	4	good	\$39,600	\$26,730	State		\$39,600	\$26,730	\$0	\$0	
WHIHDR	Main Float	Pile Guides (Heavy Duty)	MF	P	H32B	2 each	4	good	\$1,000	\$675	State		\$1,000	\$675	\$0	\$0	
WHIHDR	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	
WHIHDR	Marginal Float	Piling	MG	X	H15	14 each	3	fair	\$21,000	\$9,450	State		\$21,000	\$9,450	\$10,500	\$18,165	
WHIHDR	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	
WHIHDR	Marginal Float	Float Structure (Deck)	MG	X	H27	171 lin ft	3	fair	\$41,553	\$18,699	State		\$41,553	\$18,699	\$20,777	\$35,843	
WHIHDR	Marginal Float	Pile Guides (Heavy Duty)	MG	X	H32B	2 each	2	poor	\$1,000	\$225	State		\$1,000	\$225	\$1,000	\$1,730	
WHIHDR	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	
WHIHDR	Marginal Float	Finger (or Stall) Floats	MG	X	H35	1 each	2	poor	\$1,944	\$437	State		\$1,944	\$437	\$1,044	\$3,383	
WHIHDR	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	
WHIHDR	Marginal Float	Finger (or Stall) Floats	MG	X	H35	9 each	4	good	\$17,408	\$11,810	State		\$17,498	\$11,810	\$0	\$0	
WHIHDR	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	
WHIHDR	Marginal Float	Utility System -Other(see comments)	MG	X	H83	1 other	4	good	\$0	\$0	State		\$0	\$0	\$0	\$0	
WHIHDR	Marginal Float	Fire - Hydrant System (floats)	MG	X	H93A	1 each	4	good	\$0	\$0	State		\$0	\$0	\$0	\$0	
WHIHDR	Marginal Float	Fire Protection - Extinguishers	MG	X	H94	1 each	4	good	\$500	\$338	State		\$500	\$338	\$0	\$0	
WHIHDR	Marginal Float	Fire Protection - Extinguishers	MG	X	H94	1 each	3	fair	\$500	\$225	State		\$500	\$225	\$250	\$433	
WHIHDR	Marginal Float	Fire Protection - Other (see comm.)	MG	X	H97	1	4	good	\$0	\$0	State		\$0	\$0	\$0	\$0	
WHIHDR	Marginal Fl. at	Component - Other (see comments)	MG	X	H99	1 each	3	fair	\$0	\$0	State		\$0	\$0	\$0	\$0	
WHIHDR	Marginal Float	Float Structure (Deck)	MG	Y	H27	73 lin ft	4	good	\$17,739	\$11,974	State		\$17,739	\$11,974	\$0	\$0	
WHIHDR	Marginal Float	Pile Guides (Heavy Duty)	MG	Y	H32B	2 each	4	good	\$1,000	\$675	State		\$1,000	\$675	\$0	\$0	
WHIHDR	Marginal Float	Piling	MG	Z	H15	10 each	3	fair	\$15,000	\$8,750	State		\$15,000	\$8,750	\$7,500	\$12,975	
WHIHDR	Marginal Float	Float Structure (Deck)	MG	Z	H27	112 lin ft	2	poor	\$27,218	\$8,124	State		\$27,218	\$8,124	\$27,218	\$47,084	
WHIHDR	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	
WHIHDR	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	
WHIHDR	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	
WHIHDR	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	
WHIHDR	Marginal Float	Utilities-Light Distribution System	MG	Z	H77	1 each	4	good	\$25,920	\$17,498	State		\$25,920	\$17,498	\$0	\$0	
WHIHDR	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	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	
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	\$875	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	\$320,005	
WHIHBR	Upland Facilities	Fuel Tanks - Above Ground	UF	H40	48000	gal	3	fair	\$192,000	\$86,400	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Fuel Tanks - Other (see comments)	UF	H42	2	olher	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0	
WHIHBR	Upland Facilities	Fuel Tanks - Other (see comments)	UF	H42	1	olher	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	Desc	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	olher	4	good	0	\$0	State	\$0	\$0	\$0	\$0	
WHIDCK	Dock (Pier)	Piling	DP O	H15	16	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
Dave C. Cobb, Mayor

ATTEST:

Sheri L. Pierce Deputy
Sheri L. Pierce, GMC/AEE



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. Approximately 0% of 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

Comm unity	Feature	Item	Feet Ext	Quant ty	Unit	Co nd tio n	Con d 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	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	\$2,835	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	\$13,608	\$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	AG	Ext	Quant	Unit	Con di tio n	Cond Orig [date]	Desc.	Estimated Replacement Cost	In-Place Value	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	\$34,580	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	Original Date	Desc.	Estimated Replacement Cost	In-Place Value	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)	Locallon 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	\$6,048	State	\$8,980	\$6,048	\$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	\$5,670	State	\$8,400	\$5,670	\$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		36 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	\$4,666	State	\$20,736	\$4,666	\$20,736	\$35,873

Schedule of Cost

Comm unity	Feature	Item	MF	Ext	Quant	Unit	Co ndi to in	Con d 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	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	\$5,190
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	poor	\$ 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	\$ 8,000	\$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	\$55,689
Valdez	Main Float	Utilities - Power System (floats)	MF	C	1	each	2	Fair	poor	\$ 16,000	\$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	failed	\$ -	\$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	\$81,094
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	\$38,198
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	\$ 8,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,190
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

Comm unity	Feature	Item	Fee Ext	Quan tity	Unit	Co ndi tion	Con d 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	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	\$ 83,750	\$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	\$360	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	\$38,190
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	\$8,000	\$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	8 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	Foot Ext	Quantity	Unit	Conditio	Cond Orig	Desc	Estimated Replacement Cost	In-Place Value	Owner	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	\$ 8,500	\$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

City	Community	Feature	Item	Ext	Quantity	Unit	Condition	Original Date	Desc	Estimated Replacement Cost	In-Place Value	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	\$17,498 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	\$16,639
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	\$2,768
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	MG	2E	Unit	Q	Con	nd	Orig	Date	Desc	Estimated Replacement Cost	In-Place Value	State Other	Owner: 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	\$0	\$0	\$0	\$0
												\$ 5,631,525	\$2,970,161	\$0	\$2,424,925	\$853,012	\$1,741,805	\$3,013,323

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

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JUNEAU, ALASKA 99801-7898
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March 2, 1999

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

*Agreed to \$2.5 million
by 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.

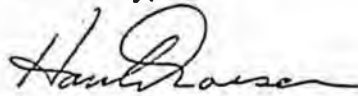
My observations follow:

- 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

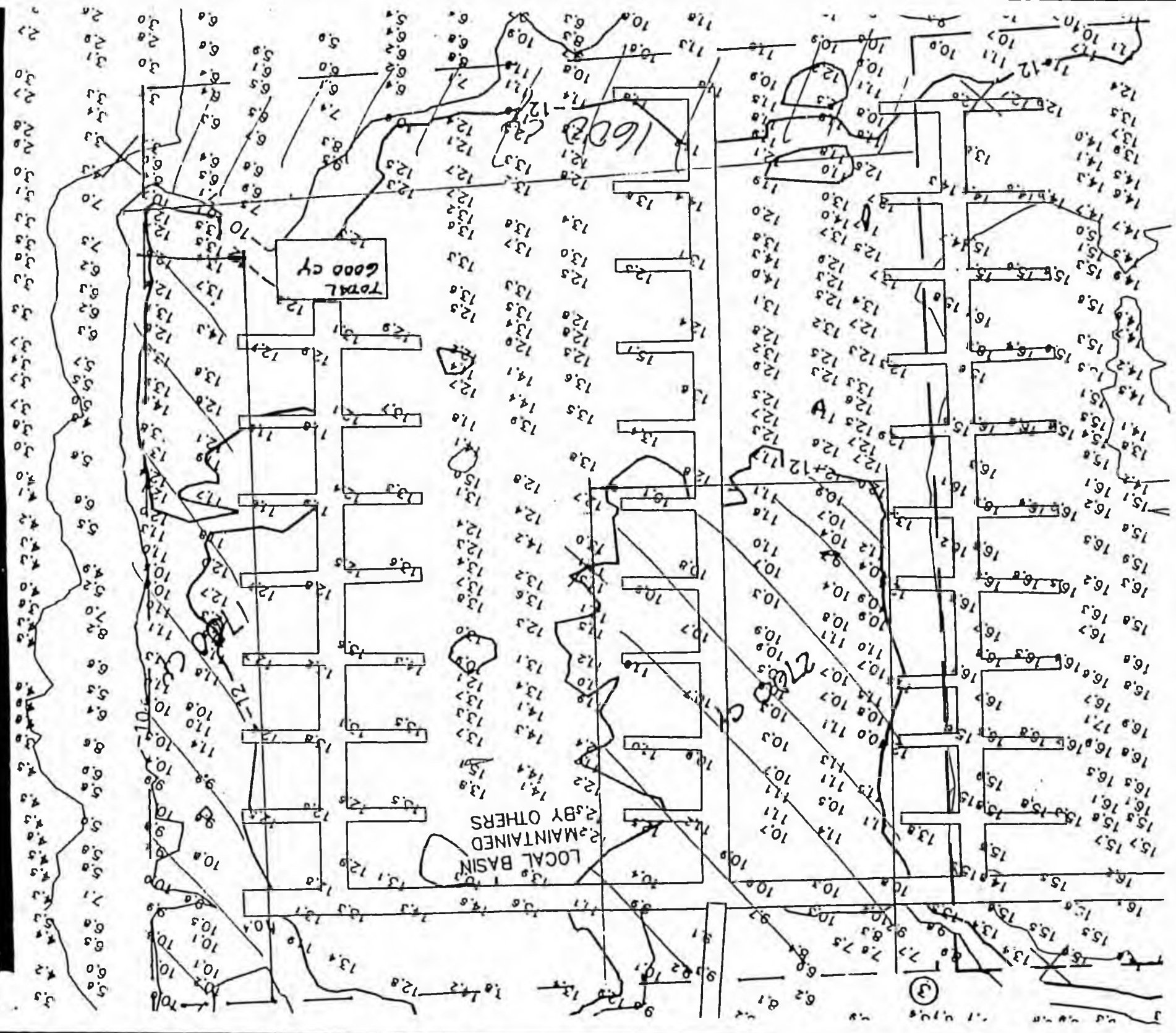
cc: Robert Norton, Chief Leasing and Property Management, Central Region, ADOT&PF

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.

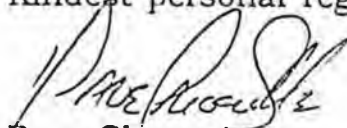
Following are comments on your survey of conditions at the Seldovia boat harbor, and the repair estimates. Attached to this letter is a summary from our Harbormaster, Susan Carlough.

- 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 dark ink, appearing to read "Dave Choquette", written in a cursive style.

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)

3/24/99

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							Owner		State				Only
			Feat Ext	Quant ity	Unit	Con ditio n	Desc	Estimated Replacement Cos'	In-Place Value	"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
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

Schedule of Costs

ID	Item	Mat	Feat Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
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 or Other"	State Only			
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
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

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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.

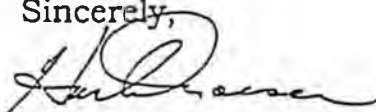
The City is not bound by these findings. The estimate provides a generous allowance for local decisions on the scope of repair and renovations or replacement in any of your harbors. The final scope of work would be a local decision to satisfy local priorities through appropriate public involvement.

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,

A handwritten signature in dark ink, appearing to read "Harold Moeser", written over a horizontal line.

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

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. 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 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.

ID	Item	AG	Feet	Quan	Unit	Cond	5/9	5/9	Desc	Estimated Replacement Cost	In-Place Value	Owner State or Other	State Only			
													Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
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 Ralling	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/Skid	AG	1	1	each	2	Fair	poor		\$3,000	\$675	State	\$3,000	\$675	\$3,000	\$5,208
PETMHB	Gangway Hinge (top)	AG	1	2	each	2	Good	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
PETMHB	Gangway Ralling	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	Goodpoor	\$500	\$113	State	\$500	\$113	\$500	\$868
PETMHB Piling	MF	3	6 each	2	Goodpoor	\$14,400	\$3,240	State	\$14,400	\$3,240	\$14,400	\$24,998
PETMHB Float Structure (Deck)	MF	3	150 lin ft	2	Goodpoor	\$75,000	\$16,875	State	\$75,000	\$16,875	\$75,000	\$130,200
PETMHB Pile Guides (Standard)	MF	3	6 each	2	Goodpoor	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,166
PETMHB Piling	MG	1	5 each	2	Goodpoor	\$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	Goodpoor	\$2,500	\$563	State	\$2,500	\$563	\$2,500	\$4,340
PETMHB Finger (or Stall) Floats	MG	1	6 each	2	Goodpoor	\$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	Goodpoor	\$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	Goodpoor	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Decking (for fixed structures)	AG	1	50 lin ft	3	Goodfair	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$13,020
PETNHB Railing	AG	1	80 lin ft	2	Goodpoor	\$2,000	\$450	State	\$2,000	\$450	\$2,000	\$3,472
PETNHB Abutment	AG	1	1 each	2	Goodpoor	\$5,000	\$1,125	State	\$5,000	\$1,125	\$5,000	\$8,680
PETNHB Piling	AG	1	18 each	3	Goodfair	\$43,200	\$19,440	State	\$43,200	\$19,440	\$21,600	\$37,498
PETNHB Cross Braces	AG	1	20 each	3	Goodfair	\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,472
PETNHB Support Structure	AG	1	1 each	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Deck/Skid	AG	1	1 each	3	Goodfair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,125
PETNHB Gangway Hinge (top)	AG	1	2 each	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Railing	AG	1	120 lin ft	2	Goodpoor	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Support Structure	AG	1	1 each	3	Goodfair	\$21,600	\$9,720	State	\$21,600	\$9,720	\$10,800	\$18,749
PETNHB Gangway Toe (bottom)	AG	1	1 each	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Utilities-Light Distribution System	AG	1	1 each	3	Goodfair	\$5,550	\$2,498	Other	\$0	\$0	\$0	\$0
PETNHB Utility System -Other(see comments)	AG	1	1 other	3	Goodfair	\$0	\$0	Other	\$0	\$0	\$0	\$0
PETNHB Decking (for fixed structures)	AG	2	51 lin ft	3	Goodfair	\$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	Goodfair	\$14,400	\$6,480	State	\$14,400	\$6,480	\$7,200	\$12,499
PETNHB Piling	AG	2	6 each	3	Goodfair	\$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	Goodfair	\$2,200	\$990	State	\$2,200	\$990	\$1,100	\$1,910
PETNHB Support Structure	AG	2	1 each	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Deck/Skid	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	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Railing	AG	2	100 lin ft	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Gangway Support Structure	AG	2	1 each	3	Goodfair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$15,624

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PETNHB Gangway Toe (bottom)	AG 2	1 each	3	Fair fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Ladders	G	6 each	3	Goodfair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,604
PETNHB Piling	G	21 each	3	Fair fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Top Beams	G	7 each	3	Fair fair	\$4,200	\$1,890	State	\$4,200	\$1,890	\$2,100	\$3,646
PETNHB Top Beams	G	15 each	3	Goodfair	\$9,000	\$4,050	State	\$9,000	\$4,050	\$4,500	\$7,812
PETNHB Bearing Piles	G	66 each	3	Goodfair	\$99,000	\$44,550	State	\$99,000	\$44,550	\$49,500	\$85,932
PETNHB Breasting Piles	G	12 each	3	Goodfair	\$24,000	\$10,800	State	\$24,000	\$10,800	\$12,000	\$20,832
PETNHB Catwalks	G	1 each	3	Goodfair	\$252,000	\$113,400	State	\$252,000	\$113,400	\$126,000	\$218,736
PETNHB Grid - other	G	1	3	Fair fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Component - Other (see comments)	G	13 each	3	Fair fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Component - Other (see comments)	G	1 each	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Piling	GF 1	1 each	2	Poorpoor	\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,125
PETNHB Float Structure (Deck)	GF 1	37 lin ft	2	Poorpoor	\$17,760	\$3,996	State	\$17,760	\$3,996	\$17,760	\$30,831
PETNHB Float Hinges (Standard)	GF 1	2 each	2	Poorpoor	\$800	\$180	State	\$800	\$180	\$800	\$1,389
PETNHB Utilities - Power System (floats)	GF 1	1 each	2	Goodpoor	\$0	\$0	Other	\$0	\$0	\$0	\$0
PETNHB Utility System -Other(see comments)	GF 1	1 other	2	Goodpoor	\$0	\$0	Other	\$0	\$0	\$0	\$0
PETNHB Piling	LR	18 each	3	Goodfair	\$27,000	\$12,150	State	\$27,000	\$12,150	\$13,500	\$23,436
PETNHB Cross Braces	LR	5 each	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Ramp Length	LR	50 lin ft	2	Poorpoor	\$14,000	\$3,150	State	\$14,000	\$3,150	\$14,000	\$24,304
PETNHB Ramp Length	LR	150 lin ft	5	New new	\$48,000	\$43,200	State	\$48,000	\$43,200	\$0	\$0
PETNHB Retaining Walls	MB	72 lin ft	5	New new	\$64,800	\$58,320	State	\$64,800	\$58,320	\$0	\$0
PETNHB Piling	MF 1	6 each	3	Goodfair	\$14,400	\$6,480	State	\$14,400	\$6,480	\$7,200	\$12,499
PETNHB Float Structure (Deck)	MF 1	237 lin ft	3	Goodfair	\$59,250	\$26,663	State	\$59,250	\$26,663	\$29,625	\$51,429
PETNHB Float Hinges (Standard)	MF 1	2 each	3	Goodfair	\$800	\$360	State	\$800	\$360	\$400	\$694
PETNHB Pile Guides (Standard)	MF 1	6 each	3	Fair fair	\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,083
PETNHB Finger (or Stall) Floats	MF 1	8 each	3	Fair fair	\$23,552	\$10,598	State	\$23,552	\$10,598	\$11,776	\$20,443
PETNHB Finger Float Hinges (Standard)	MF 1	2 each	3	Fair fair	\$600	\$270	State	\$600	\$270	\$300	\$521
PETNHB Finger Float Hinges (Standard)	MF 1	14 each	3	Goodfair	\$4,200	\$1,390	State	\$4,200	\$1,890	\$2,100	\$3,646
PETNHB Utilities-Light Distribution System	MF 1	1 each	3	Goodfair	\$16,970	\$7,637	Other	\$0	\$0	\$0	\$0
PETNHB Utilities - Power System (floats)	MF 1	1 each	3	Goodfair	\$8,000	\$3,600	Other	\$0	\$0	\$0	\$0
PETNHB Piling	MF 2	31 each	3	Goodfair	\$55,800	\$25,110	State	\$55,800	\$25,110	\$27,900	\$48,434
PETNHB Piling	MF 2	10 each	3	Goodfair	\$27,000	\$12,150	State	\$27,000	\$12,150	\$13,500	\$23,436
PETNHB Float Structure (Deck)	MF 2	644 lin ft	3	Goodfair	\$154,560	\$69,552	State	\$154,560	\$69,552	\$77,280	\$134,158
PETNHB Float Hinges (Standard)	MF 2	2 each	2	Fair poor	\$800	\$180	State	\$800	\$180	\$800	\$1,389
PETNHB Pile Guides (Standard)	MF 2	7 each	3	Fair fair	\$2,800	\$1,260	State	\$2,800	\$1,260	\$1,400	\$2,430
PETNHB Pile Guides (Standard)	MF 2	36 each	3	Goodfair	\$14,400	\$6,480	State	\$14,400	\$6,480	\$7,200	\$12,499
PETNHB Finger (or Stall) Floats	MF 2	9 each	3	Fair fair	\$26,244	\$11,810	State	\$26,244	\$11,810	\$13,122	\$22,780
PETNHB Finger (or Stall) Floats	MF 2	18 each	3	Fair fair	\$69,984	\$31,493	State	\$69,984	\$31,493	\$34,992	\$60,746
PETNHB Finger (or Stall) Floats	MF 2	2 each	3	Fair fair	\$16,200	\$7,290	State	\$16,200	\$7,290	\$8,100	\$14,062
PETNHB Finger Float Hinges (Standard)	MF 2	58 each	2	Fair poor	\$17,400	\$3,915	State	\$17,400	\$3,915	\$17,400	\$30,206

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PETNHB Utilities-Light Distribution System	MF	2	1 each	3	Fair fair	\$46,580	\$20,961	Other	\$0	\$0	\$0	\$0
PETNHB Utilities - Power System (floats)	MF	2	1 each	2	Fair poor	\$29,000	\$6,525	Other	\$0	\$0	\$0	\$0
PETNHB Fire Protection - Extinguishers	MF	2	1 each	3	Goodfair	\$500	\$225	Other	\$0	\$0	\$0	\$0
PETNHB Piling	MF	3	9 each	2	Poorpoor	\$16,200	\$3,645	State	\$16,200	\$3,645	\$16,200	\$28,123
PETNHB Piling	MF	3	27 each	3	Goodfair	\$48,600	\$21,370	State	\$48,600	\$21,870	\$24,300	\$42,185
PETNHB Piling	MF	3	6 each	3	Goodfair	\$16,200	\$7,290	State	\$16,200	\$7,290	\$8,100	\$14,062
PETNHB Float Structure (Deck)	MF	3	775 lin ft	3	Fair fair	\$193,750	\$87,188	State	\$193,750	\$87,188	\$96,875	\$168,175
PETNHB Float Hinges (Standard)	MF	3	2 each	2	Fair poor	\$800	\$180	State	\$800	\$180	\$800	\$1,389
PETNHB Pile Guides (Standard)	MF	3	1 each	1	Fallefailed	\$400	\$0	State	\$400	\$0	\$400	\$694
PETNHB Pile Guides (Standard)	MF	3	41 each	3	Fair fair	\$16,400	\$7,380	State	\$16,400	\$7,380	\$8,200	\$14,235
PETNHB Finger (or Stall) Floats	MF	3	20 each	3	Fair fair	\$58,880	\$26,496	State	\$58,880	\$26,496	\$29,440	\$51,108
PETNHB Finger Float Hinges (Standard)	MF	3	40 each	2	Fair poor	\$12,000	\$2,700	State	\$12,000	\$2,700	\$12,000	\$20,832
PETNHB Utilities-Light Distribution System	MF	3	1 each	3	Goodfair	\$51,550	\$23,198	Other	\$0	\$0	\$0	\$0
PETNHB Utilities - Power System (floats)	MF	3	1 each	2	Goodpoor	\$20,000	\$4,500	Other	\$0	\$0	\$0	\$0
PETNHB Fire Protection - Extinguishers	MF	3	1 each	3	Goodfair	\$500	\$225	State	\$500	\$225	\$250	\$434
PETNHB Fire Protection - Other (see comm.)	MF	3	6	3	Fair fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Component - Other (see comments)	MF	3	1 each	3	Goodfair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETNHB Piling	MF	4	2 each	3	Goodfair	\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,166
PETNHB Float Structure (Deck)	MF	4	50 lin ft	3	Fair fair	\$12,500	\$5,625	State	\$12,500	\$5,625	\$6,250	\$10,850
PETNHB Pile Guides (Standard)	MF	4	2 each	3	Goodfair	\$800	\$360	State	\$800	\$360	\$400	\$694
PETNHB Mooring Dolphins	MF	5	2 each	3	Goodfair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$15,624
PETNHB Float Structure (Deck)	MF	5	110 lin ft	3	Goodfair	\$19,800	\$8,910	State	\$19,800	\$8,910	\$9,900	\$17,186
PETNHB Float Hinges (Stz)	MF	5	2 each	2	Poorpoor	\$800	\$180	State	\$800	\$180	\$800	\$1,389
PETNHB Piling	MF	6	11 each	3	Goodfair	\$19,800	\$8,910	State	\$19,800	\$8,910	\$9,900	\$17,186
PETNHB Float Structure (Deck)	MF	6	324 lin ft	3	Fair fair	\$48,600	\$21,870	State	\$48,600	\$21,870	\$24,300	\$42,185
PETNHB Pile Guides (Standard)	MF	6	11 each	3	Goodfair	\$4,400	\$1,980	State	\$4,400	\$1,980	\$2,200	\$3,819
PETNHB Utilities-Light Distribution System	MF	6	1 each	3	Goodfair	\$9,720	\$4,374	Other	\$0	\$0	\$0	\$0
PETNHB Piling	MG	1	6 each	3	Goodfair	\$10,800	\$4,860	State	\$10,800	\$4,860	\$5,400	\$9,374
PETNHB Float Structure (Deck)	MG	1	250 lin ft	3	Fair fair	\$57,500	\$25,875	State	\$57,500	\$25,875	\$28,750	\$49,910
PETNHB Pile Guides (Standard)	MG	1	6 each	3	Fair fair	\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,083
PETNHB Finger (or Stall) Floats	MG	1	11 each	3	Fair fair	\$15,180	\$6,831	State	\$15,180	\$6,831	\$7,590	\$13,176
PETNHB Utilities-Light Distribution System	MG	1	1 each	3	Fair fair	\$15,800	\$7,110	Other	\$0	\$0	\$0	\$0
PETNHB Utilities - Power System (floats)	MG	1	1 each	3	Fair fair	\$11,000	\$4,950	Other	\$0	\$0	\$0	\$0
PETNHB Fire Protection - Fire Pumps	MG	1	1 each	3	Goodfair	\$1,500	\$675	State	\$1,500	\$675	\$750	\$1,302
PETSHB Decking (for fixed structures)	AG	1	190 lin ft	4	Goodgood	\$95,000	\$64,125	State	\$95,000	\$64,125	\$0	\$0
PETSHB Railing	AG	1	340 lin ft	4	Goodgood	\$11,900	\$8,033	State	\$11,900	\$8,033	\$0	\$0
PETSHB Abutment	AG	1	1 each	4	Goodgood	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
PETSHB Piling	AG	1	30 each	4	Goodgood	\$90,000	\$60,750	State	\$90,000	\$60,750	\$0	\$0
PETSHB Support Structure	AG	1	1 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Gangway Deck/Skid	AG	1	1 each	4	Goodgood	\$4,875	\$3,291	State	\$4,875	\$3,291	\$0	\$0

PETSHB Gangway Hinge (top)	AG	1	2 each	3	Fair fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Gangway Railing	AG	1	130 lin ft	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Gangway Support Structure	AG	1	1 each	4	Goodgood	\$29,250	\$19,744	State	\$29,250	\$19,744	\$0	\$0
PETSHB Gangway Toe (bottom)	AG	1	1 each	3	Fair fair	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Utilities-Light Distribution System	AG	1	1 each	4	Goodgood	\$21,438	\$14,470	State	\$21,438	\$14,470	\$0	\$0
PETSHB Utilities - Water System (general)	AG	1	1 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Fire - Hydrant System (general)	AG	1	1 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Decking (for fixed structures)	AG	2	73 lin ft	4	Goodgood	\$25,550	\$17,246	State	\$25,550	\$17,246	\$0	\$0
PETSHB Railing	AG	2	152 lin ft	3	Fair fair	\$3,800	\$1,710	State	\$3,800	\$1,710	\$1,900	\$3,298
PETSHB Abutment	AG	2	1 each	4	Goodgood	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
PETSHB Piling	AG	2	1 each	4	Goodgood	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
PETSHB Piling	AG	2	6 each	4	Goodgood	\$22,500	\$15,188	State	\$22,500	\$15,188	\$0	\$0
PETSHB Support Structure	AG	2	1 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Gangway Deck/Skid	AG	2	1 each	4	Goodgood	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
PETSHB Gangway Hinge (top)	AG	2	2 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Gangway Railing	AG	2	120 lin ft	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Gangway Support Structure	AG	2	1 each	4	Goodgood	\$27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
PETSHB Decking (for fixed structures)	DP		120 lin ft	4	Goodgood	\$129,600	\$87,480	State	\$129,600	\$87,480	\$0	\$0
PETSHB Fendering System	DP		0 lin ft	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Ladders	DP		3 each	2	Poor poor	\$1,500	\$338	State	\$1,500	\$338	\$1,500	\$2,604
PETSHB Ladders	DP		1 each	3	Fair fair	\$500	\$225	State	\$500	\$225	\$250	\$434
PETSHB Ladders	DP		2 each	4	Goodgood	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
PETSHB Railing	DP		292 lin ft	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Other Safety Items (see comments)	DP		5 other	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Cargo Hoist	DP		2 each	4	Goodgood	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
PETSHB Piling	DP		32 each	4	Goodgood	\$134,400	\$90,720	State	\$134,400	\$90,720	\$0	\$0
PETSHB Utilities-Light Distribution System	DP		1 each	4	Goodgood	\$21,600	\$14,580	State	\$21,600	\$14,580	\$0	\$0
PETSHB Utilities - Power System (general)	DP		2 each	4	Goodgood	\$12,960	\$8,748	State	\$12,960	\$8,748	\$0	\$0
PETSHB Ladders	G		4 each	4	Goodgood	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
PETSHB Railing	G		12 lin ft	1	Falle failed	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Railing	G		50 lin ft	2	Poor poor	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Railing	G		538 lin ft	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Piling	G		4 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Piling	G		4 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Cross Braces	G		13 each	4	Goodgood	\$3,900	\$2,633	State	\$3,900	\$2,633	\$0	\$0
PETSHB Top Beams	G		26 each	4	Goodgood	\$26,000	\$17,550	State	\$26,000	\$17,550	\$0	\$0
PETSHB Bearing Piles	G		52 each	4	Goodgood	\$104,000	\$70,200	State	\$104,000	\$70,200	\$0	\$0
PETSHB Breasting Piles	G		26 each	3	Good fair	\$65,000	\$29,250	State	\$65,000	\$29,250	\$32,500	\$56,420
PETSHB Catwalks	G		1 each	3	Fair fair	\$27,000	\$12,150	State	\$27,000	\$12,150	\$13,500	\$23,436
PETSHB Catwalks	G		1 each	4	Goodgood	\$45,000	\$30,375	State	\$45,000	\$30,375	\$0	\$0

PETSHB Component - Other (see comments)	G	26	each	4	Good	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
PETSHB Component - Other (see comments)	G	400	each	4	Good	good	\$0	\$0	State	\$0	\$0	\$0	\$0	
PETSHB Float Structure (Deck)	GF	1	25	lin ft	4	Good	good	\$17,500	\$11,813	State	\$17,500	\$11,813	\$0	\$0
PETSHB Piling	LR		6	each	4	Good	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
PETSHB Float Hinges (Heavy Duty)	LR		10	each	2	Fair	poor	\$6,000	\$1,350	State	\$6,000	\$1,350	\$6,000	\$10,416
PETSHB Float Hinges (Heavy Duty)	LR		16	each	3	Good	fair	\$9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,333
PETSHB Pile Guides (Heavy Duty)	LR		6	each	3	Fair	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,604
PETSHB Ramp Length	LR		200	lin ft	4	Good	good	\$64,000	\$43,200	State	\$64,000	\$43,200	\$0	\$0
PETSHB Ramp Float	LR		260	each	4	Good	good	\$35,880	\$24,219	State	\$35,880	\$24,219	\$0	\$0
PETSHB Ramp Float	LR		22	each	4	Good	good	\$9,504	\$6,415	State	\$9,504	\$6,415	\$0	\$0
PETSHB Piling	MF	1	22	each	4	Good	good	\$52,800	\$35,640	State	\$52,800	\$35,640	\$0	\$0
PETSHB Float Structure (Deck)	MF	1	288	lin ft	4	Good	good	\$69,120	\$46,656	State	\$69,120	\$46,656	\$6,912	\$11,999
PETSHB Float Hinges (Heavy Duty)	MF	1	2	each	2	Good	poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETSHB Pile Guides (Heavy Duty)	MF	1	22	each	4	Good	good	\$11,000	\$7,425	State	\$11,000	\$7,425	\$0	\$0
PETSHB Finger (or Stall) Floats	MF	1	14	each	4	Good	good	\$43,092	\$29,087	State	\$43,092	\$29,087	\$4,309	\$7,481
PETSHB Finger Float Hinges (Standard)	MF	1	4	each	2	Poor	poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETSHB Finger Float Hinges (Heavy Duty)	MF	1	24	each	2	Fair	poor	\$14,400	\$3,240	State	\$14,400	\$3,240	\$14,400	\$24,998
PETSHB Utilities-Light Distribution System	MF	1	1	each	4	Good	good	\$19,500	\$13,163	State	\$19,500	\$13,163	\$0	\$0
PETSHB Utilities - Power System (floats)	MF	1	1	each	4	Good	good	\$14,000	\$9,450	State	\$14,000	\$9,450	\$0	\$0
PETSHB Fire - Hydrant System (floats)	MF	1	1	each	4	Good	good	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Fire Protection - Extinguishers	MF	1	1	each	4	Good	good	\$500	\$338	State	\$500	\$338	\$0	\$0
PETSHB Piling	MF	2	28	each	4	Good	good	\$67,200	\$45,360	State	\$67,200	\$45,360	\$0	\$0
PETSHB Float Structure (Deck)	MF	2	360	lin ft	4	Good	good	\$86,400	\$58,320	State	\$86,400	\$58,320	\$8,640	\$14,999
PETSHB Float Hinges (Heavy Duty)	MF	2	2	each	2	Good	poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETSHB Pile Guides (Heavy Duty)	MF	2	28	each	4	Good	good	\$14,000	\$9,450	State	\$14,000	\$9,450	\$0	\$0
PETSHB Finger (or Stall) Floats	MF	2	18	each	4	Good	good	\$58,320	\$39,366	State	\$58,320	\$39,366	\$5,832	\$10,124
PETSHB Finger Float Hinges (Standard)	MF	2	6	each	2	Poor	poor	\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,125
PETSHB Finger Float Hinges (Heavy Duty)	MF	2	30	each	2	Fair	poor	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$31,248
PETSHB Utilities-Light Distribution System	MF	2	1	each	4	Good	good	\$25,200	\$17,110	State	\$25,200	\$17,010	\$0	\$0
PETSHB Utilities - Power System (floats)	MF	2	1	each	4	Good	good	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
PETSHB Fire - Hydrant System (floats)	MF	2	1	each	4	Good	good	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Fire Protection - Extinguishers	MF	2	1	each	4	Good	good	\$500	\$338	State	\$500	\$338	\$0	\$0
PETSHB Piling	MF	3	34	each	4	Good	good	\$81,600	\$55,080	State	\$81,600	\$55,080	\$0	\$0
PETSHB Float Structure (Deck)	MF	3	469	lin ft	4	Good	good	\$140,700	\$94,973	State	\$140,700	\$94,973	\$14,070	\$24,426
PETSHB Float Hinges (Heavy Duty)	MF	3	2	each	2	Good	poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETSHB Pile Guides (Heavy Duty)	MF	3	34	each	4	Good	good	\$17,000	\$11,475	State	\$17,000	\$11,475	\$0	\$0
PETSHB Finger (or Stall) Floats	MF	3	4	each	3	Fair	fair	\$20,736	\$9,331	State	\$20,736	\$9,331	\$10,368	\$17,999
PETSHB Finger (or Stall) Floats	MF	3	12	each	4	Good	good	\$62,208	\$41,990	State	\$62,208	\$41,990	\$6,221	\$10,799
PETSHB Finger (or Stall) Floats	MF	3	2	each	3	Fair	fair	\$15,552	\$6,998	State	\$15,552	\$6,998	\$7,776	\$13,499
PETSHB Finger (or Stall) Floats	MF	3	2	each	4	Good	good	\$15,552	\$10,498	State	\$15,552	\$10,498	\$1,555	\$2,700

PETSHB Finger Float Hinges (Heavy Duty)	MF	3	12 each	2	Fair poor	\$7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,499
PETSHB Finger Float Hinges (Heavy Duty)	MF	3	28 each	2	Goodpoor	\$16,800	\$3,780	State	\$16,800	\$3,780	\$16,800	\$29,165
PETSHB Utilities-Light Distribution System	MF	3	1 each	4	Goodgood	\$44,570	\$30,085	State	\$44,570	\$30,085	\$0	\$0
PETSHB Utilities - Power System (floats)	MF	3	1 each	4	Goodgood	\$20,000	\$13,500	State	\$20,000	\$13,500	\$0	\$0
PETSHB Fire - Hydrant System (floats)	MF	3	2 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Fire Protection - Extinguishers	MF	3	1 each	4	Goodgood	\$500	\$338	State	\$500	\$338	\$0	\$0
PETSHB Piling	MF	4	20 each	4	Goodgood	\$48,000	\$32,400	State	\$48,000	\$32,400	\$0	\$0
PETSHB Piling	MF	4	16 each	4	Goodgood	\$57,600	\$38,880	State	\$57,600	\$38,880	\$0	\$0
PETSHB Piling	MF	4	8 each	4	Goodgood	\$38,400	\$25,920	State	\$38,400	\$25,920	\$0	\$0
PETSHB Float Structure (Deck)	MF	4	622 lin ft	4	Goodgood	\$223,920	\$151,146	State	\$223,920	\$151,146	\$22,392	\$38,873
PETSHB Float Hinges (Heavy Duty)	MF	4	2 each	2	Fair poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETSHB Pile Guides (Heavy Duty)	MF	4	36 each	4	Goodgood	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
PETSHB Finger (or Stall) Floats	MF	4	5 each	4	Goodgood	\$35,100	\$23,693	State	\$35,100	\$23,693	\$3,510	\$6,093
PETSHB Finger (or Stall) Floats	MF	4	13 each	4	Goodgood	\$108,810	\$73,447	State	\$108,810	\$73,447	\$10,881	\$18,889
PETSHB Finger Float Hinges (Heavy Duty)	MF	4	2 each	2	Poorpoor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,083
PETSHB Finger Float Hinges (Heavy Duty)	MF	4	4 each	2	Fair poor	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,166
PETSHB Finger Float Hinges (Heavy Duty)	MF	4	28 each	2	Goodpoor	\$16,800	\$3,780	State	\$16,800	\$3,780	\$16,800	\$29,165
PETSHB Utilities-Light Distribution System	MF	4	1 each	4	Goodgood	\$63,970	\$43,180	State	\$63,970	\$43,180	\$0	\$0
PETSHB Utilities - Power System (floats)	MF	4	1 each	4	Goodgood	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
PETSHB Fire - Hydrant System (floats)	MF	4	1 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Fire Protection - Extinguishers	MF	4	1 each	4	Goodgood	\$500	\$338	State	\$500	\$338	\$0	\$0
PETSHB Piling	MG	1	18 each	4	Goodgood	\$43,200	\$29,160	State	\$43,200	\$29,160	\$0	\$0
PETSHB Float Structure (Deck)	MG	1	972 lin ft	4	Goodgood	\$262,440	\$177,147	State	\$262,440	\$177,147	\$26,244	\$45,560
PETSHB Pile Guides (Heavy Duty)	MG	1	18 each	4	Goodgood	\$9,000	\$6,075	State	\$9,000	\$6,075	\$0	\$0
PETSHB Finger (or Stall) Floats	MG	1	38 each	4	Goodgood	\$61,560	\$41,553	State	\$61,560	\$41,553	\$0	\$0
PETSHB Utilities-Light Distribution System	MG	1	1 each	4	Goodgood	\$60,000	\$40,500	State	\$60,000	\$40,500	\$0	\$0
PETSHB Utilities - Power System (floats)	MG	1	1 each	4	Goodgood	\$38,000	\$25,650	State	\$38,000	\$25,650	\$0	\$0
PETSHB Utility System - Other(see comments)	MG	1	4 other	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Fire - Hydrant System (floats)	MG	1	1 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSHB Fire Protection - Extinguishers	MG	1	1 each	4	Goodgood	\$500	\$338	State	\$500	\$338	\$0	\$0
PETSHB Component - Other (see comments)	MG	1	1 each	4	Goodgood	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Abutment	AG		1 each	5	New new	\$5,000	\$4,500	State	\$5,000	\$4,500	\$0	\$0
PETSPF Gangway Deck/Skid	AG		1 each	5	New new	\$11,000	\$9,900	State	\$11,000	\$9,900	\$0	\$0
PETSPF Gangway Hinge (top)	AG		2 each	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Gangway Railing	AG		220 lin ft	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Gangway Support Structure	AG		1 each	5	New new	\$66,000	\$59,400	State	\$66,000	\$59,400	\$0	\$0
PETSPF Gangway Toe (bottom)	AG		1 each	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Piling	MF	1	2 each	5	New new	\$6,400	\$5,760	State	\$6,400	\$5,760	\$0	\$0
PETSPF Float Structure (Deck)	MF	1	32 lin ft	5	New new	\$16,000	\$14,400	State	\$16,000	\$14,400	\$0	\$0
PETSPF Float Hinges (Heavy Duty)	MF	1	2 each	5	New new	\$1,200	\$1,080	State	\$1,200	\$1,080	\$0	\$0

Prepared by:
Harold Moeser
3/3/99

PETSPF Pile Guides (Heavy Duty)	MF	1	2 each	5	New new	\$1,000	\$900	State	\$1,000	\$900	\$0	\$0
PETSPF Utilities-Light Distribution System	MF	1	1 each	5	New new	\$3,200	\$2,880	State	\$3,200	\$2,880	\$0	\$0
PETSPF Piling	MF	2	6 each	5	New new	\$19,200	\$17,280	State	\$19,200	\$17,280	\$0	\$0
PETSPF Float Structure (Deck)	MF	2	156 lin ft	5	New new	\$78,000	\$70,200	State	\$78,000	\$70,200	\$0	\$0
PETSPF Float Hinges (Heavy Duty)	MF	2	2 each	5	New new	\$1,200	\$1,080	State	\$1,200	\$1,080	\$0	\$0
PETSPF Pile Guides (Heavy Duty)	MF	2	6 each	5	New new	\$3,000	\$2,700	State	\$3,000	\$2,700	\$0	\$0
PETSPF Utilities-Light Distribution System	MF	2	1 each	5	New new	\$15,600	\$14,040	State	\$15,600	\$14,040	\$0	\$0
PETSPF Fire Protection - Extinguishers	MF	2	3 each	5	New new	\$1,500	\$1,350	State	\$1,500	\$1,350	\$0	\$0
PETSPF Component - Other (see comments)	MF	2	1 each	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Piling	MF	3	4 each	5	New new	\$12,800	\$11,520	State	\$12,800	\$11,520	\$0	\$0
PETSPF Float Structure (Deck)	MF	3	200 lin ft	5	New new	\$50,000	\$45,000	State	\$50,000	\$45,000	\$0	\$0
PETSPF Float Hinges (Heavy Duty)	MF	3	2 each	5	New new	\$1,200	\$1,080	State	\$1,200	\$1,080	\$0	\$0
PETSPF Pile Guides (Heavy Duty)	MF	3	4 each	5	New new	\$2,000	\$1,800	State	\$2,000	\$1,800	\$0	\$0
PETSPF Utilities-Light Distribution System	MF	3	1 each	5	New new	\$10,000	\$9,000	State	\$10,000	\$9,000	\$0	\$0
PETSPF Utilities - Power System (floats)	MF	3	1 each	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Fire - Hydrant System (floats)	MF	3	1 each	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Piling	MG		9 each	5	New new	\$28,800	\$25,920	State	\$28,800	\$25,920	\$0	\$0
PETSPF Float Structure (Deck)	MG		180 lin ft	5	New new	\$82,800	\$74,520	State	\$82,800	\$74,520	\$0	\$0
PETSPF Pile Guides (Heavy Duty)	MG		9 each	5	New new	\$4,500	\$4,050	State	\$4,500	\$4,050	\$0	\$0
PETSPF Utilities-Light Distribution System	MG		1 each	5	New new	\$18,000	\$16,200	State	\$18,000	\$16,200	\$0	\$0
PETSPF Utilities - Power System (floats)	MG		1 each	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Piling	SP	1	7 each	5	New new	\$22,400	\$20,160	State	\$22,400	\$20,160	\$0	\$0
PETSPF Float Structure (Deck)	SP	1	185 lin ft	5	New new	\$203,500	\$183,150	State	\$203,500	\$183,150	\$0	\$0
PETSPF Float Hinges (Heavy Duty)	SP	1	2 each	5	New new	\$1,200	\$1,080	State	\$1,200	\$1,080	\$0	\$0
PETSPF Pile Guides (Heavy Duty)	SP	1	1 each	5	New new	\$500	\$450	State	\$500	\$450	\$0	\$0
PETSPF Utilities-Light Distribution System	SP	1	1 each	5	New new	\$40,700	\$36,630	State	\$40,700	\$36,630	\$0	\$0
PETSPF Fire Protection - Extinguishers	SP	1	3 each	5	New new	\$1,500	\$1,350	State	\$1,500	\$1,350	\$0	\$0
PETSPF Component - Other (see comments)	SP	1	1 each	5	New new	\$0	\$0	State	\$0	\$0	\$0	\$0
PETSPF Facilities - Parking (by stall)	UF		8 stalls	4	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
						\$6,790,793	\$3,842,878		\$6,432,723	\$3,722,890	\$1,896,861	\$3,292,951

Middle Harbor	\$913,286	\$224,592	\$769,886	\$190,180	\$732,206	\$1,271,110
North Harbor	\$2,016,500	\$926,874	\$1,801,830	\$841,298	\$889,395	\$1,543,990
South Harbor	\$3,152,807	\$2,054,032	\$3,152,807	\$2,054,032	\$275,260	\$477,852
Seaplane Float	\$708,200	\$637,380	\$708,200	\$637,380	\$0	\$0
	\$6,790,793	\$3,842,878	\$6,432,723	\$3,722,890	\$1,896,861	\$3,292,951

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN and ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

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JUNEAU, ALASKA 99801-7898
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December 15, 1999

Joe Graham, Director
Docks and Harbors
City and Borough of Juneau
155 S. Seward Street
Juneau, AK 99801

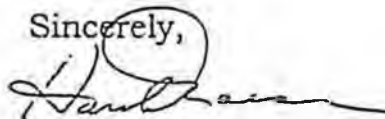
Dear Mr. Graham:

We have had several discussions over the last several years about the possibility of CBJ taking over ownership of the state owned harbors in the borough. We updated our condition surveys based on our discussions and your areas of concern. After taking into consideration those issues and the overall condition of all state owned facilities in Juneau, I have enclosed the estimate of \$6,333.7 (thousands) to bring state owned facilities up to good condition.

The Department believes this is a fair and reasonable estimate to address deferred maintenance and bring state owned facilities to a condition suitable for transfer to the City. The Department is preparing these estimates for deferred maintenance projects and transfer should the Legislature chooses to appropriate funds for that purpose.

If you have any questions please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosures (1)

cc: Robert Martin, Regional Director
Michael Downing, P.E., Statewide Design and Engineering Services Director

Summary Information

Introduction:

The Juneau Harbor includes the facilities in Aurora, Auke Bay, Harris, Douglas Harbors which are owned by the State and operated by the City and Borough of Juneau. Taku Harbor is also include in the Juneau Harbor System because it resides within the City and Borough boundaries. The downtown transient float and other locally owned public docks and floats are not include in the inventory and survey reports.

Scope of surveys:

The Department of Transportation and Public Facilities completed a comprehensive survey and inventory of all State owned harbor facilities in Alaska in 1992. The Juneau Harbor was revisited in March 1996 and the survey information was updated at that time. Taku Harbor was visited in June 1998 and the survey data was updated at that time. This information was reviewed in July 1998 with the Juneau Harbormaster. All available information 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 estimates of proposed state action include and allowance for price adjustment to the year 2000, design, engineering and constnution administration services, an allowance demolition and disposal, mobilization, and a contingency for identified work items, and temporary relocation of vessels and utilities. The conditions found, the proposed state action, and the estimate to bring the State owned 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 Juneau Harbor.	\$	17,648,626
In-place Value of all features (State and Local) at current conditions.	\$	10,292,950
Inventoried Replacement Value of State Facilities and Features.	\$	11,777,536
In-place Value of State facilities and features.	\$	6,337,999
Cost Estimate to fund proposed State action.	\$	6,337,183

Summary of Proposed State action by harbor

Amount by Harbor

Subtotal Auke Bay Harbor	\$	492,325 ✓
Subtotal Aurora Harbor	\$	1,844,468
Subtotal Douglas Dock	\$	518,757 ✓
Subtotal Douglas Harbor	\$	722,664 ✓
Subtotal Harris Harbor	\$	2,720,404
Subtotal Seaplane Float in Harris Harbor	\$	-
Subtotal Taku Harbor	\$	38,566
Juneau Borough Area Total	\$	6,337,183

Recommendation:

The recommended appropriation request (in thousands) is:

Juneau Area Harbor Transfers \$ 6,337.2

Acceptance by the City and Borough of Juneau: (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 good 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 new or nearly 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	Recommended Action
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 2001 cost estimate

Factor	Adjustment	Description
Inflation	14.3%	1.5% to 2001 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 Costs

ID	Item	AG	Feet Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State		Maintenance and Repair Cost	Proposed State Action
											Estimated Replacement Value	In-Place Value		
JUNABH	Decking (for fixed struct	AG 1		34	lin ft	4	good	\$10,200	\$6,885	State	\$10,200	\$6,885	\$0	\$0
JUNABH	Railing	AG 1		68	lin ft	4	good	\$1,700	\$1,148	State	\$1,700	\$1,148	\$0	\$0
JUNABH	Abutment	AG 1		1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
JUNABH	Piling	AG 1		2	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
JUNABH	Support Structure	AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Gangway Deck/Skid	AG 1		1	each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
JUNABH	Gangway Hinge (top)	AG 1		2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Gangway Railing	AG 1		192	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Gangway Support Struc	AG 1		1	each	4	good	\$57,600	\$38,880	State	\$57,600	\$38,880	\$0	\$0
JUNABH	Gangway Toe (bottom)	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Utilities-Light Distribution	AG 1		1	each	4	good	\$6,840	\$4,617	State	\$6,840	\$4,617	\$0	\$0
JUNABH	Decking (for fixed struct	AG 2		52	lin ft	3	fair	\$12,480	\$5,616	State	\$12,480	\$5,616	\$6,240	\$10,939
JUNABH	Abutment	AG 2		1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,383
JUNABH	Piling	AG 2		6	each	3	fair	\$14,400	\$6,480	State	\$14,400	\$6,480	\$7,200	\$12,622
JUNABH	Cross Braces	AG 2		8	each	3	fair	\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,402
JUNABH	Support Structure	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Gangway Deck/Skid	AG 2		1	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,630
JUNABH	Gangway Hinge (top)	AG 2		2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Gangway Railing	AG 2		100	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Gangway Railing	AG 2		200	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Gangway Support Struc	AG 2		1	each	3	fair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$15,777
JUNABH	Gangway Toe (bottom)	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Utilities-Light Distribution	AG 2		1	each	3	fair	\$4,620	\$2,079	State	\$4,620	\$2,079	\$2,310	\$4,049
JUNABH	Utilities - Power System	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Utilities - Power System	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Utilities - Water System	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Component - Other (see	AG 2		6	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Navigation Aids-lights	BW		5	each	4	good	\$5,000	\$3,375	Other	\$0	\$0	\$0	\$0
JUNABH	Floating	BW		966	lin ft	4	good	\$1,932,000	\$1,304,100	State	\$1,932,000	\$1,304,100	\$0	\$0
JUNABH	Float Structure (Deck)	BW		50	lin ft	3	fair	\$25,000	\$11,250	State	\$25,000	\$11,250	\$12,500	\$21,913
JUNABH	Float Hinges (Heavy Du	BW		1	each	3	fair	\$600	\$270	State	\$600	\$270	\$300	\$526
JUNABH	Anchor System, Floats			1	each	3	fair	\$331,000	\$148,950	State	\$331,000	\$148,950	\$165,500	\$290,122
JUNABH	Ladders	G		1	each	2	poor	\$500	\$113	State	\$500	\$113	\$500	\$877
JUNABH	Ladders	G		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNABH	Railing	G		13	lin ft	1	failed	\$325	\$0	State	\$325	\$0	\$325	\$570
JUNABH	Railing	G		35	lin ft	2	poor	\$875	\$197	State	\$875	\$197	\$875	\$1,534
JUNABH	Railing	G		50	lin ft	3	fair	\$1,250	\$563	State	\$1,250	\$563	\$625	\$1,096
JUNABH	Railing	G		60	lin ft	4	good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
JUNABH	Abutment	G		1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
JUNABH	Piling	G		2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0

Module of Costs

ID	Item	Feat Ext	Quantity	Unit	Cond	Desc.	Estimated Replacement Cost	In-Place Value	Owner State or Other	State Only			
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNABH	Top Beams	G	8	each	3	fair	\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,207
JUNABH	Bearing Piles	G	24	each	4	good	\$36,000	\$24,300	State	\$36,000	\$24,300	\$0	\$0
JUNABH	Breasting Piles	G	7	each	3	fair	\$14,000	\$6,300	State	\$14,000	\$6,300	\$7,000	\$12,271
JUNABH	Catwalks	G	1	each	4	good	\$10,080	\$6,804	State	\$10,080	\$6,804	\$0	\$0
JUNABH	Component - Other (see G		56	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Component - Other (see G		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Piling	LR	4	each	4	good	\$8,000	\$5,400	State	\$8,000	\$5,400	\$0	\$0
JUNABH	Float Hinges (Standard)	LR	30	each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
JUNABH	Pile Guides (Standard)	LR	4	each	4	good	\$1,600	\$1,080	State	\$1,600	\$1,080	\$0	\$0
JUNABH	Ramp Length	LR	25	lin ft	2	poor	\$8,000	\$1,800	State	\$8,000	\$1,800	\$8,000	\$14,024
JUNABH	Ramp Length	LR	34	lin ft	3	fair	\$10,880	\$4,896	State	\$10,880	\$4,896	\$5,440	\$9,536
JUNABH	Ramp Length	LR	146	lin ft	4	good	\$46,720	\$31,536	State	\$46,720	\$31,536	\$0	\$0
JUNABH	Ramp Float	LR	220	each	4	good	\$10,480	\$27,324	State	\$40,480	\$27,324	\$0	\$0
JUNABH	Utilities-Light Distribution	LR	1	each	4	good	\$8,800	\$5,940	State	\$8,800	\$5,940	\$0	\$0
JUNABH	Float Structure (Deck)	MF A	10	lin ft	2	poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,311
JUNABH	Float Structure (Deck)	MF A	457	lin ft	4	good	\$164,520	\$111,051	State	\$164,520	\$111,051	\$0	\$0
JUNABH	Float Hinges (Heavy Du	MF A	1	each	3	fair	\$600	\$270	State	\$600	\$270	\$300	\$526
JUNABH	Finger (or Stall) Floats	MF A	4	each	4	good	\$105,408	\$71,150	State	\$105,408	\$71,150	\$0	\$0
JUNABH	Finger Float Hinges (He	MF A	8	each	4	good	\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0
JUNABH	Utilities-Light Distribution	MF A	1	each	4	good	\$47,540	\$32,090	State	\$47,540	\$32,090	\$0	\$0
JUNABH	Utilities - Water System	MF A	1	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNABH	Fire Protection - Extingu	MF A	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNABH	Component - Other (see	MF A	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Float Structure (Deck)	MF B	789	lin ft	4	good	\$284,040	\$191,727	State	\$284,040	\$191,727	\$0	\$0
JUNABH	Float Hinges (Heavy Du	MF B	1	each	4	good	\$600	\$405	State	\$600	\$405	\$0	\$0
JUNABH	Finger (or Stall) Floats	MF B	12	each	4	good	\$316,224	\$213,451	State	\$316,224	\$213,451	\$0	\$0
JUNABH	Utilities-Light Distribution	MF B	1	each	4	good	\$105,900	\$71,483	State	\$105,900	\$71,483	\$0	\$0
JUNABH	Utilities - Power System	MF B	1	each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
JUNABH	Utilities - Water System	MF B	1	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
JUNABH	Fire Protection - Extingu	MF B	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNABH	Component - Other (see	MF B	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Piling	MF C	2	each	2	poor	\$6,000	\$1,350	State	\$6,000	\$1,350	\$6,000	\$10,518
JUNABH	Float Structure (Deck)	MF C	92	lin ft	4	good	\$33,120	\$22,356	State	\$33,120	\$22,356	\$0	\$0
JUNABH	Pile Guides (Heavy Duty	MF C	1	each	1	failed	\$500	\$0	State	\$500	\$0	\$500	\$877
JUNABH	Pile Guides (Heavy Duty	MF C	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNABH	Utilities-Light Distribution	MF C	1	each	4	good	\$5,520	\$3,726	State	\$5,520	\$3,726	\$0	\$0
JUNABH	Piling	MF D	2	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
JUNABH	Piling	MF D	2	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
JUNABH	Float Structure (Deck)	MF D	96	lin ft	3	fair	\$38,400	\$17,280	State	\$38,400	\$17,280	\$19,200	\$33,658
JUNABH	Float Hinges (Standard)	MF D	1	each	3	fair	\$400	\$180	State	\$400	\$180	\$200	\$351

chedule of Costs

ID	Item	Mat	Feet Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNABH	Pile Guides (Standard)	MF D		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNABH	Pile Guides (Standard)	MF D		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNABH	Utilities-Light Distribution	MF D		1	each	3	fair	\$7,680	\$3,456	State	\$7,680	\$3,456	\$3,840	\$6,772
JUNABH	Utilities - Power System	MF D		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Fire Protection - Extingu	MF D		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNABH	Piling	MF E		5	each	3	fair	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$13,148
JUNABH	Float Structure (Deck)	MF E		150	lin ft	4	good	\$37,500	\$25,313	State	\$37,500	\$25,313	\$0	\$0
JUNABH	Float Hinges (Standard)	MF E		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNABH	Pile Guides (Standard)	MF E		5	each	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
JUNABH	Utilities-Light Distribution	MF E		1	each	4	good	\$7,500	\$5,063	State	\$7,500	\$5,063	\$0	\$0
JUNABH	Utilities - Power System	MF E		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Piling	MG 1		1	each	4	good	\$4,200	\$2,835	State	\$4,200	\$2,835	\$0	\$0
JUNABH	Float Structure (Deck)	MG 1		8	lin ft	2	poor	\$2,592	\$583	State	\$2,592	\$583	\$2,592	\$4,544
JUNABH	Float Structure (Deck)	MG 1		1074	lin ft	4	good	\$347,976	\$234,884	State	\$347,976	\$234,884	\$0	\$0
JUNABH	Float Hinges (Heavy Du	MG 1		1	each	2	poor	\$600	\$135	State	\$600	\$135	\$600	\$1,052
JUNABH	Pile Guides (Heavy Duty	MG 1		2	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
JUNABH	Utilities-Light Distribution	MG 1		1	each	4	good	\$64,920	\$43,821	State	\$64,920	\$43,821	\$0	\$0
JUNABH	Utilities - Power System	MG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Utilities - Water System	MG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Fire Protection - Extingu	MG 1		1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNABH	Component - Other (see	MG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNABH	Component - Other (see	MG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Decking (for fixed struct	AG 1		136	lin ft	4	good	\$54,400	\$36,720	State	\$54,400	\$36,720	\$0	\$0
JUNAUR	Railing	AG 1		272	lin ft	4	good	\$6,800	\$4,590	State	\$6,800	\$4,590	\$0	\$0
JUNAUR	Abutment	AG 1		1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
JUNAUR	Piling	AG 1		28	each	4	good	\$67,200	\$45,360	State	\$67,200	\$45,360	\$0	\$0
JUNAUR	Cross Braces	AG 1		1	each	1	failed	\$200	\$0	State	\$200	\$0	\$200	\$351
JUNAUR	Cross Braces	AG 1		1	each	2	poor	\$200	\$45	State	\$200	\$45	\$200	\$351
JUNAUR	Cross Braces	AG 1		12	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
JUNAUR	Support Structure	AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Gangway Deck/Skid	AG 1		2	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
JUNAUR	Gangway Hinge (top)	AG 1		4	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Gangway Railing	AG 1		200	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Gangway Support Struc	AG 1		2	each	4	good	\$36,000	\$24,300	State	\$36,000	\$24,300	\$0	\$0
JUNAUR	Gangway Toe (bottom)	AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Utilities-Light Distribution	AG 1		1	each	4	good	\$16,600	\$11,205	State	\$16,600	\$11,205	\$0	\$0
JUNAUR	Utilities - Power System	AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Utility System - Other(se	AG 1		1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Component - Other (see	AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAUR	Component - Other (see	AG 1		1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0

Module of Costs

ID	Item	AG	Feet Ext	Quantity	Unit	Cond	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	Estimated Replacement Value	State Only			Proposed State Action
												In-Place Value	Maintenance and Repair Cost		
JUNAU	Decking (for fixed struct	AG 2		32	lin ft	3	fair	\$7,680	\$3,456	State	\$7,680	\$3,456	\$3,840		\$6,732
JUNAU	Railing	AG 2		64	lin ft	3	fair	\$1,600	\$720	State	\$1,600	\$720	\$800		\$1,402
JUNAU	Abutment	AG 2		1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500		\$4,383
JUNAU	Piling	AG 2		6	each	3	fair	\$14,400	\$6,480	State	\$14,400	\$6,480	\$7,200		\$12,622
JUNAU	Cross Braces	AG 2		8	each	3	fair	\$1,600	\$720	State	\$1,600	\$720	\$800		\$1,402
JUNAU	Support Structure	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Deck/Skid	AG 2		1	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500		\$2,330
JUNAU	Gangway Hinge (top)	AG 2		2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Railing	AG 2		100	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Support Structure	AG 2		1	each	3	fair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000		\$15,777
JUNAU	Gangway Toe (bottom)	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Facilities - Restrooms	AG 2		1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0		\$0
JUNAU	Utilities-Light Distribution	AG 2		1	each	4	good	\$3,420	\$2,309	State	\$3,420	\$2,309	\$0		\$0
JUNAU	Utilities - Power System	AG 2		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Utility System -Other(se	AG 2		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Utility System -Other(se	AG 2		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Disposal - Solid Waste	CAG 2		50	cu ft	4	good	\$0	\$338	Other	\$0	\$0	\$0		\$0
JUNAU	Decking (for fixed struct	AG 3		68	lin ft	3	fair	\$8,160	\$3,672	State	\$8,160	\$3,672	\$4,080		\$7,152
JUNAU	Railing	AG 3		136	lin ft	3	fair	\$3,400	\$1,530	State	\$3,400	\$1,530	\$1,700		\$2,980
JUNAU	Abutment	AG 3		1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500		\$4,303
JUNAU	Piling	AG 3		8	each	3	fair	\$19,200	\$8,640	State	\$19,200	\$8,640	\$9,600		\$16,829
JUNAU	Cross Braces	AG 3		16	each	3	fair	\$3,200	\$1,440	State	\$3,200	\$1,440	\$1,600		\$2,805
JUNAU	Support Structure	AG 3		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Deck/Skid	AG 3		1	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500		\$2,630
JUNAU	Gangway Hinge (top)	AG 3		2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Railing	AG 3		100	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Support Structure	AG 3		1	each	4	good	\$18,000	\$12,150	State	\$19,000	\$12,150	\$0		\$0
JUNAU	Gangway Toe (bottom)	AG 3		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Utilities - Power System	AG 3		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Utility System -Other(se	AG 3		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Decking (for fixed struct	AG 4		86	lin ft	3	fair	\$20,640	\$9,288	State	\$20,640	\$9,288	\$10,320		\$18,091
JUNAU	Railing	AG 4		172	lin ft	3	fair	\$4,300	\$1,935	State	\$4,300	\$1,935	\$2,150		\$3,769
JUNAU	Abutment	AG 4		1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500		\$4,383
JUNAU	Piling	AG 4		12	each	3	fair	\$28,800	\$12,960	State	\$28,800	\$12,960	\$14,400		\$25,243
JUNAU	Cross Braces	AG 4		12	each	1	failed	\$2,400	\$0	State	\$2,400	\$0	\$2,400		\$4,207
JUNAU	Support Structure	AG 4		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Deck/Skid	AG 4		1	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500		\$2,630
JUNAU	Gangway Hinge (top)	AG 4		2	each	3		\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Railing	AG 4		100	lin ft	3		\$0	\$0	State	\$0	\$0	\$0		\$0
JUNAU	Gangway Support Structure	AG 4		1	each	3	fair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000		\$15,777

Module of Costs

ID	Item	Feet Ext	Quantity	Unit	Condition	Description	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNAU	Gangway Toe (bottom) AG 4		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Utilities-Light Distribution AG 4		1	each	3	fair	\$6,860	\$2,997	State	\$6,660	\$2,997	\$3,330	\$5,837
JUNAU	Disposal - Waste Oil Co AG 4		350	gal	3	fair	\$1,750	\$788	Other	\$0	\$0	\$0	\$0
JUNAU	Rubblemound BW		1400	lin ft	4	good	\$5,600,000	\$3,780,000	Other	\$0	\$0	\$0	\$0
JUNAU	Piling FF		7	each	4	good	\$12,600	\$8,505	Other	\$0	\$0	\$0	\$0
JUNAU	Float Structure (Deck) FF		102	lin ft	4	good	\$42,840	\$28,917	Other	\$0	\$0	\$0	\$0
JUNAU	Pile Guides (Standard) FF		7	each	4	good	\$2,800	\$1,890	Other	\$0	\$0	\$0	\$0
JUNAU	Utilities-Light Distribution FF		1	each	4	good	\$7,140	\$4,820	Other	\$0	\$0	\$0	\$0
JUNAU	Utilities - Power System FF		1	each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNAU	Utilities - Water System FF		1	each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNAU	Utility System - Other (see FF		1	other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - Extingu FF		1	each	4	good	\$500	\$338	Other	\$0	\$0	\$0	\$0
JUNAU	Component - Other (see FF		9	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNAU	Component - Other (see FF		1	each	1	failed	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNAU	Component - Other (see FF		4	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNAU	Float Structure (Deck) GF 3		26	lin ft	3	fair	\$7,280	\$3,276	State	\$7,280	\$3,276	\$3,640	\$6,381
JUNAU	Float Hinges (Heavy Duty GF 3		2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNAU	Mooring Dolphins MF A		1	each	3	fair	\$60,000	\$27,000	State	\$60,000	\$27,000	\$30,000	\$52,590
JUNAU	Piling MF A		24	each	3	fair	\$43,200	\$19,440	State	\$43,200	\$19,440	\$21,600	\$37,865
JUNAU	Float Structure (Deck) MF A		52	lin ft	3	fair	\$13,000	\$5,850	State	\$13,000	\$5,850	\$6,500	\$11,395
JUNAU	Float Structure (Deck) MF A		160	lin ft	3	fair	\$40,000	\$18,000	State	\$40,000	\$18,000	\$20,000	\$35,060
JUNAU	Float Hinges (Standard) MF A		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNAU	Pile Guides (Standard) MF A		24	each	3	fair	\$9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,414
JUNAU	Finger (or Stall) Floats MF A		4	each	3	fair	\$34,224	\$15,401	State	\$34,224	\$15,401	\$17,112	\$29,997
JUNAU	Finger Float Hinges (Standard MF A		4	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
JUNAU	Utilities-Light Distribution MF A		1	each	3	fair	\$18,040	\$8,118	State	\$18,040	\$8,118	\$9,020	\$15,812
JUNAU	Utilities - Power System MF A		1	each	3	fair	\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,506
JUNAU	Utilities - Water System MF A		1	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
JUNAU	Utility System - Other (see MF A		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - Extingu MF A		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNAU	Piling MF B		23	each	3	fair	\$41,400	\$18,630	State	\$41,400	\$18,630	\$20,700	\$36,287
JUNAU	Float Structure (Deck) MF B		50	lin ft	3	fair	\$12,500	\$5,625	State	\$12,500	\$5,625	\$6,250	\$10,956
JUNAU	Float Structure (Deck) MF B		225	lin ft	3	fair	\$56,250	\$25,313	State	\$56,250	\$25,313	\$28,125	\$49,303
JUNAU	Float Hinges (Standard) MF B		2	each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0
JUNAU	Pile Guides (Standard) MF B		23	each	4	good	\$9,200	\$6,210	State	\$9,200	\$6,210	\$0	\$0
JUNAU	Finger (or Stall) Floats MF B		2	each	3	fair	\$17,112	\$7,700	State	\$17,112	\$7,700	\$8,556	\$14,999
JUNAU	Finger (or Stall) Floats MF B		3	each	3	fair	\$25,668	\$11,551	State	\$25,668	\$11,551	\$12,834	\$22,498
JUNAU	Finger Float Hinges (Standard MF B		10	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,630
JUNAU	Utilities-Light Distribution MF B		1	each	3	fair	\$23,050	\$10,373	State	\$23,050	\$10,373	\$11,525	\$20,203
JUNAU	Utilities - Power System MF B		1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,383

Prepared By:
Harold Moeser, PE
2/4/99

Module of Costs

										Owner	State Only			
ID	Item		Feet Ext	Quantity	Unit	Cond ition	Desc.	Estimated Replacement Cost	In-Place Value	"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNAU	Utilities - Water System MF B		1	each	3	fair		\$1,500	\$675	State	\$1,500	\$675	\$750	\$1,315
JUNAU	Utility System - Other(se MF B		1	other	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - ExtinguMF B		1	each	3	fair		\$500	\$225	State	\$500	\$225	\$250	\$438
JUNAU	Piling MF C		19	each	3	fair		\$34,200	\$15,390	State	\$34,200	\$15,390	\$17,100	\$29,976
JUNAU	Float Structure (Deck) MF C		287	lin ft	3	fair		\$71,750	\$32,288	State	\$71,750	\$32,288	\$35,875	\$62,889
JUNAU	Float Hinges (Standard) MF C		2	each	3	fair		\$800	\$360	State	\$800	\$360	\$400	\$701
JUNAU	Pile Guides (Standard) MF C		19	each	3	fair		\$7,600	\$3,420	State	\$7,600	\$3,420	\$3,800	\$6,661
JUNAU	Finger (or Stall) Floats MF C		1	each	3	fair		\$3,864	\$1,739	State	\$3,864	\$1,739	\$1,932	\$3,387
JUNAU	Finger (or Stall) Floats MF C		11	each	3	fair		\$42,504	\$19,127	State	\$42,504	\$19,127	\$21,252	\$37,255
JUNAU	Finger Float Hinges (StaMF C		24	each	3	fair		\$7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$6,311
JUNAU	Utilities-Light DistributionMF C		1	each	3	fair		\$24,430	\$10,994	State	\$24,430	\$10,994	\$12,215	\$21,413
JUNAU	Utilities - Power System MF C		1	each	3	fair		\$12,000	\$5,400	State	\$12,000	\$5,400	\$6,000	\$10,518
JUNAU	Utilities - Water System MF C		1	each	3	fair		\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
JUNAU	Utility System - Other(se MF C		1	other	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - ExtinguMF C		1	each	3	fair		\$500	\$225	State	\$500	\$225	\$250	\$438
JUNAU	Piling MF D		23	each	3	fair		\$41,400	\$18,630	State	\$41,400	\$18,630	\$20,700	\$36,287
JUNAU	Float Structure (Deck) MF D		287	lin ft	3	fair		\$71,750	\$32,288	State	\$71,750	\$32,288	\$35,875	\$62,889
JUNAU	Float Hinges (Standard) MF D		2	each	3	fair		\$800	\$360	State	\$800	\$360	\$400	\$701
JUNAU	Pile Guides (Standard) MF D		1	each	3	fair		\$400	\$180	State	\$400	\$180	\$200	\$351
JUNAU	Pile Guides (Standard) MF D		22	each	3	fair		\$8,800	\$3,960	State	\$8,800	\$3,960	\$4,400	\$7,713
JUNAU	Finger (or Stall) Floats MF D		7	each	3	fair		\$23,184	\$10,433	State	\$23,184	\$10,433	\$11,592	\$20,321
JUNAU	Finger (or Stall) Floats MF D		9	each	3	fair		\$29,808	\$13,414	State	\$29,808	\$13,414	\$14,904	\$26,127
JUNAU	Finger Float Hinges (StaMF D		32	each	3	fair		\$9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,414
JUNAU	Utilities-Light DistributionMF D		1	each	3	fair		\$25,870	\$11,642	State	\$25,870	\$11,642	\$12,935	\$22,675
JUNAU	Utilities - Power System MF D		1	each	3	fair		\$16,000	\$7,200	State	\$16,000	\$7,200	\$8,000	\$14,024
JUNAU	Utilities - Water System MF D		1	each	3	fair		\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,207
JUNAU	Utility System - Other(se MF D		1	other	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - ExtinguMF D		1	each	3	fair		\$500	\$225	State	\$500	\$225	\$250	\$438
JUNAU	Piling MF E		15	each	3	fair		\$27,000	\$12,150	State	\$27,000	\$12,150	\$13,500	\$23,668
JUNAU	Float Structure (Deck) MF E		287	lin ft	3	fair		\$71,750	\$32,288	State	\$71,750	\$32,288	\$35,875	\$62,889
JUNAU	Float Hinges (Standard) MF E		2	each	3	fair		\$800	\$360	State	\$800	\$360	\$400	\$701
JUNAU	Pile Guides (Standard) MF E		1	each	2	poor		\$400	\$90	State	\$400	\$90	\$400	\$701
JUNAU	Pile Guides (Standard) MF E		14	each	3	fair		\$5,600	\$2,520	State	\$5,600	\$2,520	\$2,800	\$4,908
JUNAU	Finger (or Stall) Floats MF E		8	each	3	fair		\$25,024	\$11,261	State	\$25,024	\$11,261	\$12,512	\$21,934
JUNAU	Finger Float Hinges (StaMF E		16	each	3	fair		\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,207
JUNAU	Utilities-Light DistributionMF E		1	each	3	fair		\$19,790	\$8,906	State	\$19,790	\$8,906	\$9,895	\$17,348
JUNAU	Utilities - Power System MF E		1	each	3	fair		\$8,000	\$3,600	State	\$8,000	\$3,600	\$4,000	\$7,012
JUNAU	Utilities - Water System MF E		1	each	3	fair		\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,104
JUNAU	Utility System - Other(se MF E		1	other	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - ExtinguMF E		1	each	3	fair		\$500	\$225	State	\$500	\$225	\$250	\$438

Schedule of Costs

ID	Item	Material	Feet Ext	Quantity	Unit	Condition	Description	Estimated Replacement Cost	In-Place Value	Owner State or Other	State Only			Proposed State Action
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
JUNAU	Piling	MF F		15	each	3	fair	\$27,000	\$12,150	State	\$27,000	\$12,150	\$13,500	\$23,666
JUNAU	Float Structure (Deck)	MF F		287	lin ft	3	fair	\$71,750	\$32,288	State	\$71,750	\$32,288	\$35,875	\$62,889
JUNAU	Float Hinges (Standard)	MF F		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNAU	Pile Guides (Standard)	MF F		15	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
JUNAU	Finger (or Stall) Floats	MF F		1	each	3	fair	\$3,128	\$1,408	State	\$3,128	\$1,408	\$1,564	\$2,742
JUNAU	Finger (or Stall) Floats	MF F		7	each	3	fair	\$21,896	\$9,853	State	\$21,896	\$9,853	\$10,948	\$19,192
JUNAU	Finger Float Hinges (Sta	MF F		16	each	3	fair	\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,207
JUNAU	Utilities-Light Distribution	MF F		1	each	3	fair	\$19,790	\$8,906	State	\$19,790	\$8,906	\$9,895	\$17,346
JUNAU	Utilities - Power System	MF F		1	each	3	fair	\$8,000	\$3,600	State	\$8,000	\$3,600	\$4,000	\$7,012
JUNAU	Utilities - Water System	MF F		1	each	3	fair	\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,104
JUNAU	Utility System - Other(see	MF F		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - Extingu	MF F		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNAU	Mooring Dolphins	MF G		1	each	3	fair	\$9,000	\$4,050	State	\$9,000	\$4,050	\$4,500	\$7,889
JUNAU	Piling	MF G		14	each	3	fair	\$25,200	\$11,340	State	\$25,200	\$11,340	\$12,600	\$22,088
JUNAU	Float Structure (Deck)	MF G		4	lin ft	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
JUNAU	Float Structure (Deck)	MF G		283	lin ft	3	fair	\$84,900	\$38,205	State	\$84,900	\$38,205	\$42,450	\$74,415
JUNAU	Float Hinges (Heavy Du	MF G		2	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
JUNAU	Pile Guides (Heavy Duty	MF G		15	each	3	fair	\$7,500	\$3,375	State	\$7,500	\$3,375	\$3,750	\$6,574
JUNAU	Finger (or Stall) Floats	MF G		1	each	3	fair	\$2,592	\$1,166	State	\$2,592	\$1,166	\$1,298	\$2,272
JUNAU	Finger (or Stall) Floats	MF G		8	each	3	fair	\$20,735	\$9,331	State	\$20,735	\$9,331	\$10,368	\$18,175
JUNAU	Utilities-Light Distribution	MF G		1	each	3	fair	\$18,670	\$8,402	State	\$18,670	\$8,402	\$9,335	\$16,364
JUNAU	Utilities - Power System	MF G		1	each	3	fair	\$9,000	\$4,050	State	\$9,000	\$4,050	\$4,500	\$7,889
JUNAU	Utilities - Water System	MF G		1	each	3	fair	\$2,700	\$1,215	State	\$2,700	\$1,215	\$1,350	\$2,367
JUNAU	Utility System - Other(see	MF G		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - Extingu	MF G		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNAU	Component - Other (see	MF G		6	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Piling	MF H		9	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Float Structure (Deck)	MF H		275	lin ft	4	good	\$66,000	\$44,550	State	\$66,000	\$44,550	\$0	\$0
JUNAU	Float Hinges (Heavy Du	MF H		2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNAU	Pile Guides (Heavy Duty	MF H		9	each	4	good	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
JUNAU	Finger (or Stall) Floats	MF H		1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Finger (or Stall) Floats	MF H		2	each	3	fair	\$5,184	\$2,333	State	\$5,184	\$2,333	\$2,592	\$4,544
JUNAU	Finger (or Stall) Floats	MF H		16	each	4	good	\$41,472	\$27,994	State	\$41,472	\$27,994	\$0	\$0
JUNAU	Utilities-Light Distribution	MF H		1	each	4	good	\$20,120	\$13,581	State	\$20,120	\$13,581	\$0	\$0
JUNAU	Utilities - Power System	MF H		1	each	3	fair	\$19,000	\$8,550	State	\$19,000	\$8,550	\$9,500	\$16,654
JUNAU	Utilities - Water System	MF H		1	each	3	fair	\$5,700	\$2,565	State	\$5,700	\$2,565	\$2,850	\$4,996
JUNAU	Utility System - Other(see	MF H		1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - Extingu	MF H		1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNAU	Piling	MF J		6	each	4	good	\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
JUNAU	Float Structure (Deck)	MF J		6	lin ft	3	fair	\$1,080	\$486	State	\$1,080	\$486	\$540	\$947

Module of Costs

ID	Item	Feet Ext	Quantity	Unit	Cond	Desc.	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			Proposed State Action
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
JUNAU	Float Structure (Deck) MF J		166	lin ft	4	good	\$29,680	\$20,169	State	\$29,680	\$20,169	\$0	\$0
JUNAU	Float Hinges (Heavy Du MF J		2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNAU	Pile Guides (Heavy Duty MF J		6	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
JUNAU	Finger (or Stall) Floats MF J		1	each	2	poor	\$1,944	\$437	State	\$1,944	\$437	\$1,944	\$3,408
JUNAU	Finger (or Stall) Floats MF J		1	each	3	fair	\$1,944	\$875	State	\$1,944	\$875	\$972	\$1,704
JUNAU	Finger (or Stall) Floats MF J		20	each	4	good	\$38,880	\$26,244	State	\$38,880	\$26,244	\$0	\$0
JUNAU	Utilities-Light Distribution MF J		1	each	4	good	\$13,080	\$8,829	State	\$13,080	\$8,829	\$0	\$0
JUNAU	Utilities - Power System MF J		1	each	3	fair	\$22,000	\$9,900	State	\$22,000	\$9,900	\$11,000	\$19,283
JUNAU	Utilities - Water System MF J		1	each	3	fair	\$6,600	\$2,970	State	\$6,600	\$2,970	\$3,300	\$5,785
JUNAU	Fire Protection - Extingu MF J		1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNAU	Piling MF K		6	each	4	good	\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
JUNAU	Float Structure (Deck) MF K		272	lin ft	4	good	\$48,960	\$33,048	State	\$48,960	\$33,048	\$0	\$0
JUNAU	Float Hinges (Heavy Du MF K		2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNAU	Pile Guides (Heavy Duty MF K		6	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
JUNAU	Finger (or Stall) Floats MF K		24	each	4	good	\$46,656	\$31,493	State	\$46,656	\$31,493	\$0	\$0
JUNAU	Utilities-Light Distribution MF K		1	each	4	good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0
JUNAU	Utilities - Power System MF K		1	each	3	fair	\$24,000	\$10,800	State	\$24,000	\$10,800	\$12,000	\$21,036
JUNAU	Utilities - Water System MF K		1	each	3	fair	\$7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$6,311
JUNAU	Fire Protection - Extingu MF K		1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNAU	Piling MF L		6	each	4	good	\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
JUNAU	Float Structure (Deck) MF L		272	lin ft	4	good	\$48,960	\$33,048	State	\$48,960	\$33,048	\$0	\$0
JUNAU	Float Hinges (Heavy Du MF L		2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNAU	Pile Guides (Heavy Duty MF L		6	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
JUNAU	Finger (or Stall) Floats MF L		24	each	4	good	\$46,656	\$31,493	State	\$46,656	\$31,493	\$0	\$0
JUNAU	Utilities-Light Distribution MF L		1	each	4	good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0
JUNAU	Utilities - Power System MF L		1	each	3	fair	\$24,000	\$10,800	State	\$24,000	\$10,800	\$12,000	\$21,036
JUNAU	Utilities - Water System MF L		1	each	3	fair	\$7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$6,311
JUNAU	Fire Protection - Extingu MF L		1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNAU	Piling MF N		6	each	4	good	\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
JUNAU	Float Structure (Deck) MF N		272	lin ft	4	good	\$48,960	\$33,048	State	\$48,960	\$33,048	\$0	\$0
JUNAU	Float Hinges (Heavy Du MF N		2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNAU	Pile Guides (Heavy Duty MF N		6	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
JUNAU	Finger (or Stall) Floats MF N		24	each	4	good	\$46,656	\$31,493	State	\$46,656	\$31,493	\$0	\$0
JUNAU	Utilities-Light Distribution MF N		1	each	4	good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0
JUNAU	Utilities - Power System MF N		1	each	3	fair	\$24,000	\$10,800	State	\$24,000	\$10,800	\$12,000	\$21,036
JUNAU	Utilities - Water System MF N		1	each	3	fair	\$7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$6,311
JUNAU	Fire Protection - Extingu MF N		1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNAU	Piling MG 1		26	each	3	fair	\$46,800	\$21,060	State	\$46,800	\$21,060	\$23,400	\$41,020
JUNAU	Float Structure (Deck) MG 1		1447	lin ft	3	fair	\$332,810	\$149,765	State	\$332,810	\$149,765	\$166,405	\$291,708
JUNAU	Pile Guides (Standard) MG 1		26	each	3	fair	\$10,400	\$4,680	State	\$10,400	\$4,680	\$5,200	\$9,118

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2/4/99

chedule of Costs

ID	Item	Feet Ext	Quant ty	Unit	Cond ition	Desc.	Estimated Replacement Cost	In-Place Value	Owner State or Other	State Only			
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNAU	Utilities-Light Distribution	MG 1	1	each	4	good	\$72,350	\$48,836	State	\$72,350	\$48,836	\$0	\$0
JUNAU	Utilities - Power System	MG 1	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Utilities - Water System	MG 1	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Utility System - Other (see	MG 1	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - Extingu	MG 1	6	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
JUNAU	Fire Protection - Fire Pu	MG 1	2	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
JUNAU	Fire Protection - Other (	MG 1	3		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Component - Other (see	MG 1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Component - Other (see	MG 1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Piling	MG 2	4	each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
JUNAU	Piling	MG 2	7	each	4	good	\$12,600	\$8,505	State	\$12,600	\$8,505	\$0	\$0
JUNAU	Float Structure (Deck)	MG 2	12	lin ft	4	good	\$2,208	\$1,490	State	\$2,208	\$1,490	\$0	\$0
JUNAU	Float Structure (Deck)	MG 2	530	lin ft	4	good	\$114,480	\$77,274	State	\$114,480	\$77,274	\$0	\$0
JUNAU	Float Ffinges (Heavy Du	MG 2	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNAU	Pile Guides (Heavy Duty	MG 2	11	each	4	good	\$5,500	\$3,713	State	\$5,500	\$3,713	\$0	\$0
JUNAU	Utilities-Light Distribution	MG 2	1	each	4	good	\$21,680	\$14,634	State	\$21,680	\$14,634	\$0	\$0
JUNAU	Utilities - Power System	MG 2	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fire Protection - Extingu	MG 2	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
JUNAU	Fire Protection - Fire Pu	MG 2	1	each	4	good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
JUNAU	Component - Other (see	MG 2	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNAU	Fuel Tanks - Above Gro	UF	1000	gal	4	good	\$4,000	\$2,700	Other	\$0	\$0	\$0	\$0
JUNAU	Facilities - Harbor Office	UF	1600	sq ft	4	good	\$160,000	\$108,000	Other	\$0	\$0	\$0	\$0
JUNAU	Facilities - Parking (by a	UF	1.15	acres	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNDGD	Decking (for fixed struct	DO	133	lin ft	3	fair	\$66,500	\$29,925	State	\$66,500	\$29,925	\$33,250	\$58,287
JUNDGD	Decking (for fixed struct	DP	51	lin ft	3	fair	\$63,750	\$28,688	State	\$63,750	\$28,688	\$31,875	\$55,877
JUNDGD	Fendering System	DP	0	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGD	Ladders	DP	2	each	3	fair	\$1,000	\$450	State	\$1,000	\$450	\$500	\$877
JUNDGD	Cargo Hoist	DP	2	each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNDGD	Abutment	DP	1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,383
JUNDGD	Piling	DP	140	each	3	fair	\$455,000	\$204,750	State	\$455,000	\$204,750	\$227,500	\$398,808
JUNDGD	Cross Braces	DP	1	each	2	poor	\$200	\$45	State	\$200	\$45	\$200	\$351
JUNDGD	Cross Braces	DP	1	each	3	fair	\$200	\$90	State	\$200	\$90	\$100	\$175
JUNDGD	Utilities - Power System	DP	1	each	3	fair	\$7,650	\$3,443	Other	\$0	\$0	\$0	\$0
JUNDGD	Utilities - Water System	DP	1	each	3	fair	\$5,100	\$2,205	Other	\$0	\$0	\$0	\$0
JUNDGD	Fire - Hydrant System (g	DP	1	each	3	fair	\$2,550	\$1,148	Other	\$0	\$0	\$0	\$0
JUNDGD	Component - Other (see	DP		each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Decking (for fixed struct	AG 1	102	lin ft	3	fair	\$24,480	\$11,016	State	\$24,480	\$11,016	\$12,240	\$21,457
JUNDGH	Railing	AG 1	204	lin ft	3	fair	\$5,100	\$2,295	State	\$5,100	\$2,295	\$2,550	\$4,470
JUNDGH	Abutment	AG 1	1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,383
JUNDGH	Piling	AG 1	18	each	3	fair	\$43,200	\$19,440	State	\$43,200	\$19,440	\$21,300	\$37,865

Schedule of Costs

ID	Item	AG	Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNDGH	Cross Braces	AG 1		20	each	3	fair	\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,506
JUNDGH	Support Structure	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Gangway Deck/Skid	AG 1		1	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,630
JUNDGH	Gangway Hinge (top)	AG 1		2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Gangway Railing	AG 1		100	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Gangway Support Struc	AG 1		1	each	4	good	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
JUNDGH	Gangway Tce (bottom)	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Utilities-Light Distribution	AG 1		1	each	3	fair	\$7,620	\$3,429	State	\$7,620	\$3,429	\$3,810	\$6,679
JUNDGH	Utilities - Power System	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Utilities - Water System	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Component - Other (see	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Ladders	G		2	each	3	fair	\$1,000	\$450	State	\$1,000	\$450	\$500	\$877
JUNDGH	Cross Braces	G		20	each	3	fair	\$6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,259
JUNDGH	Top Beams	G		8	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
JUNDGH	Bearing Piles	G		18	each	3	fair	\$27,000	\$12,150	State	\$27,000	\$12,150	\$13,500	\$23,666
JUNDGH	Breasting Piles	G		6	each	3	fair	\$12,000	\$5,400	State	\$12,000	\$5,400	\$6,000	\$10,518
JUNDGH	Calwalks	G		1	each	3	fair	\$37,440	\$16,848	State	\$37,440	\$16,848	\$18,720	\$32,816
JUNDGH	Ramp Length	LR		250	lin ft	3	fair	\$75,000	\$33,750	State	\$75,000	\$33,750	\$37,500	\$65,738
JUNDGH	Piling	MF A		12	each	3	fair	\$21,600	\$9,720	State	\$21,600	\$9,720	\$10,800	\$18,932
JUNDGH	Float Structure (Deck)	MF A		300	lin ft	3	fair	\$45,000	\$20,250	State	\$45,000	\$20,250	\$22,500	\$39,443
JUNDGH	Float Hinges (Standard)	MF A		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNDGH	Pile Guides (Standard)	MF A		3	each	2	poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,104
JUNDGH	Pile Guides (Standard)	MF A		9	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
JUNDGH	Finger (or Stall) Floats	MF A		21	each	3	fair	\$30,429	\$13,693	State	\$30,429	\$13,693	\$15,215	\$26,671
JUNDGH	Utilities-Light Distribution	MF A		1	each	3	fair	\$15,615	\$7,027	State	\$15,615	\$7,027	\$7,808	\$13,887
JUNDGH	Utilities - Power System	MF A		1	each	3	fair	\$21,000	\$9,450	State	\$21,000	\$9,450	\$10,500	\$18,407
JUNDGH	Utility System - Other (see	MF A		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Fire Protection - Extingu	MF A		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNDGH	Piling	MF B		24	each	3	fair	\$46,800	\$21,060	State	\$46,800	\$21,060	\$23,400	\$41,020
JUNDGH	Float Structure (Deck)	MF B		312	lin ft	3	fair	\$78,000	\$35,100	State	\$78,000	\$35,100	\$39,000	\$68,367
JUNDGH	Pile Guides (Standard)	MF B		24	each	3	fair	\$9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,414
JUNDGH	Finger (or Stall) Floats	MF B		16	each	3	fair	\$47,104	\$21,197	State	\$47,104	\$21,197	\$23,552	\$41,287
JUNDGH	Finger Float Hinges (Sta	MF B		32	each	3	fair	\$9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,414
JUNDGH	Utilities-Light Distribution	MF B		1	each	3	fair	\$25,840	\$11,628	State	\$25,840	\$11,628	\$12,920	\$22,649
JUNDGH	Utilities - Power System	MF B		1	each	3	fair	\$16,000	\$7,200	State	\$16,000	\$7,200	\$8,000	\$14,024
JUNDGH	Utilities - Water System	MF B		1	each	3	fair	\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,207
JUNDGH	Utility System - Other (see	MF B		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Disposal - Solid Waste	OMF B		0	cu ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Fire Protection - Extingu	MF B		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNDGH	Piling	MF C		9	each	3	fair	\$16,200	\$7,290	State	\$16,200	\$7,290	\$8,100	\$14,189

Prepared By:
Harold Moeser, PE
2/4/99

chedule of Costs

ID	Item	Cat	Feet Ext	Quantity	Unit	Cond	Desc.	Estimated Replacement Cost	In-Place Value	Owner State or Other	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNDGH	Float Structure (Deck)	MF C		255	lin ft	3	fair	\$102,000	\$45,900	State	\$102,000	\$45,900	\$51,000	\$89,403
JUNDGH	Pile Guides (Standard)	MF C		9	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
JUNDGH	Utilities-Light Distribution	MF C		1	each	3	fair	\$20,400	\$9,180	State	\$20,400	\$9,180	\$10,200	\$17,881
JUNDGH	Utilities - Power System	MF C		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Utilities - Water System	MF C		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Utility System - Other (see MF C	MF C		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Fire Protection - Extingu	MF C		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNDGH	Piling	MG		6	each	3	fair	\$10,800	\$4,860	State	\$10,800	\$4,860	\$5,400	\$9,466
JUNDGH	Float Structure (Deck)	MG		130	lin ft	3	fair	\$17,940	\$8,073	State	\$17,940	\$8,073	\$8,970	\$15,724
JUNDGH	Float Hinges (Standard)	MG		4	each	3	fair	\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,402
JUNDGH	Pile Guides (Standard)	MG		3	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
JUNDGH	Pile Guides (Standard)	MG		3	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
JUNDGH	Finger (or Stall) Floats	MG		5	each	3	fair	\$7,820	\$3,519	State	\$7,820	\$3,519	\$3,910	\$6,854
JUNDGH	Utilities-Light Distribution	MG		1	each	3	fair	\$5,600	\$2,520	State	\$5,600	\$2,520	\$2,800	\$4,908
JUNDGH	Utilities - Water System	MG		1	each	3	fair	\$1,500	\$675	State	\$1,500	\$675	\$750	\$1,315
JUNDGH	Fire Protection - Extingu	MG		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNDGH	Component - Other (see MG	MG		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNDGH	Disposal - Waste Oil Co	UF		1000	gal	3	fair	\$5,000	\$2,250	Other	\$0	\$0	\$0	\$0
JUNHAR	Decking (for fixed struct	AG 1		100	lin ft	2	poor	\$54,000	\$12,150	State	\$54,000	\$12,150	\$54,000	\$94,662
JUNHAR	Railing	AG 1		230	lin ft	2	poor	\$5,750	\$1,294	State	\$5,750	\$1,294	\$5,750	\$10,080
JUNHAR	Cargo Hoist	AG 1		2	each	3	fair	\$4,000	\$1,800	Other	\$0	\$0	\$0	\$0
JUNHAR	Abutment	AG 1		1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,383
JUNHAR	Piling	AG 1		51	each	2	poor	\$132,600	\$29,035	State	\$132,600	\$29,035	\$132,600	\$232,448
JUNHAR	Cross Braces	AG 1		8	each	1	failed	\$1,600	\$0	State	\$1,600	\$0	\$1,600	\$2,805
JUNHAR	Cross Braces	AG 1		46	each	2	poor	\$9,200	\$2,070	State	\$9,200	\$2,070	\$9,200	\$16,128
JUNHAR	Support Structure	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Gangway Deck/Skid	AG 1		1	each	4	good	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
JUNHAR	Gangway Hinge (top)	AG 1		2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Gangway Railing	AG 1		150	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Gangway Support Struc	AG 1		1	each	4	good	\$27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
JUNHAR	Gangway Toe (bottom)	AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Facilities - Restrooms	AG 1		2	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNHAR	Utilities-Light Distribution	AG 1		1	each	4	good	\$15,750	\$10,631	State	\$15,750	\$10,631	\$0	\$0
JUNHAR	Utility System - Other (see AG 1	AG 1		1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Component - Other (see AG 1	AG 1		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Component - Other (see AG 1	AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Component - Other (see AG 1	AG 1		9	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Floating	RW		60	lin ft	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNHAR	Floating	BW		40	lin ft	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNHAR	Ladders	G		12	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0

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2/4/99

Module of Costs

ID	Item	G	Feet Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNHAR	Railing	G		960	lin ft	2	poor	\$24,000	\$5,400	State	\$24,000	\$5,400	\$24,000	\$42,072
JUNHAR	Cross Braces	G		19	each	5	new	\$5,700	\$5,130	State	\$5,700	\$5,130	\$0	\$0
JUNHAR	Top Beams	G		7	each	5	new	\$7,000	\$6,300	State	\$7,000	\$6,300	\$0	\$0
JUNHAR	Top Beams	G		50	each	3	fair	\$30,000	\$13,500	State	\$30,000	\$13,500	\$15,000	\$26,295
JUNHAR	Top Beams	G		2	each	1	failed	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Top Beams	G		3	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Bearing Piles	G		3	each	5	new	\$6,000	\$5,400	State	\$6,000	\$5,400	\$0	\$0
JUNHAR	Bearing Piles	G		209	each	3	fair	\$313,500	\$141,075	State	\$313,500	\$141,075	\$156,750	\$274,783
JUNHAR	Breasting Piles	G		58	each	3	fair	\$116,000	\$52,200	State	\$116,000	\$52,200	\$58,000	\$101,674
JUNHAR	Catwalks	G		1	each	3	fair	\$115,200	\$51,840	State	\$115,200	\$51,840	\$57,600	\$100,973
JUNHAR	Utilities - Power System	G		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Utilities - Water System	G		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Component - Other (see	G		1	each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Component - Other (see	G		2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Component - Other (see	G		710	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Ramp Length	LR		5	lin ft	1	failed	\$1,500	\$0	State	\$1,500	\$0	\$1,500	\$2,630
JUNHAR	Ramp Length	LR		30	lin ft	2	poor	\$9,000	\$2,025	State	\$9,000	\$2,025	\$9,000	\$15,777
JUNHAR	Ramp Length	LR		36	lin ft	3	fair	\$10,800	\$4,860	State	\$10,800	\$4,860	\$5,400	\$9,466
JUNHAR	Ramp Length	LR		115	lin ft	3	fair	\$34,500	\$15,525	State	\$34,500	\$15,525	\$17,250	\$30,239
JUNHAR	Piling	MF 1		33	each	2	poor	\$49,500	\$11,138	State	\$49,500	\$11,138	\$49,500	\$86,774
JUNHAR	Float Structure (Deck)	MF 1		412	lin ft	2	poor	\$103,000	\$23,175	State	\$103,000	\$23,175	\$103,000	\$180,559
JUNHAR	Float Hinges (Standard)	MF 1		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNHAR	Pile Guides (Standard)	MF 1		6	each	3	fair	\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,104
JUNHAR	Pile Guides (Standard)	MF 1		27	each	3	fair	\$10,800	\$4,860	State	\$10,800	\$4,860	\$5,400	\$9,466
JUNHAR	Finger (or Stall) Floats	MF 1		10	each	2	poor	\$29,440	\$6,624	State	\$29,440	\$6,624	\$29,440	\$51,608
JUNHAR	Finger Float Hinges (Sta	MF 1		20	each	3	fair	\$6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,259
JUNHAR	Utilities-Light Distribution	MF 1		1	each	3	fair	\$27,000	\$12,150	State	\$27,000	\$12,150	\$13,500	\$23,666
JUNHAR	Utilities - Power System	MF 1		1	each	3	fair	\$10,000	\$4,500	State	\$10,000	\$4,500	\$5,000	\$8,765
JUNHAR	Utilities - Water System	MF 1		1	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,630
JUNHAR	Utility System - Other(se	MF 1		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Utility System - Other(se	MF 1		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu	MF 1		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Piling	MF 2		30	each	2	poor	\$45,000	\$10,125	State	\$45,000	\$10,125	\$45,000	\$78,885
JUNHAR	Float Structure (Deck)	MF 2		337	lin ft	2	poor	\$84,250	\$18,956	State	\$84,250	\$18,956	\$84,250	\$147,690
JUNHAR	Float Hinges (Standard)	MF 2		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNHAR	Pile Guides (Standard)	MF 2		10	each	3	fair	\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,508
JUNHAR	Pile Guides (Standard)	MF 2		20	each	3	fair	\$8,000	\$3,600	State	\$8,000	\$3,600	\$4,000	\$7,012
JUNHAR	Finger (or Stall) Floats	MF 2		2	each	2	poor	\$5,520	\$1,242	State	\$5,520	\$1,242	\$5,520	\$9,677
JUNHAR	Finger (or Stall) Floats	MF 2		8	each	2	poor	\$22,080	\$4,968	State	\$22,080	\$4,968	\$22,080	\$38,706
JUNHAR	Finger (or Stall) Floats	MF 2		1	each	2	poor	\$2,944	\$662	State	\$2,944	\$662	\$2,944	\$5,161

Schedule of Costs

ID	Item	Feet Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNHAR	Finger (or Stall) Floats	MF 2	10	each	2	poor	\$28,440	\$6,824	State	\$29,440	\$6,824	\$29,440	\$51,608
JUNHAR	Finger Float Hinges (Standard)	MF 2	42	each	3	fair	\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,044
JUNHAR	Utilities-Light Distribution	MF 2	1	each	3	fair	\$29,890	\$13,451	State	\$29,890	\$13,451	\$14,945	\$26,199
JUNHAR	Utilities - Power System	MF 2	1	each	3	fair	\$21,000	\$9,450	State	\$21,000	\$9,450	\$10,500	\$18,407
JUNHAR	Utilities - Water System	MF 2	1	each	3	fair	\$6,300	\$2,835	State	\$6,300	\$2,835	\$3,150	\$5,522
JUNHAR	Utility System -Other(se	MF 2	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Utility System -Other(se	MF 2	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu	MF 2	1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Piling	MF 3	13	each	2	poor	\$19,500	\$4,388	State	\$19,500	\$4,388	\$19,500	\$34,184
JUNHAR	Float Structure (Deck)	MF 3	382	lin ft	2	poor	\$72,400	\$16,290	State	\$72,400	\$16,290	\$72,400	\$128,917
JUNHAR	Pile Guides (Standard)	MF 3	8	each	3	fair	\$3,200	\$1,440	State	\$3,200	\$1,440	\$1,600	\$2,805
JUNHAR	Pile Guides (Standard)	MF 3	7	each	2	poor	\$2,800	\$630	State	\$2,800	\$630	\$2,800	\$4,908
JUNHAR	Finger (or Stall) Floats	MF 3	20	each	3	fair	\$58,880	\$26,496	State	\$58,880	\$26,496	\$29,440	\$51,608
JUNHAR	Utilities-Light Distribution	MF 3	1	each	3	fair	\$27,280	\$12,276	State	\$27,280	\$12,276	\$13,640	\$23,911
JUNHAR	Utilities - Power System	MF 3	1	each	3	fair	\$20,000	\$9,000	State	\$20,000	\$9,000	\$10,000	\$17,530
JUNHAR	Utilities - Water System	MF 3	1	each	3	fair	\$6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,259
JUNHAR	Utility System -Other(se	MF 3	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu	MF 3	1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Piling	MF 4	10	each	3	fair	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$13,148
JUNHAR	Float Structure (Deck)	MF 4	412	lin ft	2	poor	\$61,800	\$13,905	State	\$61,800	\$13,905	\$61,800	\$108,335
JUNHAR	Float Hinges (Standard)	MF 4	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNHAR	Pile Guides (Standard)	MF 4	10	each	2	poor	\$4,000	\$900	State	\$4,000	\$900	\$4,000	\$7,012
JUNHAR	Finger (or Stall) Floats	MF 4	32	each	3	fair	\$50,784	\$22,853	State	\$50,784	\$22,853	\$25,392	\$44,512
JUNHAR	Utilities-Light Distribution	MF 4	1	each	3	fair	\$23,400	\$10,530	State	\$23,400	\$10,530	\$11,700	\$20,510
JUNHAR	Utilities - Power System	MF 4	1	each	3	fair	\$32,000	\$14,400	State	\$32,000	\$14,400	\$16,000	\$28,048
JUNHAR	Utilities - Water System	MF 4	1	each	3	fair	\$9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,414
JUNHAR	Utility System -Other(se	MF 4	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu	MF 4	1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Piling	MF 5	9	each	3	fair	\$16,200	\$7,290	State	\$16,200	\$7,290	\$8,100	\$14,199
JUNHAR	Float Structure (Deck)	MF 5	425	lin ft	3	fair	\$76,500	\$34,425	State	\$76,500	\$34,425	\$33,250	\$67,052
JUNHAR	Float Hinges (Heavy Du	MF 5	2	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
JUNHAR	Pile Guides (Heavy Duty	MF 5	9	each	3	fair	\$4,500	\$2,025	State	\$4,500	\$2,025	\$2,250	\$3,944
JUNHAR	Finger (or Stall) Floats	MF 5	17	each	3	fair	\$33,048	\$14,872	State	\$33,048	\$14,872	\$16,524	\$28,987
JUNHAR	Utilities-Light Distribution	MF 5	1	each	3	fair	\$18,870	\$8,492	State	\$18,870	\$8,492	\$9,435	\$16,540
JUNHAR	Utilities - Power System	MF 5	1	each	3	fair	\$17,000	\$7,650	State	\$17,000	\$7,650	\$8,500	\$14,901
JUNHAR	Utilities - Water System	MF 5	1	each	3	fair	\$5,100	\$2,295	State	\$5,100	\$2,295	\$2,550	\$4,470
JUNHAR	Utility System -Other(se	MF 5	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu	MF 5	1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Piling	MF 6	11	each	3	fair	\$16,500	\$7,425	State	\$16,500	\$7,425	\$8,250	\$14,462
JUNHAR	Float Structure (Deck)	MF 6	425	lin ft	3	fair	\$63,750	\$28,688	State	\$63,750	\$28,688	\$31,175	\$55,877

Prepared By:
Harold Moeser, PE
2/4/99

Scale of Costs

ID	Item	Feet Ext	Quantity	Unit	Cond	Desc	Estimated Replacement Cost	In-Place Value	Owner State or Other	State Only			
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNHAR	Float Hinges (Standard) MF 6		2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNHAR	Pile Guides (Standard) MF 6		11	each	3	fair	\$4,400	\$1,980	State	\$4,400	\$1,980	\$2,200	\$3,857
JUNHAR	Finger (or Stall) Floats MF 6		14	each	3	fair	\$26,082	\$11,737	State	\$26,082	\$11,737	\$13,041	\$22,861
JUNHAR	Utilities-Light Distribution MF 6		1	each	3	fair	\$18,420	\$8,289	State	\$18,420	\$8,289	\$9,210	\$16,145
JUNHAR	Utilities - Power System MF 6		1	each	3	fair	\$14,000	\$6,300	State	\$14,000	\$6,300	\$7,000	\$12,271
JUNHAR	Utilities - Water System MF 6		1	each	3	fair	\$4,200	\$1,890	State	\$4,200	\$1,890	\$2,100	\$3,681
JUNHAR	Utility System - Other (see MF 6		1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu MF 6		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Piling MG N		12	each	3	fair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$15,777
JUNHAR	Float Structure (Deck) MG N		290	lin ft	3	fair	\$53,360	\$24,012	State	\$53,360	\$24,012	\$26,680	\$46,770
JUNHAR	Float Structure (Deck) MG N		50	lin ft	2	poor	\$27,600	\$6,210	State	\$27,600	\$6,210	\$600	\$48,383
JUNHAR	Pile Guides (Standard) MG N		12	each	3	fair	\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,207
JUNHAR	Utilities-Light Distribution MG N		1	each	3	fair	\$17,600	\$7,920	State	\$17,600	\$7,920	\$8,700	\$15,426
JUNHAR	Utilities - Water System MG N		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Disposal - Solid Waste CMG N		108	cu ft	3	fair	\$1,080	\$486	Other	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu MG N		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Component - Other (see MG N		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Piling MG S		7	each	3	fair	\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,044
JUNHAR	Float Structure (Deck) MG S		125	lin ft	3	fair	\$23,000	\$10,350	State	\$23,000	\$10,350	\$11,500	\$20,160
JUNHAR	Float Structure (Deck) MG S		50	lin ft	3	fair	\$27,600	\$12,420	State	\$27,600	\$12,420	\$13,800	\$24,191
JUNHAR	Pile Guides (Standard) MG S		7	each	3	fair	\$2,800	\$1,260	State	\$2,800	\$1,260	\$1,400	\$2,454
JUNHAR	Utilities-Light Distribution MG S		1	each	3	fair	\$11,000	\$4,950	State	\$11,000	\$4,950	\$5,500	\$9,642
JUNHAR	Utilities - Water System MG S		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Disposal - Solid Waste CMG S		108	cu ft	3	fair	\$1,080	\$486	Other	\$0	\$0	\$0	\$0
JUNHAR	Fire Protection - Extingu MG S		1	each	3	fair	\$500	\$225	State	\$500	\$225	\$250	\$438
JUNHAR	Component - Other (see MG S		1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHAR	Facilities - Parking (by s UF		130	stalls	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNHAR	Facilities - Other (see co UF		1	other	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNHAR	Disposal - Waste Oil Co UF		500	gal	3	fair	\$2,500	\$1,125	Other	\$0	\$0	\$0	\$0
JUNHAR	Disposal - Waste Oil Co UF		1000	gal	3	fair	\$5,000	\$2,250	Other	\$0	\$0	\$0	\$0
JUNHSF	Abutment AG 1		1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
JUNHSF	Piling AG 1		2	each	4	good	\$5,600	\$3,780	State	\$5,600	\$3,780	\$0	\$0
JUNHSF	Cross Braces AG 1		2	each	4	good	\$400	\$270	State	\$400	\$270	\$0	\$0
JUNHSF	Support Structure AG 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHSF	Gangway Deck/Skid AG 1		1	each	4	good	\$3,720	\$2,511	State	\$3,720	\$2,511	\$0	\$0
JUNHSF	Gangway Hinge (top) AG 1		2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHSF	Gangway Railing AG 1		128	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHSF	Gangway Toe (bottom) AG 1		2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHSF	Gangway Deck/Skid GF 1		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHSF	Fleet Structure (Deck) GF 1		16	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0

Prepared By:
Harold Moeser, PE
2/4/99

Schedule of Costs

ID	Item	Feet Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
										Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
JUNHSF	Piling	MF 1	3	each	4	good	\$5,400	\$3,645	State	\$5,400	\$3,645	\$0	\$0
JUNHSF	Float Structure (Deck)	MF 1	45	lin ft	4	good	\$13,500	\$9,113	State	\$13,500	\$9,113	\$0	\$0
JUNHSF	Pile Guides (Standard)	MF 1	3	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
JUNHSF	Finger (or Stall) Floats	MF 1	1	each	4	good	\$8,280	\$5,589	State	\$8,280	\$5,589	\$0	\$0
JUNHSF	Utilities-Light Distribution	MF 1	1	each	4	good	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
JUNHSF	Utilities - Power System	MF 1	1	each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
JUNHSF	Piling	MF 2	13	each	4	good	\$23,400	\$15,795	State	\$23,400	\$15,795	\$0	\$0
JUNHSF	Float Structure (Deck)	MF 2	322	lin ft	4	good	\$96,600	\$65,205	State	\$96,600	\$65,205	\$0	\$0
JUNHSF	Pile Guides (Standard)	MF 2	13	each	4	good	\$5,200	\$3,510	State	\$5,200	\$3,510	\$0	\$0
JUNHSF	Finger (or Stall) Floats	MF 2	10	each	4	good	\$82,800	\$55,890	State	\$82,800	\$55,890	\$0	\$0
JUNHSF	Utilities-Light Distribution	MF 2	1	each	4	good	\$37,320	\$25,191	State	\$37,320	\$25,191	\$0	\$0
JUNHSF	Utilities - Water System	MF 2	1	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
JUNHSF	Fire Protection - Extingu	MF 2	3	each	4	good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
JUNHSF	Component - Other (see	MF 2	28	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNHSF	Piling	MG 1	2	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
JUNHSF	Float Structure (Deck)	MG 1	45	lin ft	4	good	\$12,420	\$8,384	State	\$12,420	\$8,384	\$0	\$0
JUNHSF	Pile Guides (Standard)	MG 1	2	each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0
JUNHSF	Utilities-Light Distribution	MG 1	1	each	4	good	\$2,700	\$1,823	State	\$2,700	\$1,823	\$0	\$0
JUNTKU	Piling	MF 1	4	each	5	new	\$7,200	\$6,480	State	\$7,200	\$6,480	\$0	\$0
JUNTKU	Piling	MF 1	1	each	3	fair	\$1,800	\$810	State	\$1,800	\$810	\$900	\$1,578
JUNTKU	Float Structure (Deck)	MF 1	260	lin ft	5	new	\$39,000	\$35,100	State	\$39,000	\$35,100	\$0	\$0
JUNTKU	Float Hinges (Standard)	MF 1	12	each	5	new	\$4,800	\$4,320	State	\$4,800	\$4,320	\$0	\$0
JUNTKU	Float Hinges (Standard)	MF 1	4	each	5	new	\$1,600	\$1,440	State	\$1,600	\$1,440	\$0	\$0
JUNTKU	Pile Guides (Standard)	MF 1	4	each	5	new	\$1,600	\$1,440	State	\$1,600	\$1,440	\$0	\$0
JUNTKU	Pile Guides (Standard)	MF 1	1	each	3	fair	\$400	\$180	State	\$400	\$180	\$200	\$351
JUNTKU	Component - Other (see	MF 1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNTKU	Component - Other (see	MF 1	1	each	2	poor	\$0	\$0	Other	\$0	\$0	\$0	\$0
JUNTKU	Component - Other (see	MF 1	2	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0
JUNTKU	Piling	MF 2	2	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
JUNTKU	Piling	MF 2	2	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
JUNTKU	Float Structure (Deck)	MF 2	100	lin ft	3	fair	\$25,000	\$11,250	State	\$25,000	\$11,250	\$12,500	\$21,913
JUNTKU	Float Hinges (Standard)	MF 2	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
JUNTKU	Pile Guides (Standard)	MF 2	4	each	4	good	\$1,600	\$1,080	State	\$1,600	\$1,080	\$0	\$0
JUNTKU	Piling	MF 3	4	each	3	fair	\$7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$8,311
JUNTKU	Piling	MF 3	4	each	4	good	\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
JUNTKU	Float Structure (Deck)	MF 3	200	lin ft	4	good	\$50,000	\$33,750	State	\$50,000	\$33,750	\$0	\$0
JUNTKU	Float Hinges (Standard)	MF 3	4	each	3	fair	\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,402
JUNTKU	Pile Guides (Standard)	MF 3	8	each	4	good	\$3,200	\$2,160	State	\$3,200	\$2,160	\$0	\$0
							\$17,648,626	\$10,292,950		\$11,777,536	\$6,337,999	\$3,615,050	\$6,337,183

Schedule of Costs

ID	Item	Feet Ext	Quantity	Unit	Condition	Description	Owner			State Only			
							Estimated Replacement Cost	In-Place Value	"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
							Estimated Replacement Cost	In-Place Value	"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
	Subtotal Auke Bay Harbor						\$4,297,890	\$2,774,576		\$4,292,990	\$2,771,201	\$280,847	\$492,325
	Subtotal Aurora Harbor						\$9,026,860	\$5,618,672		\$3,194,730	\$1,682,378	\$1,052,178	\$1,844,468
	Subtotal Douglas Dock						\$606,950	\$273,083		\$591,650	\$266,198	\$295,925	\$518,757
	Subtotal Douglas Harbor						\$848,288	\$384,610		\$841,288	\$382,360	\$412,244	\$722,664
	Subtotal Harris Harbor						\$2,392,398	\$916,970		\$2,378,738	\$910,823	\$1,551,856	\$2,720,404
	Subtotal Seaplane Float in Harris Harbor						\$317,940	\$214,610		\$317,940	\$214,610	\$0	\$0
	Subtotal Taku Harbor						\$160,200	\$110,430		\$160,200	\$110,430	\$22,000	\$38,566
							\$17,648,626	\$10,292,950		\$11,777,536	\$6,337,999	\$3,615,050	\$6,337,183

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN and ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

3132 CHANNEL DRIVE
JUNEAU, ALASKA 99801-7898
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December 15, 1999

Lori Kolanko, Harbormaster
City of Ketchikan
334 Front Street
Ketchikan, AK 99901

Dear Ms. Kolanko:

We have had several discussions over the last several years about the possibility of Ketchikan taking over ownership of the state owned harbors in the area. We updated our condition surveys based on our discussions and your areas of concern. After taking into consideration those issues and the overall condition of all state owned facilities in Ketchikan, I have enclosed the estimate of \$7,000.0 (thousands) to bring state owned facilities up to good condition.

The Department believes this is a fair and reasonable estimate to address deferred maintenance and bring state owned facilities to a condition suitable for transfer to the City. The Department is preparing these estimates for deferred maintenance projects and transfer should the Legislature chooses to appropriate funds for that purpose.

If you have any questions please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosures (1)

cc: Robert Martin, Regional Director
Michael Downing, P.E., Statewide Design and Engineering Services Director

Summary Information

Introduction:

The Ketchikan Harbors are operated by the City of Ketchikan through an agreement with the Department. The total capacity of the harbor is approximately 904 vessels. The Ketchikan harbors include the Bar Harbor North (303), Bar Harbor South (520), City Float (45), Hole-In-The-Wall (27), Knudsen Cove (54). Upland facilities, the harbormaster office, City Float, and grid 3 in Thomas Basin are owned by the City of Ketchikan.

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 Ketchikan Harbor was surveyed in June 1992. The Facilities were visited again on May 19-21, 1997, and May 11, 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 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 relocation of utilities.

Summary of Estimate:

The conditions found, the proposed state action, and the estimate to bring the State owned Ketchikan Harbor 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 Ketchikan Harbor including grid 3, uplands, and City Float.	\$	14,033,103
In-place Value of all features (State and Local) at current conditions.	\$	7,585,506
Condition of all features (State and Local) as a percentage of Inventoried Replacement Value of all features.		54.1%
Inventoried Replacement Value of State Facilities and Features.	\$	13,143,268
In-place Value of State facilities and features.	\$	7,084,969
Condition of State facilities and features as a percentage of Replacement Value of State facilities and features.		53.9%
Cost Estimate to fund proposed State action.	\$	6,999,562
Proposed condition of State features as a percentage of Inventoried Replacement Value at completion of program.		84.3%

Subtotals Ketchikan Harbors

Bar Harbor North	\$521,612
Bar Harbor South	\$3,912,704
City Float	\$0
Hole in Wall	\$86,274
Knudson's Cove	\$419,497
Ryus Float	\$0
<u>Thomas Basin</u>	<u>\$2,059,475</u>
Total Ketchikan Harbors	\$6,999,562

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. Less than six years life remaining.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed, at approximate its half life at exposure and service conditions. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal deterioration. Approximately 50% of in-place value remaining.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under 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.

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	14.3%	1.5% inflation to 2001, 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.

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ID	Feature	Item	Feal Ext	Quantity	Unit	Con ditio n	Desc.	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
KETBHN	Approach & Gangwa Docking (for fixed structures)		AG	3	74 lin ft	4	good	\$29,600	\$19,980	State	\$29,600	\$19,980	\$0	\$0
KETBHN	Approach & Gangwa Railing		AG	3	155 lin ft	3	fair	\$3,875	\$1,744	State	\$3,875	\$1,744	\$1,938	\$3,396
KETBHN	Approach & Gangwa Abutment		AG	3	1 each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
KETBHN	Approach & Gangwa Piling		AG	3	4 each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
KETBHN	Approach & Gangwa Support Structure		AG	3	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Gangway Deck/Skid		AG	3	1 each	4	good	\$3,500	\$2,363	State	\$3,500	\$2,363	\$0	\$0
KETBHN	Approach & Gangwa Gangway Hinge (top)		AG	3	2 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Gangway Railing		AG	3	140 lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Gangway Support Structure		AG	3	1 each	3	fair	\$21,000	\$9,450	State	\$21,000	\$9,450	\$10,500	\$18,407
KETBHN	Approach & Gangwa Gangway Toe (bottom)		AG	3	1 each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Utilities-Light Distribution System		AG	3	1 each	4	good	\$7,870	\$5,177	State	\$7,870	\$5,177	\$0	\$0
KETBHN	Approach & Gangwa Utilities - Power System (general)		AG	3	2 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Utility System -Other(see comments)		AG	3	1 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Disposal - Waste Oil Containers		AG	3	250 gal	3	fair	\$1,250	\$563	State	\$1,250	\$563	\$625	\$* 98
KETBHN	Approach & Gangwa Disposal - Solid Waste Containers		AG	3	258 cu ft	4	good	\$2,560	\$1,728	State	\$2,560	\$1,728	\$0	\$0
KETBHN	Approach & Gangwa Fire - Hydrant System (general)		AG	3	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Docking (for fixed structures)		AG	4	60 lin ft	4	good	\$24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0
KETBHN	Approach & Gangwa Railing		AG	4	120 lin ft	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
KETBHN	Approach & Gangwa Abutment		AG	4	1 each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
KETBHN	Approach & Gangwa Piling		AG	4	6 each	4	good	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
KETBHN	Approach & Gangwa Support Structure		AG	4	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Gangway Deck/Skid		AG	4	1 each	4	good	\$3,250	\$2,194	State	\$3,250	\$2,194	\$0	\$0
KETBHN	Approach & Gangwa Gangway Hinge (top)		AG	4	2 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Gangway Railing		AG	4	130 lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Gangway Support Structure		AG	4	1 each	4	good	\$19,500	\$13,163	State	\$19,500	\$13,163	\$0	\$0
KETBHN	Approach & Gangwa Gangway Toe (bottom)		AG	4	1 each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Utilities-Light Distribution System		AG	4	1 each	3	fair	\$6,425	\$2,891	State	\$6,425	\$2,891	\$3,213	\$5,632
KETBHN	Approach & Gangwa Utility System -Other(see comments)		AG	4	1 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Approach & Gangwa Disposal - Waste Oil Containers		AG	4	250 gal	4	good	\$1,250	\$844	State	\$1,250	\$844	\$0	\$0
KETBHN	Approach & Gangwa Disposal - Solid Waste Containers		AG	4	256 cu ft	4	good	\$2,560	\$1,728	State	\$2,560	\$1,728	\$0	\$0
KETBHN	Approach & Gangwa Fire - Hydrant System (general)		AG	4	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Grid	Ladders	G		1 each	1	failed	\$500	\$0	State	\$500	\$0	\$500	\$877
KETBHN	Grid	Ladders	G		2 each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
KETBHN	Grid	Railing	G		108 lin ft	4	good	\$2,700	\$1,823	State	\$2,700	\$1,823	\$0	\$0
KETBHN	Grid	Top Beams	G		13 each	4	good	\$7,800	\$5,265	State	\$7,800	\$5,265	\$0	\$0
KETBHN	Grid	Bearing Piles	G		each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Grid	Breasting Piles	G		32 each	4	good	\$64,000	\$43,200	State	\$64,000	\$43,200	\$0	\$0
KETBHN	Grid	Catwalks	G		96 each	4	good	\$3,317,760	\$2,239,488	State	\$3,317,760	\$2,239,488	\$0	\$0
KETBHN	Grid	Utilities - Power System (general)	G		1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Grid	Utilities - Water System (general)	G		1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0

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KETBHN	Gangway Float	Float Structure (Deck)	GF 3	22 lin ft	3	fair	\$11,550	\$5,198	State	\$11,550	\$5,198	\$5,775	\$10,124
KETBHN	Gangway Float	Utilities - Power System (floats)	GF 3	1 each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
KETBHN	Gangway Float	Fire Protection - Extinguishers	GF 3	1 each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
KETBHN	Gangway Float	Component - Other (see comments)	GF 3	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Gangway Float	Component - Other (see comments)	GF 3	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Gangway Float	Gangway Hinge (top)	GF 4	4 each	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
KETBHN	Gangway Float	Float Structure (Deck)	GF 4	20 lin ft	2	poor	\$11,200	\$2,520	State	\$11,200	\$2,520	\$11,200	\$19,634
KETBHN	Gangway Float	Utilities - Power System (general)	GF 4	1 each	1	failed	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Gangway Float	Utilities - Water System (general)	GF 4	1 each	1	failed	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Gangway Float	Fire Protection - Other (see comm.)	GF 4	1	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Gangway Float	Component - Other (see comments)	GF 4	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Launch Ramp	Piling	LR	3 each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
KETBHN	Launch Ramp	Pile Guides (Standard)	LR	3 each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
KETBHN	Launch Ramp	Ramp Length	LR	185 lin ft	4	good	\$55,500	\$37,463	State	\$55,500	\$37,463	\$0	\$0
KETBHN	Launch Ramp	Ramp Float	LR	180 each	5	new	\$24,840	\$22,356	State	\$24,840	\$22,356	\$0	\$0
KETBHN	Launch Ramp	Utilities-Light Distribution System	LR	1 each	4	good	\$5,400	\$3,645	State	\$5,400	\$3,645	\$0	\$0
KETBHN	Mocrage Basin	Retaining Walls	MB	112 lin ft	4	good	\$134,400	\$90,720	State	\$134,400	\$90,720	\$0	\$0
KETBHN	Main Float	Piling	MF 10	17 each	4	good	\$40,800	\$27,540	State	\$40,800	\$27,540	\$0	\$0
KETBHN	Main Float	Piling	MF 10	9 each	4	good	\$16,200	\$10,935	State	\$16,200	\$10,935	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 10	307 lin ft	4	good	\$92,100	\$62,168	State	\$92,100	\$62,168	\$0	\$0
KETBHN	Main Float	Float Hinges (Heavy Duty)	MF 10	2 each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 10	26 each	4	good	\$13,000	\$8,775	State	\$13,000	\$8,775	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF 10	6 each	4	good	\$31,104	\$20,995	State	\$31,104	\$20,995	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF 10	5 each	4	good	\$41,850	\$28,249	State	\$41,850	\$28,249	\$0	\$0
KETBHN	Main Float	Utilities-Light Distribution System	MF 10	1 each	4	good	\$28,860	\$19,481	State	\$28,860	\$19,481	\$0	\$0
KETBHN	Main Float	Utilities - Power System (floats)	MF 10	1 each	4	good	\$11,000	\$7,425	State	\$11,000	\$7,425	\$0	\$0
KETBHN	Main Float	Utilities - Water System (floats)	MF 10	1 each	4	good	\$3,300	\$2,228	State	\$3,300	\$2,228	\$0	\$0
KETBHN	Main Float	Utility System - Other (see comments)	MF 10	1 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Main Float	Piling	MF 10T	4 each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 10T	125 lin ft	4	good	\$46,875	\$31,641	State	\$46,875	\$31,641	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 10T	4 each	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
KETBHN	Main Float	Piling	MF 11	11 each	4	good	\$26,400	\$17,820	State	\$26,400	\$17,820	\$0	\$0
KETBHN	Main Float	Piling	MF 11	5 each	4	good	\$9,000	\$6,075	State	\$9,000	\$6,075	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 11	260 lin ft	4	good	\$62,400	\$42,120	State	\$62,400	\$42,120	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 11	16 each	4	good	\$8,000	\$5,400	State	\$8,000	\$5,400	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF 11	10 each	4	good	\$48,600	\$32,805	State	\$48,600	\$32,805	\$0	\$0
KETBHN	Main Float	Finger Float Hinges (Heavy Duty)	MF 11	12 each	4	good	\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
KETBHN	Main Float	Utilities-Light Distribution System	MF 11	1 each	4	good	\$9,400	\$13,095	State	\$19,400	\$13,095	\$0	\$0
KETBHN	Main Float	Utilities - Power System (floats)	MF 11	1 each	4	good	\$10,000	\$6,750	State	\$10,000	\$6,750	\$0	\$0
KETBHN	Main Float	Utilities - Water System (floats)	MF 11	1 each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
KETBHN	Main Float	Utility System - Other (see comments)	MF 11	1 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Main Float	Piling	MF 11T	4 each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 11T	104 lin ft	4	good	\$24,960	\$16,848	State	\$24,960	\$16,848	\$0	\$0
KETBHN	Main Float	Float Hinges (Heavy Duty)	MF 11T	2 each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0

KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 11T	4	each	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
KETBHN	Main Float	Piling	MF 12	12	each	4	good	\$28,800	\$19,440	State	\$28,800	\$19,440	\$0	\$0
KETBHN	Main Float	Piling	MF 12	7	each	4	good	\$12,600	\$8,505	State	\$12,600	\$8,505	\$0	\$0
KETBHN	Main Float	Piling	MF 12	2	each	4	good	\$6,400	\$4,320	State	\$6,400	\$4,320	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 12	320	lin ft	4	good	\$76,800	\$51,840	State	\$76,800	\$51,840	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 12	21	each	4	good	\$10,500	\$7,088	State	\$10,500	\$7,088	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF 12	14	each	4	good	\$45,360	\$30,618	State	\$45,360	\$30,618	\$0	\$0
KETBHN	Main Float	Finger Float Hinges (Heavy Duty)	MF 12	21	each	3	fair	\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,044
KETBHN	Main Float	Utilities-Light Distribution System	MF 12	1	each	4	good	\$21,200	\$14,310	State	\$21,200	\$14,310	\$0	\$0
KETBHN	Main Float	Utilities - Power System (floats)	MF 12	1	each	4	good	\$14,000	\$9,450	State	\$14,000	\$9,450	\$0	\$0
KETBHN	Main Float	Utilities - Water System (floats)	MF 12	1	each	4	good	\$4,200	\$2,835	State	\$4,200	\$2,835	\$0	\$0
KETBHN	Main Float	Utility System -Other(see comments)	MF 12	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Main Float	Piling	MF 12T	5	each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 12T	88	lin ft	4	good	\$21,120	\$14,256	State	\$21,120	\$14,256	\$0	\$0
KETBHN	Main Float	Float Hinges (Heavy Duty)	MF 12T	2	each	2	poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,104
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 12T	4	each	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
KETBHN	Main Float	Piling	MF 13	3	each	4	good	\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
KETBHN	Main Float	Piling	MF 13	18	each	4	good	\$32,400	\$21,870	State	\$32,400	\$21,870	\$0	\$0
KETBHN	Main Float	Piling	MF 13	2	each	4	good	\$6,400	\$4,320	State	\$6,400	\$4,320	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 13	320	lin ft	3	fair	\$76,800	\$34,560	State	\$76,800	\$34,560	\$38,400	\$67,315
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 13	21	each	4	good	\$10,500	\$7,088	State	\$10,500	\$7,088	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF 13	12	each	4	good	\$38,880	\$26,244	State	\$38,880	\$26,244	\$0	\$0
KETBHN	Main Float	Finger Float Hinges (Heavy Duty)	MF 13	24	each	4	good	\$14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
KETBHN	Main Float	Utilities-Light Distribution System	MF 13	1	each	4	good	\$20,000	\$13,500	State	\$20,000	\$13,500	\$0	\$0
KETBHN	Main Float	Utilities - Power System (floats)	MF 13	1	each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
KETBHN	Main Float	Utilities - Water System (floats)	MF 13	1	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
KETBHN	Main Float	Utility System -Other(see comments)	MF 13	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Main Float	Piling	MF 13T	3	each	4	good	\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
KETBHN	Main Float	Piling	MF 13T	2	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 13T	88	lin ft	4	good	\$21,120	\$14,256	State	\$21,120	\$14,256	\$0	\$0
KETBHN	Main Float	Float Hinges (Heavy Duty)	MF 13T	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 13T	5	each	4	good	\$2,500	\$1,688	State	\$2,500	\$1,688	\$0	\$0
KETBHN	Main Float	Piling	MF 14	4	each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
KETBHN	Main Float	Piling	MF 14	2	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
KETBHN	Main Float	Piling	MF 14	4	each	4	good	\$12,800	\$8,640	State	\$12,800	\$8,640	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 14	272	lin ft	3	fair	\$65,280	\$29,376	State	\$65,280	\$29,376	\$32,640	\$57,218
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF 14	8	each	4	good	\$4,000	\$2,700	State	\$4,000	\$2,700	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF 14	10	each	4	good	\$38,880	\$26,244	State	\$38,880	\$26,244	\$0	\$0
KETBHN	Main Float	Utilities-Light Distribution System	MF 14	1	each	4	good	\$18,080	\$12,204	State	\$18,080	\$12,204	\$0	\$0
KETBHN	Main Float	Utilities - Power System (floats)	MF 14	1	each	4	good	\$16,000	\$10,800	State	\$16,000	\$10,800	\$0	\$0
KETBHN	Main Float	Utilities - Water System (floats)	MF 14	1	each	4	good	\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0
KETBHN	Main Float	Utility System -Other(see comments)	MF 14	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Main Float	Piling	MF 14T	2	each	4	good	\$6,400	\$4,320	State	\$6,400	\$4,320	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF 14T	64	lin ft	3	fair	\$15,360	\$6,912	State	\$15,360	\$6,912	\$7,680	\$13,463

KETBHN	Main Float	Float Hinges (Heavy Duty)	MF	14T	2 each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF	14T	2 each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
KETBHN	Main Float	Piling	MF	15	7 each	4	good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0
KETBHN	Main Float	Piling	MF	15	1 each	4	good	\$3,200	\$2,160	State	\$3,200	\$2,160	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF	15	272 lin ft	3	fair	\$65,280	\$29,378	State	\$65,280	\$29,376	\$32,640	\$57,218
KETBHN	Main Float	Float Hinges (Heavy Duty)	MF	15	2 each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF	15	8 each	4	good	\$4,000	\$2,700	State	\$4,000	\$2,700	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF	15	18 each	4	good	\$38,880	\$26,244	State	\$38,880	\$26,244	\$0	\$0
KETBHN	Main Float	Finger Float Hinges (Heavy Duty)	MF	15	1 each	3	fair	\$600	\$270	State	\$600	\$270	\$300	\$526
KETBHN	Main Float	Finger Float Hinges (Heavy Duty)	MF	15	15 each	4	good	\$9,000	\$6,075	State	\$9,000	\$6,075	\$0	\$0
KETBHN	Main Float	Utilities-Light Distribution System	MF	15	1 each	4	good	\$18,080	\$12,204	State	\$18,080	\$12,204	\$0	\$0
KETBHN	Main Float	Utilities - Power System (floats)	MF	15	1 each	4	good	\$16,000	\$10,800	State	\$16,000	\$10,800	\$0	\$0
KETBHN	Main Float	Utilities - Water System (floats)	MF	15	1 each	4	good	\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0
KETBHN	Main Float	Utility System - Other (see comments)	MF	15	1 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Main Float	Piling	MF	15T	2 each	4	good	\$6,400	\$4,320	State	\$6,400	\$4,320	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF	15T	64 lin ft	4	good	\$13,440	\$9,072	State	\$13,440	\$9,072	\$0	\$0
KETBHN	Main Float	Float Hinges (Heavy Duty)	MF	15T	2 each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF	15T	2 each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
KETBHN	Main Float	Piling	MF	16	13 each	4	good	\$31,200	\$21,060	State	\$31,200	\$21,060	\$0	\$0
KETBHN	Main Float	Piling	MF	16	4 each	4	good	\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
KETBHN	Main Float	Piling	MF	16	4 each	4	good	\$12,800	\$8,640	State	\$12,800	\$8,640	\$0	\$0
KETBHN	Main Float	Float Structure (Deck)	MF	16	276 lin ft	4	good	\$107,640	\$72,657	State	\$107,640	\$72,657	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF	16	18 each	4	good	\$8,000	\$5,400	State	\$8,000	\$5,400	\$0	\$0
KETBHN	Main Float	Pile Guides (Heavy Duty)	MF	16	2 each	4	good	\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF	16	6 each	4	good	\$11,664	\$7,873	State	\$11,664	\$7,873	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF	16	30 each	4	good	\$82,800	\$55,890	State	\$82,800	\$55,890	\$0	\$0
KETBHN	Main Float	Finger (or Stall) Floats	MF	16	30 each	3	fair	\$207,000	\$93,150	State	\$207,000	\$93,150	\$103,500	\$181,436
KETBHN	Main Float	Finger Float Hinges (Heavy Duty)	MF	16	6 each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
KETBHN	Main Float	Utilities-Light Distribution System	MF	16	1 each	4	good	\$83,100	\$56,093	State	\$83,100	\$56,093	\$0	\$0
KETBHN	Main Float	Utilities - Power System (floats)	MF	16	1 each	3	fair	\$66,000	\$29,700	State	\$66,000	\$29,700	\$33,000	\$57,849
KETBHN	Main Float	Utilities - Water System (floats)	MF	16	1 each	4	good	\$19,800	\$13,365	State	\$19,800	\$13,365	\$0	\$0
KETBHN	Main Float	Utility System - Other (see comments)	MF	16	1 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Marginal Float	Piling	MG	17	25 each	4	good	\$45,000	\$30,375	State	\$45,000	\$30,375	\$0	\$0
KETBHN	Marginal Float	Float Structure (Deck)	MG	17	944 lin ft	4	good	\$254,880	\$172,044	State	\$254,880	\$172,044	\$0	\$0
KETBHN	Marginal Float	Pile Guides (Heavy Duty)	MG	17	25 each	4	good	\$12,500	\$8,438	State	\$12,500	\$8,438	\$0	\$0
KETBHN	Marginal Float	Finger (or Stall) Floats	MG	17	28 each	4	good	\$45,360	\$30,618	State	\$45,360	\$30,618	\$0	\$0
KETBHN	Marginal Float	Finger (or Stall) Floats	MG	17	1 each	1	failed	\$1,944	\$0	State	\$1,944	\$0	\$1,944	\$3,408
KETBHN	Marginal Float	Finger (or Stall) Floats	MG	17	11 each	4	good	\$21,384	\$14,434	State	\$21,384	\$14,434	\$0	\$0
KETBHN	Marginal Float	Utilities-Light Distribution System	MG	17	1 each	4	good	\$59,920	\$40,446	State	\$59,920	\$40,446	\$0	\$0
KETBHN	Marginal Float	Utilities - Power System (floats)	MG	17	1 each	4	good	\$40,000	\$27,000	State	\$40,000	\$27,000	\$0	\$0
KETBHN	Marginal Float	Utilities - Water System (floats)	MG	17	1 each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
KETBHN	Marginal Float	Fire - Hydrant System (floats)	MG	17	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Upland Facilities	Facilities - Harbor Office	UF		1008 sq ft	4	good	\$100,800	\$68,040	State	\$100,800	\$68,040	\$0	\$0
KETBHN	Upland Facilities	Facilities - Restrooms	UF		2 each	3	fair	\$10,000	\$4,500	State	\$10,000	\$4,500	\$5,000	\$8,769

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KETBHN	Upland Facilities	Facilities - Showers	UF	1	each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
KETBHN	Upland Facilities	Facilities - Parking (by stall)	UF	12	stalls	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Upland Facilities	Facilities - Other (see comments)	UF	3	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHN	Upland Facilities	Facilities - Other (see comments)	UF	1	other	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Railing		AG	1	50 lin ft	4	good	\$1,750	\$1,181	State	\$1,750	\$1,181	\$0	\$0
KETBHS	Approach & Gangway Abutment		AG	1	1 each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
KETBHS	Approach & Gangway Gangway Deck/Skid		AG	1	1 each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,630
KETBHS	Approach & Gangway Gangway Hinge (top)		AG	1	2 each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Gangway Railing		AG	1	100 lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Gangway Support Structure		AG	1	1 each	3	fair	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$15,777
KETBHS	Approach & Gangway Gangway Toe (bottom)		AG	1	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Utility System - Other (see comments)		AG	1	2 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Disposal - Other (see comments)		AG	1	4 other	3	fair	\$40	\$18	State	\$40	\$18	\$20	\$35
KETBHS	Approach & Gangway Decking (for fixed structures)		AG	2	300 lin ft	2	poor	\$168,000	\$37,800	State	\$168,000	\$37,800	\$168,000	\$294,504
KETBHS	Approach & Gangway Docking (for fixed structures)		AG	2	70 lin ft	3	fair	\$50,000	\$25,200	State	\$50,000	\$25,200	\$28,000	\$49,084
KETBHS	Approach & Gangway Railing		AG	2	12 lin ft	1	failed	\$300	\$0	State	\$300	\$0	\$300	\$526
KETBHS	Approach & Gangway Railing		AG	2	468 lin ft	3	fair	\$11,700	\$5,265	State	\$11,700	\$5,265	\$5,850	\$10,255
KETBHS	Approach & Gangway Abutment		AG	2	1 each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
KETBHS	Approach & Gangway Piling		AG	2	100 each	4	good	\$240,000	\$162,000	State	\$240,000	\$162,000	\$0	\$0
KETBHS	Approach & Gangway Cross Braces		AG	2	22 each	1	failed	\$4,400	\$0	State	\$4,400	\$0	\$4,400	\$7,713
KETBHS	Approach & Gangway Cross Braces		AG	2	34 each	3	fair	\$6,800	\$3,060	State	\$6,800	\$3,060	\$3,400	\$5,960
KETBHS	Approach & Gangway Support Structure		AG	2	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Gangway Deck/Skid		AG	2	1 each	3	fair	\$3,960	\$1,782	State	\$3,960	\$1,782	\$1,980	\$3,471
KETBHS	Approach & Gangway Gangway Hinge (top)		AG	2	2 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Gangway Railing		AG	2	132 lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Gangway Support Structure		AG	2	1 each	4	good	\$23,760	\$16,038	State	\$23,760	\$16,038	\$0	\$0
KETBHS	Approach & Gangway Gangway Toe (bottom)		AG	2	1 each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Utilities - Light Distribution System		AG	2	1 each	4	good	\$57,980	\$39,137	State	\$57,980	\$39,137	\$0	\$0
KETBHS	Approach & Gangway Utilities - Power System (general)		AG	2	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Utility System - Other (see comments)		AG	2	2 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Approach & Gangway Disposal - Waste Oil Containers		AG	2	450 gal	4	good	\$2,250	\$1,519	State	\$2,250	\$1,519	\$0	\$0
KETBHS	Approach & Gangway Disposal - Solid Waste Containers		AG	2	3 cu ft	3	fair	\$30	\$14	State	\$30	\$14	\$15	\$26
KETBHS	Approach & Gangway Fire - Hydrant System (general)		AG	2	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Gangway Float	Float Structure (Deck)	GF	1	20 lin ft	2	poor	\$7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,822
KETBHS	Gangway Float	Utilities - Water System (floats)	GF	1	1 each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Gangway Float	Utility System - Other (see comments)	GF	1	1 other	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Gangway Float	Fire - Hydrant System (floats)	GF	1	1 each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Gangway Float	Fire Protection - Other (see comments)	GF	1	1	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Gangway Float	Component - Other (see comments)	GF	1	1 each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF	2	9 each	2	poor	\$16,200	\$3,645	State	\$16,200	\$3,645	\$16,200	\$28,399
KETBHS	Main Float	Float Structure (Deck)	MF	2	337 lin ft	2	poor	\$67,400	\$15,165	State	\$67,400	\$15,165	\$67,400	\$118,152
KETBHS	Main Float	Float Hinges (Standard)	MF	2	2 each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETBHS	Main Float	Pile Guides (Standard)	MF	2	9 each	2	poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,311
KETBHS	Main Float	Utilities - Light Distribution System	MF	2	1 each	2	poor	\$13,480	\$3,033	State	\$13,480	\$3,033	\$13,480	\$23,630

KETBHS	Main Float	Utilities - Power System (floats)	MF 2	1 each	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Utilities - Water System (floats)	MF 2	1 each	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Fire Protection - Other (see comm.)	MF 2	1	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF 3	8 each	2 poor	\$14,400	\$3,240	State	\$14,400	\$3,240	\$14,400	\$25,243
KETBHS	Main Float	Float Structure (Deck)	MF 3	362 lin ft	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Float Hinges (Standard)	MF 3	2 each	2 poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETBHS	Main Float	Pile Guides (Standard)	MF 3	3 each	2 poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,104
KETBHS	Main Float	Pile Guides (Standard)	MF 3	5 each	2 poor	\$2,000	\$450	State	\$2,000	\$450	\$2,000	\$3,506
KETBHS	Main Float	Finger (or Stall) Floats	MF 3	37 each	2 poor	\$43,401	\$9,765	State	\$43,401	\$9,765	\$43,401	\$76,082
KETBHS	Main Float	Utilities-Light Distribution System	MF 3	1 each	2 poor	\$20,295	\$4,566	State	\$20,295	\$4,566	\$20,295	\$35,577
KETBHS	Main Float	Utilities - Power System (floats)	MF 3	1 each	2 poor	\$37,000	\$8,325	State	\$37,000	\$8,325	\$37,000	\$64,861
KETBHS	Main Float	Fire Protection - Other (see comm.)	MF 3	1	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF 4	10 each	2 poor	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$31,554
KETBHS	Main Float	Float Structure (Deck)	MF 4	412 lin ft	2 poor	\$61,000	\$13,905	State	\$61,800	\$13,905	\$61,800	\$108,335
KETBHS	Main Float	Float Hinges (Standard)	MF 4	2 each	2 poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETBHS	Main Float	Pile Guides (Standard)	MF 4	1 each	2 poor	\$400	\$90	State	\$400	\$90	\$400	\$701
KETBHS	Main Float	Pile Guides (Standard)	MF 4	3 each	2 poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,104
KETBHS	Main Float	Pile Guides (Standard)	MF 4	6 each	2 poor	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,207
KETBHS	Main Float	Finger (or Stall) Floats	MF 4	31 each	2 poor	\$49,197	\$11,069	State	\$49,197	\$11,069	\$49,197	\$86,242
KETBHS	Main Float	Utilities-Light Distribution System	MF 4	1 each	2 poor	\$23,055	\$5,187	State	\$23,055	\$5,187	\$23,055	\$40,415
KETBHS	Main Float	Utilities - Power System (floats)	MF 4	1 each	2 poor	\$31,000	\$6,975	State	\$31,000	\$6,975	\$31,000	\$54,343
KETBHS	Main Float	Utility System -Other(see comments)	MF 4	1 other	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Fire Protection - Other (see comm.)	MF 4	1	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF 5	12 each	2 poor	\$21,600	\$4,860	State	\$21,600	\$4,860	\$21,600	\$37,865
KETBHS	Main Float	Float Structure (Deck)	MF 5	450 lin ft	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Float Hinges (Standard)	MF 5	2 each	2 poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETBHS	Main Float	Pile Guides (Standard)	MF 5	1 each	2 poor	\$400	\$90	State	\$400	\$90	\$400	\$701
KETBHS	Main Float	Pile Guides (Standard)	MF 5	2 each	2 poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETBHS	Main Float	Pile Guides (Standard)	MF 5	9 each	2 poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,311
KETBHS	Main Float	Finger (or Stall) Floats	MF 5	35 each	2 poor	\$57,960	\$13,041	State	\$57,960	\$13,041	\$57,960	\$101,604
KETBHS	Main Float	Utilities-Light Distribution System	MF 5	1 each	2 poor	\$20,100	\$5,873	State	\$26,100	\$5,873	\$26,100	\$45,753
KETBHS	Main Float	Utilities - Power System (floats)	MF 5	1 each	2 poor	\$35,000	\$7,875	State	\$35,000	\$7,875	\$35,000	\$61,355
KETBHS	Main Float	Utilities - Water System (floats)	MF 5	1 each	2 poor	\$10,500	\$2,363	State	\$10,500	\$2,363	\$10,500	\$18,407
KETBHS	Main Float	Utility System -Other(see comments)	MF 5	35 other	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Fire Protection - Other (see comm.)	MF 5	1	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF 6	13 each	2 poor	\$23,400	\$5,265	State	\$23,400	\$5,265	\$23,400	\$41,020
KETBHS	Main Float	Float Structure (Deck)	MF 6	500 lin ft	2 poor	\$125,000	\$28,125	State	\$125,000	\$28,125	\$125,000	\$219,125
KETBHS	Main Float	Float Hinges (Standard)	MF 6	2 each	2 poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETBHS	Main Float	Pile Guides (Standard)	MF 6	13 each	2 poor	\$5,200	\$1,170	State	\$5,200	\$1,170	\$5,200	\$9,116
KETBHS	Main Float	Finger (or Stall) Floats	MF 6	32 each	2 poor	\$94,208	\$21,197	State	\$94,208	\$21,197	\$94,208	\$165,147
KETBHS	Main Float	Utilities-Light Distribution System	MF 6	1 each	2 poor	\$45,480	\$10,233	State	\$45,480	\$10,233	\$45,480	\$79,726
KETBHS	Main Float	Utilities - Power System (floats)	MF 6	1 each	2 poor	\$32,000	\$7,200	State	\$32,000	\$7,200	\$32,000	\$56,096
KETBHS	Main Float	Utilities - Water System (floats)	MF 6	1 each	2 poor	\$9,600	\$2,160	State	\$9,600	\$2,160	\$9,600	\$16,829
KETBHS	Main Float	Utility System -Other(see comments)	MF 6	1 other	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0

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KETBHS	Main Float	Piling	MF 7	14	each	4	good	\$25,200	\$17,010	State	\$25,200	\$17,010	\$0	\$0
KETBHS	Main Float	Piling	MF 7	1	each	3	fair	\$2,800	\$1,260	State	\$2,800	\$1,260	\$1,400	\$2,454
KETBHS	Main Float	Float Structure (Deck)	MF 7	558	lin ft	4	good	\$167,400	\$112,995	State	\$107,400	\$112,995	\$0	\$0
KETBHS	Main Float	Float Hinges (Standard)	MF 7	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETBHS	Main Float	Pile Guides (Heavy Duty)	MF 7	15	each	3	fair	\$7,500	\$3,375	State	\$7,500	\$3,375	\$3,750	\$6,574
KETBHS	Main Float	Finger (or Stall) Floats	MF 7	14	each	4	good	\$34,020	\$22,964	State	\$34,020	\$22,964	\$0	\$0
KETBHS	Main Float	Utilities-Light Distribution System	MF 7	1	each	2	poor	\$34,200	\$7,695	State	\$34,200	\$7,695	\$34,200	\$54,953
KETBHS	Main Float	Utilities - Power System (floats)	MF 7	1	each	2	poor	\$14,000	\$3,150	State	\$14,000	\$3,150	\$14,000	\$24,542
KETBHS	Main Float	Utilities - Water System (floats)	MF 7	1	each	3	fair	\$4,200	\$1,890	State	\$4,200	\$1,890	\$2,100	\$3,681
KETBHS	Main Float	Utility System -Other(see comments)	MF 7	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF 8	25	each	2	poor	\$60,000	\$13,500	State	\$60,000	\$13,500	\$60,000	\$105,180
KETBHS	Main Float	Piling	MF 8	16	each	4	good	\$28,800	\$19,440	State	\$28,800	\$19,440	\$0	\$0
KETBHS	Main Float	Float Structure (Deck)	MF 8	594	lin ft	3	fair	\$142,560	\$64,152	State	\$142,560	\$64,152	\$71,280	\$124,954
KETBHS	Main Float	Float Hinges (Standard)	MF 8	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETBHS	Main Float	Pile Guides (Heavy Duty)	MF 8	41	each	2	poor	\$20,500	\$4,613	State	\$20,500	\$4,613	\$20,500	\$35,937
KETBHS	Main Float	Finger (or Stall) Floats	MF 8	14	each	3	fair	\$45,360	\$20,412	State	\$45,360	\$20,412	\$22,680	\$39,758
KETBHS	Main Float	Finger (or Stall) Floats	MF 8	11	each	3	fair	\$85,536	\$38,491	State	\$85,536	\$38,491	\$42,768	\$74,972
KETBHS	Main Float	Finger Float Hinges (Standard)	MF 8	2	each	2	poor	\$600	\$135	State	\$600	\$135	\$600	\$1,052
KETBHS	Main Float	Finger Float Hinges (Standard)	MF 8	23	each	4	good	\$6,900	\$4,658	State	\$6,900	\$4,658	\$0	\$0
KETBHS	Main Float	Utilities-Light Distribution System	MF 8	1	each	2	poor	\$48,000	\$10,800	State	\$48,000	\$10,800	\$48,000	\$84,144
KETBHS	Main Float	Utilities - Power System (floats)	MF 8	1	each	2	poor	\$25,000	\$5,625	State	\$25,000	\$5,625	\$25,000	\$43,825
KETBHS	Main Float	Utilities - Water System (floats)	MF 8	1	each	3	fair	\$7,500	\$3,375	State	\$7,500	\$3,375	\$3,750	\$6,574
KETBHS	Main Float	Utility System -Other(see comments)	MF 8	1	other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF 9	1	each	1	failed	\$2,400	\$0	State	\$2,400	\$0	\$2,400	\$4,207
KETBHS	Main Float	Piling	MF 9	3	each	2	poor	\$7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,622
KETBHS	Main Float	Piling	MF 9	9	each	4	good	\$21,600	\$14,580	State	\$21,600	\$14,580	\$0	\$0
KETBHS	Main Float	Piling	MF 9	36	each	3	fair	\$64,800	\$29,160	State	\$64,800	\$29,160	\$32,400	\$58,797
KETBHS	Main Float	Float Structure (Deck)	MF 9	534	lin ft	3	fair	\$213,600	\$96,120	State	\$213,600	\$96,120	\$106,800	\$187,220
KETBHS	Main Float	Float Hinges (Standard)	MF 9	1	each	2	poor	\$400	\$90	State	\$400	\$90	\$400	\$701
KETBHS	Main Float	Pile Guides (Standard)	MF 9	1	each	1	failed	\$400	\$0	State	\$400	\$0	\$400	\$701
KETBHS	Main Float	Pile Guides (Standard)	MF 9	1	each	2	poor	\$400	\$90	State	\$400	\$90	\$400	\$701
KETBHS	Main Float	Pile Guides (Standard)	MF 9	3	each	3	fair	\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,052
KETBHS	Main Float	Pile Guides (Standard)	MF 9	11	each	4	good	\$4,400	\$2,970	State	\$4,400	\$2,970	\$0	\$0
KETBHS	Main Float	Pile Guides (Standard)	MF 9	9	each	1	failed	\$3,600	\$0	State	\$3,600	\$0	\$3,600	\$6,311
KETBHS	Main Float	Pile Guides (Standard)	MF 9	14	each	2	poor	\$5,600	\$1,260	State	\$5,600	\$1,260	\$5,600	\$9,817
KETBHS	Main Float	Pile Guides (Standard)	MF 9	9	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
KETBHS	Main Float	Finger (or Stall) Floats	MF 9	3	each	2	poor	\$25,875	\$5,822	State	\$25,875	\$5,822	\$25,875	\$45,359
KETBHS	Main Float	Finger (or Stall) Floats	MF 9	5	each	3	fair	\$43,125	\$19,406	State	\$43,125	\$19,406	\$21,563	\$37,799
KETBHS	Main Float	Finger (or Stall) Floats	MF 9	1	each	3	fair	\$10,044	\$4,520	State	\$10,044	\$4,520	\$5,022	\$8,804
KETBHS	Main Float	Finger (or Stall) Floats	MF 9	7	each	3	fair	\$70,308	\$31,639	State	\$70,308	\$31,639	\$35,154	\$61,625
KETBHS	Main Float	Finger Float Hinges (Standard)	MF 9	3	each	1	failed	\$900	\$0	State	\$900	\$0	\$900	\$1,578
KETBHS	Main Float	Finger Float Hinges (Heavy Duty)	MF 9	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
KETBHS	Main Float	Utilities-Light Distribution System	MF 9	1	each	2	poor	\$72,600	\$16,335	State	\$72,600	\$16,335	\$72,600	\$127,268
KETBHS	Main Float	Utilities - Power System (floats)	MF 9	1	each	2	poor	\$16,000	\$3,600	State	\$16,000	\$3,600	\$16,000	\$28,048

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KETBHS	Main Float	Utilities - Water System (floats)	MF	9	1 each	2	poor	\$4,800	\$1,080	State	\$4,800	\$1,080	\$4,800	\$8,414
KETBHS	Main Float	Utility System -Other(see comments)	MF	9	17 other	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Fire Protection - Other (see comm.)	MF	9		0	0	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Main Float	Piling	MF	W	6 each	4	good	\$19,200	\$12,960	State	\$19,200	\$12,960	\$0	\$0
KETBHS	Main Float	Float Structure (Deck)	MF	W	75 lin ft	3	fair	\$93,750	\$42,188	State	\$93,750	\$42,188	\$46,875	\$82,172
KETBHS	Main Float	Pile Guides (Standard)	MF	W	6 each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
KETBHS	Main Float	Finger (or Stall) Floats	MF	W	4 each	4	good	\$8,832	\$5,962	State	\$8,832	\$5,962	\$0	\$0
KETBHS	Main Float	Component - Other (see comments)	MF	W	24 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Marginal Float	Piling	MG	1	1 each	2	poor	\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,155
KETBHS	Marginal Float	Piling	MG	1	14 each	2	poor	\$25,200	\$5,670	State	\$25,200	\$5,670	\$25,200	\$44,176
KETBHS	Marginal Float	Float Structure (Deck)	MG	1	741 lin ft	2	poor	\$170,430	\$38,347	State	\$170,430	\$38,347	\$170,430	\$298,764
KETBHS	Marginal Float	Pile Guides (Standard)	MG	1	2 each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETBHS	Marginal Float	Pile Guides (Standard)	MG	1	4 each	2	poor	\$1,600	\$360	State	\$1,600	\$360	\$1,600	\$2,805
KETBHS	Marginal Float	Pile Guides (Standard)	MG	1	9 each	2	poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,311
KETBHS	Marginal Float	Finger (or Stall) Floats	MG	1	1 each	2	poor	\$1,104	\$248	State	\$1,104	\$248	\$1,104	\$1,935
KETBHS	Marginal Float	Finger (or Stall) Floats	MG	1	4 each	2	poor	\$4,416	\$994	State	\$4,416	\$994	\$4,416	\$7,741
KETBHS	Marginal Float	Finger (or Stall) Floats	MG	1	24 each	2	poor	\$26,496	\$5,962	State	\$26,496	\$5,962	\$26,496	\$46,447
KETBHS	Marginal Float	Utilities-Light Distribution System	MG	1	1 each	2	poor	\$44,010	\$9,902	State	\$44,010	\$9,902	\$14,010	\$77,150
KETBHS	Marginal Float	Utilities - Power System (floats)	MG	1	1 each	2	poor	\$29,000	\$6,525	State	\$29,000	\$6,525	\$19,000	\$50,837
KETBHS	Marginal Float	Utilities - Water System (floats)	MG	1	1 each	2	poor	\$8,700	\$1,958	State	\$8,700	\$1,958	\$8,700	\$15,251
KETBHS	Marginal Float	Utility System -Other(see comments)	MG	1	8 other	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Marginal Float	Fire - Hydrant System (floats)	MG	1	1 each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Marginal Float	Fire Protection - Extinguishers	MG	1	1 each	2	poor	\$500	\$113	State	\$500	\$113	\$500	\$877
KETBHS	Marginal Float	Component - Other (see comments)	MG	1	2 each	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Marginal Float	Piling	MG	2	11 each	4	good	\$19,800	\$13,365	State	\$19,800	\$13,365	\$0	\$0
KETBHS	Marginal Float	Float Structure (Deck)	MG	2	361 lin ft	3	fair	\$83,030	\$37,364	State	\$83,030	\$37,364	\$41,515	\$72,776
KETBHS	Marginal Float	Float Hinges (Standard)	MG	2	2 each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0
KETBHS	Marginal Float	Pile Guides (Standard)	MG	2	1 each	2	poor	\$400	\$90	State	\$400	\$90	\$400	\$701
KETBHS	Marginal Float	Pile Guides (Standard)	MG	2	2 each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETBHS	Marginal Float	Pile Guides (Standard)	MG	2	8 each	4	good	\$3,200	\$2,160	State	\$3,200	\$2,160	\$0	\$0
KETBHS	Marginal Float	Finger (or Stall) Floats	MG	2	1 each	3	fair	\$552	\$248	State	\$552	\$248	\$276	\$484
KETBHS	Marginal Float	Finger (or Stall) Floats	MG	2	15 each	4	good	\$9,660	\$6,521	State	\$9,660	\$6,521	\$0	\$0
KETBHS	Marginal Float	Utilities-Light Distribution System	MG	2	1 each	4	good	\$20,270	\$13,682	State	\$20,270	\$13,682	\$0	\$0
KETBHS	Marginal Float	Utilities - Power System (floats)	MG	2	1 each	4	good	\$16,000	\$10,800	State	\$16,000	\$10,800	\$0	\$0
KETBHS	Marginal Float	Utilities - Water System (floats)	MG	2	1 each	4	good	\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0
KETBHS	Marginal Float	Utility System -Other(see comments)	MG	2	3 other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Marginal Float	Fire Protection - Other (see comm.)	MG	2	1	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETBHS	Upland Facilities	Facilities - Parking (by stall)	UF	PARK	50 stalls	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangway Decking (for fixed structures)	AG	1	22 lin ft	4	good	\$5,280	\$3,564	Other	\$0	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangway Railing	AG	1	56 lin ft	4	good	\$1,400	\$945	Other	\$0	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangway Piling	AG	1	4 each	4	good	\$14,400	\$9,720	Other	\$0	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangway Cross Braces	AG	1	2 each	1	failed	\$400	\$0	Other	\$0	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangway Cross Braces	AG	1	6 each	3	fair	\$1,200	\$540	Other	\$0	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangway Support Structure	AG	1	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0	\$0

KETCFT	Approach & Gangwa Gangway Deck/Skid	AG 1	1 each	3	fair	\$3,000	\$1,350	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Hinge (top)	AG 1	2 each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Railing	AG 1	100 lin ft	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Support Structure	AG 1	1 each	4	good	\$18,000	\$12,150	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Toe (bottom)	AG 1	1 each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Utility System - Other(see comments)	AG 1	1 other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Disposal - Solid Waste Containers	AG 1	4 cu ft	4	good	\$40	\$27	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Decking (for fixed structures)	AG 2	20 lin ft	4	good	\$4,800	\$3,240	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Railing	AG 2	32 lin ft	4	good	\$800	\$540	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Piling	AG 2	6 each	4	good	\$21,600	\$14,580	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Cross Braces	AG 2	1 each	1	failed	\$200	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Cross Braces	AG 2	7 each	4	good	\$1,400	\$945	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Support Structure	AG 2	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Deck/Skid	AG 2	1 each	4	good	\$960	\$648	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Deck/Skid	AG 2	1 each	4	good	\$1,440	\$972	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Hinge (top)	AG 2	2 each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Railing	AG 2	96 lin ft	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Support Structure	AG 2	1 each	4	good	\$14,400	\$9,720	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Gangway Toe (bottom)	AG 2	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Utility System - Other(see comments)	AG 2	3 other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Disposal - Waste Oil Containers	AG 2	20 cu ft	4	good	\$100	\$68	Other	\$0	\$0	\$0	\$0
KETCFT	Approach & Gangwa Disposal - Solid Waste Containers	AG 2	4 cu ft	4	good	\$40	\$27	Other	\$0	\$0	\$0	\$0
KETCFT	Gangway Float Piling	GF 2	1 each	4	good	\$2,700	\$1,823	Other	\$0	\$0	\$0	\$0
KETCFT	Gangway Float Float Structure (Deck)	GF 2	52 lin ft	3	fair	\$18,720	\$8,424	Other	\$0	\$0	\$0	\$0
KETCFT	Gangway Float Fire Protection - Extinguishers	GF 2	2 each	4	good	\$1,000	\$675	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Float Structure (Deck)	MF 1	175 lin ft	4	good	\$54,000	\$36,450	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities - Power System (floats)	MF 1	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities - Water System (floats)	MF 1	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Piling	MF 2	6 each	4	good	\$19,200	\$12,960	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Float Structure (Deck)	MF 2	238 lin ft	3	fair	\$59,500	\$26,775	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Pile Guides (Standard)	MF 2	6 each	4	good	\$2,400	\$1,620	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities-Light Distribution System	MF 2	1 each	4	good	\$11,900	\$8,033	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities - Power System (floats)	MF 2	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities - Water System (floats)	MF 2	6 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utility System - Other(see comments)	MF 2	1 other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Float Structure (Deck)	MF 3	250 lin ft	3	fair	\$75,000	\$33,750	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities-Light Distribution System	MF 3	1 each	4	good	\$15,000	\$10,125	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities - Power System (general)	MF 3	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utilities - Water System (floats)	MF 3	4 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Utility System - Other(see comments)	MF 3	1 other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Piling	MF 4	3 each	4	good	\$9,600	\$6,480	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Float Structure (Deck)	MF 4	150 lin ft	3	fair	\$37,500	\$16,875	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Float Hinges (Standard)	MF 4	2 each	4	good	\$800	\$540	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float Pile Guides (Standard)	MF 4	3 each	4	good	\$1,200	\$810	Other	\$0	\$0	\$0	\$0

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KETCFT	Main Float	Finger (or Stall) Floats	MF 4	6 each	4	good	\$11,040	\$7,452	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities-Light Distribution System	MF 4	1 each	4	good	\$9,900	\$6,683	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities - Power System (floats)	MF 4	8 each	4	good	\$6,000	\$4,050	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities - Water System (floats)	MF 4	6 each	4	good	\$1,800	\$1,215	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Component - Other (see comments)	MF 4	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Piling	MF 5	5 each	4	good	\$16,000	\$10,800	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Float Hinges (Standard)	MF 5	2 each	4	good	\$800	\$540	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Pile Guides (Standard)	MF 5	5 each	4	good	\$2,000	\$1,350	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities-Light Distribution System	MF 5	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities - Power System (floats)	MF 5	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities - Water System (floats)	MF 5	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Fire Protection - Extinguishers	MF 5	1 each	4	good	\$500	\$338	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Component - Other (see comments)	MF 5	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Piling	MF 6	6 each	4	good	\$19,200	\$12,960	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Float Structure (Deck)	MF 6	125 lin ft	4	good	\$37,500	\$25,313	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Float Hinges (Standard)	MF 8	2 each	4	good	\$800	\$540	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Pile Guides (Standard)	MF 6	6 each	4	good	\$2,400	\$1,620	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities-Light Distribution System	MF 8	1 each	4	good	\$7,500	\$5,063	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities - Power System (floats)	MF 6	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Utilities - Water System (floats)	MF 6	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Float Structure (Deck)	MF 7	6 lin ft	4	good	\$1,080	\$729	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Float Hinges (Standard)	MF 7	2 each	3	fair	\$800	\$360	Other	\$0	\$0	\$0	\$0
KETCFT	Main Float	Component - Other (see comments)	MF 7	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Piling	MG 1	1 each	4	good	\$1,800	\$1,215	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Piling	MG 1	6 each	4	good	\$16,200	\$10,935	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Float Structure (Deck)	MG 1	395 lin ft	3	fair	\$90,850	\$40,883	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Pile Guides (Standard)	MG 1	5 each	4	good	\$2,000	\$1,350	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Pile Guides (Standard)	MG 1	2 each	4	good	\$800	\$540	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Utilities-Light Distribution System	MG 1	1 each	3	fair	\$19,750	\$8,888	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Utilities - Power System (floats)	MG 1	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Utilities - Water System (floats)	MG 1	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Utility System - Other(see comments)	MG 1	2 other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Fire Protection - Other (see comm.)	MG 1	2	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Piling	MG 2	3 each	4	good	\$9,600	\$6,480	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Float Structure (Deck)	MG 2	108 lin ft	4	good	\$29,160	\$19,683	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Float Hinges (Standard)	MG 2	2 each	4	good	\$800	\$540	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Pile Guides (Standard)	MG 2	3 each	4	good	\$1,200	\$810	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Utilities-Light Distribution System	MG 2	1 each	4	good	\$5,400	\$3,645	Other	\$0	\$0	\$0	\$0
KETCFT	Marginal Float	Utilities - Power System (floats)	MG 2	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETCFT	Upland Facilities	Fire - Hydrant System (general)	UF	1 each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETHIW	Approach Float	Railing	AF	120 lin ft	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
KETHIW	Approach Float	Piling	AF	1 each	4	good	\$1,800	\$1,215	State	\$1,800	\$1,215	\$0	\$0
KETHIW	Approach Float	Float Structure (Deck)	AF	120 lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Approach Float	Float Hinges (Standard)	AF	6 each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0

KI THIW	Approach Float	Float Hinges (Standard)	AF	6	each	2	poor	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,207
KI THIW	Approach Float	Pile Guides (Standard)	AF	1	each	4	good	\$400	\$270	State	\$400	\$270	\$0	\$0
KE THIW	Approach Float	Utilities-Light Distribution System	AF	1	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
KE THIW	Approach & Gangwa	Abulment	AG	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
KETHIW	Approach & Gangwa	Gangway Deck/Skid	AG	1	each	3	fair	\$3,480	\$1,566	State	\$3,480	\$1,566	\$1,740	\$3,050
KETHIW	Approach & Gangwa	Gangway Railing	AG	116	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Approach & Gangwa	Gangway Support Structure	AG	1	each	4	good	\$20,880	\$14,094	State	\$20,880	\$14,094	\$0	\$0
KETHIW	Approach & Gangwa	Gangway Toe (bottom)	AG	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Breakwater	Log Bundle	BW 1	130	lin ft	4	good	\$65,000	\$43,875	State	\$65,000	\$43,875	\$0	\$0
KETHIW	Breakwater	Piling	BW 1	11	each	4	good	\$19,800	\$13,365	State	\$19,800	\$13,365	\$0	\$0
KETHIW	Breakwater	Barrier	BW 2	150	lin ft	4	good	\$375,000	\$253,125	State	\$375,000	\$253,125	\$0	\$0
KETHIW	Main Float	Piling	MF 1	6	each	4	good	\$10,600	\$7,290	State	\$10,600	\$7,290	\$0	\$0
KETHIW	Main Float	Float Structure (Deck)	MF 1	163	lin ft	3	fair	\$40,750	\$18,338	State	\$40,750	\$18,338	\$20,375	\$35,717
KETHIW	Main Float	Pile Guides (Standard)	MF 1	1	each	4	good	\$400	\$270	State	\$400	\$270	\$0	\$0
KETHIW	Main Float	Pile Guides (Standard)	MF 1	5	each	3	fair	\$2,000	\$900	State	\$2,000	\$900	\$1,000	\$1,753
KETHIW	Main Float	Utilities-Light Distribution System	MF 1	1	each	4	good	\$8,150	\$5,501	State	\$8,150	\$5,501	\$0	\$0
KETHIW	Main Float	Utilities - Power System (floats)	MF 1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Main Float	Utilities - Water System (floats)	MF 1	1	each	1	failed	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Main Float	Fire Protection - Other (see comm.)	MF 1	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Main Float	Piling	MF 2	2	each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
KETHIW	Main Float	Float Structure (Deck)	MF 2	50	lin ft	3	fair	\$7,500	\$3,375	State	\$7,500	\$3,375	\$3,750	\$6,574
KETHIW	Main Float	Float Hinges (Standard)	MF 2	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETHIW	Main Float	Pile Guides (Standard)	MF 2	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETHIW	Main Float	Utilities-Light Distribution System	MF 2	1	each	3	fair	\$1,500	\$675	State	\$1,500	\$675	\$750	\$1,315
KETHIW	Main Float	Utilities - Water System (floats)	MF 2	1	each	1	failed	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Main Float	Component - Other (see comments)	MF 2	1	each	5	now	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Main Float	Piling	MF 3	6	each	4	good	\$12,600	\$8,505	State	\$12,600	\$8,505	\$0	\$0
KETHIW	Main Float	Float Structure (Deck)	MF 3	180	lin ft	3	fair	\$36,000	\$16,200	State	\$36,000	\$16,200	\$18,000	\$31,554
KETHIW	Main Float	Float Hinges (Standard)	MF 3	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETHIW	Main Float	Pile Guides (Standard)	MF 3	6	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
KETHIW	Main Float	Utilities-Light Distribution System	MF 3	1	each	4	good	\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
KETHIW	Main Float	Utilities - Power System (floats)	MF 3	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Upland Facilities	Facilities - Parking (by acre)	UF	0.09	acres	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Upland Facilities	Facilities - Other (see comments)	UF	1	other	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETHIW	Upland Facilities	Disposal - Solid Waste Containers	UF	1	cu ft	4	good	\$10	\$7	State	\$10	\$7	\$0	\$0
KETKCF	Approach & Gangwa	Decking (for fixed structures)	AG	164	lin ft	3	fair	\$45,920	\$20,664	State	\$45,920	\$20,664	\$22,960	\$40,249
KETKCF	Approach & Gangwa	Abulment	AG	1	each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,383
KETKCF	Approach & Gangwa	Piling	AG	33	each	3	fair	\$79,200	\$35,640	State	\$79,200	\$35,640	\$39,600	\$69,419
KETKCF	Approach & Gangwa	Cross Braces	AG	28	each	2	poor	\$5,600	\$1,260	State	\$5,600	\$1,260	\$5,600	\$9,817
KETKCF	Approach & Gangwa	Support Structure	AG	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Approach & Gangwa	Gangway Deck/Skid	AG	1	each	3	fair	\$2,750	\$1,238	State	\$2,750	\$1,238	\$1,375	\$2,410
KETKCF	Approach & Gangwa	Gangway Hinge (top)	AG	2	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Approach & Gangwa	Gangway Railing	AG	100	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Approach & Gangwa	Gangway Railing	AG	332	lin ft	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0

KETKCF	Approach & Gangway	Gangway Support Structure	AG	1	each	3	fair	\$16,500	\$7,425	State	\$16,500	\$7,425	\$0,250	\$14,462
KETKCF	Approach & Gangway	Gangway Toe (bottom)	AG	1	each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Approach & Gangway	Utilities-Light Distribution System	AG	1	each	3	fair	\$12,855	\$5,785	State	\$12,855	\$5,785	\$6,428	\$11,267
KETKCF	Launch Ramp	Abutment	LR	1	each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Launch Ramp	Piling	LR	3	each	5	new	\$4,500	\$4,050	State	\$4,500	\$4,050	\$0	\$0
KETKCF	Launch Ramp	Float Hinges (Standard)	LR	8	each	5	new	\$3,200	\$2,880	State	\$3,200	\$2,880	\$0	\$0
KETKCF	Launch Ramp	Pile Guides (Standard)	LR	3	each	5	new	\$1,200	\$1,080	State	\$1,200	\$1,080	\$0	\$0
KETKCF	Launch Ramp	Ramp Length	LR	180	lin ft	5	new	\$43,200	\$38,880	State	\$43,200	\$38,880	\$0	\$0
KETKCF	Launch Ramp	Ramp Length	LR	180	lin ft	2	poor	\$57,600	\$12,960	State	\$57,600	\$12,960	\$57,600	\$100,973
KETKCF	Launch Ramp	Ramp Float	LR	180	each	5	new	\$24,840	\$22,356	State	\$24,840	\$22,356	\$0	\$0
KETKCF	Main Float	Piling	MF 2	2	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
KETKCF	Main Float	Float Structure (Deck)	MF 2	59	lin ft	3	fair	\$8,850	\$3,983	State	\$8,850	\$3,983	\$4,425	\$7,757
KETKCF	Main Float	Float Hinges (Standard)	MF 2	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETKCF	Main Float	Pile Guides (Standard)	MF 2	2	each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0
KETKCF	Main Float	Piling	MF 3	2	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
KETKCF	Main Float	Float Structure (Deck)	MF 3	62	lin ft	3	fair	\$9,300	\$4,185	State	\$9,300	\$4,185	\$4,650	\$8,151
KETKCF	Main Float	Float Hinges (Standard)	MF 3	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETKCF	Main Float	Pile Guides (Standard)	MF 3	2	each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0
KETKCF	Main Float	Fire Protection - Other (see comm.)	MF 3	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Main Float	Piling	MF 4	1	each	2	poor	\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,155
KETKCF	Main Float	Piling	MF 4	1	each	3	fair	\$1,800	\$810	State	\$1,800	\$810	\$900	\$1,578
KETKCF	Main Float	Float Structure (Deck)	MF 4	62	lin ft	3	fair	\$9,300	\$4,185	State	\$9,300	\$4,185	\$4,650	\$8,151
KETKCF	Main Float	Float Hinges (Standard)	MF 4	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETKCF	Main Float	Pile Guides (Standard)	MF 4	2	each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0
KETKCF	Main Float	Fire Protection - Other (see comm.)	MF 4	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Main Float	Piling	MF 5	2	each	3	fair	\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,155
KETKCF	Main Float	Float Structure (Deck)	MF 5	60	lin ft	3	fair	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$13,148
KETKCF	Main Float	Pile Guides (Standard)	MF 5	2	each	4	good	\$800	\$540	State	\$800	\$540	\$0	\$0
KETKCF	Main Float	Fire Protection - Other (see comm.)	MF 5	1		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Main Float	Piling	MF 6	2	each	3	fair	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,630
KETKCF	Main Float	Piling	MF 6	1	each	3	fair	\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,104
KETKCF	Main Float	Float Structure (Deck)	MF 6	112	lin ft	3	fair	\$28,000	\$12,600	State	\$28,000	\$12,600	\$14,000	\$24,542
KETKCF	Main Float	Float Hinges (Standard)	MF 6	2	each	3	fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETKCF	Main Float	Pile Guides (Standard)	MF 6	3	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
KETKCF	Main Float	Fire Protection - Other (see comm.)	MF 6	4		4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Marginal Float	Piling	MG 1	7	each	3	fair	\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,044
KETKCF	Marginal Float	Float Structure (Deck)	MG 1	300	lin ft	3	fair	\$69,000	\$31,050	State	\$69,000	\$31,050	\$34,500	\$60,479
KETKCF	Marginal Float	Pile Guides (Standard)	MG 1	6	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
KETKCF	Marginal Float	Pile Guides (Standard)	MG 1	1	each	2	poor	\$400	\$90	State	\$400	\$90	\$400	\$701
KETKCF	Marginal Float	Finger (or Stall) Floats	MG 1	10	each	3	fair	\$11,730	\$5,279	State	\$11,730	\$5,279	\$5,865	\$10,281
KETKCF	Marginal Float	Finger (or Stall) Floats	MG 1	5	each	4	good	\$5,865	\$3,959	State	\$5,865	\$3,959	\$0	\$0
KETKCF	Marginal Float	Finger Float Hinges (Standard)	MG 1	1	each	2	poor	\$300	\$68	State	\$300	\$68	\$300	\$526
KETKCF	Marginal Float	Finger Float Hinges (Standard)	MG 1	14	each	4	good	\$4,200	\$2,835	State	\$4,200	\$2,835	\$0	\$0
KETKCF	Marginal Float	Utilities-Light Distribution System	MG 1	1	each	4	good	\$18,825	\$12,707	State	\$18,825	\$12,707	\$0	\$0

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KETKCF	Marginal Float	Fire Protection - Other (see comm.)	MG	1	1	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Marginal Float	Component - Other (see comments)	MG	1	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETKCF	Upland Facilities	Facilities - Parking (by stall)	UF		60 stalls	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETRYS	Approach & Gangwa	Gangway Deck/Skid	AG	1	1 each	4	good	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
KETRYS	Approach & Gangwa	Gangway Hinge (top)	AG	1	2 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETRYS	Approach & Gangwa	Gangway Railing	AG	1	150 lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETRYS	Approach & Gangwa	Gangway Support Structure	AG	1	1 each	4	good	\$27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
KETRYS	Approach & Gangwa	Gangway Toe (bottom)	AG	1	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETRYS	Main Float	Piling	MF	1	3 each	4	good	\$5,400	\$3,645	State	\$5,400	\$3,645	\$0	\$0
KETRYS	Main Float	Piling	MF	1	1 each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0
KETRYS	Main Float	Float Structure (Deck)	MF	1	136 lin ft	4	good	\$48,960	\$33,048	State	\$48,960	\$33,048	\$0	\$0
KETRYS	Main Float	Pile Guides (Standard)	MF	1	1 each	4	good	\$400	\$270	State	\$400	\$270	\$0	\$0
KETRYS	Main Float	Pile Guides (Heavy Duty)	MF	1	3 each	4	good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
KETRYS	Main Float	Component - Other (see comments)	MF	1	136 each	5	new	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Decking (for fixed structures)	AG	A	35 lin ft	3	fair	\$8,400	\$3,780	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Railing	AG	A	75 lin ft	3	fair	\$1,875	\$844	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Abutment	AG	A	1 each	3	fair	\$5,000	\$2,250	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Piling	AG	A	8 each	4	good	\$19,200	\$12,960	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Cross Braces	AG	A	14 each	3	fair	\$2,800	\$1,260	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Support Structure	AG	A	1 each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Deck/Skid	AG	A	1 each	3	fair	\$2,500	\$1,125	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Hinge (top)	AG	A	2 each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Railing	AG	A	100 lin ft	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Support Structure	AG	A	1 each	3	fair	\$15,000	\$6,750	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Toe (bottom)	AG	A	1 each	3	fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Utility System - Other (see comments)	AG	A	1 other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Abutment	AG	B	1 each	3	fair	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,383
KETTBH	Approach & Gangwa	Gangway Deck/Skid	AG	B	1 each	4	good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Hinge (top)	AG	B	2 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Railing	AG	B	100 lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Support Structure	AG	B	1 each	4	good	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Toe (bottom)	AG	B	1 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Facilities - Parking (by stall)	AG	B	6 stalls	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Utility System - Other (see comments)	AG	B	1 other	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Disposal - Solid Waste Containers	AG	B	4 cu ft	3	fair	\$40	\$18	State	\$40	\$18	\$20	\$35
KETTBH	Approach & Gangwa	Gangway Deck/Skid	AG	C	1 each	4	good	\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Hinge (top)	AG	C	2 each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Railing	AG	C	120 lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Support Structure	AG	C	1 each	4	good	\$21,600	\$14,580	State	\$21,600	\$14,580	\$0	\$0
KETTBH	Approach & Gangwa	Gangway Toe (bottom)	AG	C	1 each	3	fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Approach & Gangwa	Disposal - Waste Oil Containers	AG	C	400 gal	3	fair	\$2,000	\$900	State	\$2,000	\$900	\$1,000	\$1,753
KETTBH	Approach & Gangwa	Disposal - Solid Waste Containers	AG	C	4 cu ft	3	fair	\$40	\$18	State	\$40	\$18	\$20	\$35
KETTBH	Grid	Ladders	G	1	5 each	4	good	\$2,500	\$1,688	State	\$2,500	\$1,688	\$0	\$0
KETTBH	Grid	Cargo Hoist	G	1	1 each	4	good	\$2,000	\$1,350	Other	\$0	\$0	\$0	\$0

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KETTBH	Grid	Top Beams	G	1	7 each	4 good	\$7,000	\$4,725	State	\$7,000	\$4,725	\$0	\$0
KETTBH	Grid	Bearing Piles	G	1	14 each	4 good	\$21,000	\$14,175	State	\$21,000	\$14,175	\$0	\$0
KETTBH	Grid	Breasting Piles	G	1	12 each	4 good	\$24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0
KETTBH	Grid	Catwalks	G	1	1 each	3 fair	\$6,300	\$2,835	State	\$6,300	\$2,835	\$3,150	\$5,522
KETTBH	Grid	Top Beams	G	2	7 each	4 good	\$7,000	\$4,725	State	\$7,000	\$4,725	\$0	\$0
KETTBH	Grid	Bearing Piles	G	2	14 each	4 good	\$21,000	\$14,175	State	\$21,000	\$14,175	\$0	\$0
KETTBH	Grid	Breasting Piles	G	2	12 each	4 good	\$24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0
KETTBH	Grid	Component - Other (see comments)	G	2	1 each	3 fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Grid	Top Beams	G	3	8 each	1 failed	\$4,800	\$0	State	\$4,800	\$0	\$4,800	\$8,414
KETTBH	Grid	Bearing Piles	G	3	24 each	1 failed	\$36,000	\$0	State	\$36,000	\$0	\$36,000	\$63,108
KETTBH	Grid	Breasting Piles	G	3	8 each	3 fair	\$16,000	\$7,200	State	\$16,000	\$7,200	\$8,000	\$14,024
KETTBH	Grid	Component - Other (see comments)	G	3	1 each	3 fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Grid	Top Beams	G	4	8 each	2 poor	\$4,800	\$1,080	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Bearing Piles	G	4	8 each	4 good	\$12,000	\$8,100	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Breasting Piles	G	4	8 each	3 fair	\$16,000	\$7,200	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Catwalks	G	4	1 each	4 good	\$6,300	\$4,253	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Component - Other (see comments)	G	4	2 each	3 fair	\$0	\$0	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Top Beams	G	5	8 each	2 poor	\$4,800	\$1,080	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Bearing Piles	G	5	24 each	3 fair	\$36,000	\$16,200	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Breasting Piles	G	5	12 each	4 good	\$24,000	\$16,200	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Catwalks	G	5	1 each	4 good	\$6,300	\$4,253	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Catwalks	G	5	1 each	3 fair	\$30,000	\$13,500	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Component - Other (see comments)	G	5	1 each	1 failed	\$0	\$0	other	\$0	\$0	\$0	\$0
KETTBH	Grid	Component - Other (see comments)	G	5	1 each	3 fair	\$0	\$0	other	\$0	\$0	\$0	\$0
KETTBH	Gangway Float	Float Structure (Deck)	GF	B	25 lin ft	3 fair	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$13,148
KETTBH	Gangway Float	Fire Protection - Extinguishers	GF	B	1 each	4 good	\$500	\$338	State	\$500	\$338	\$0	\$0
KETTBH	Gangway Float	Component - Other (see comments)	GF	B	1 each	4 good	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Main Float	Piling	MF	1	12 each	3 fair	\$21,600	\$9,720	State	\$21,600	\$9,720	\$10,800	\$18,932
KETTBH	Main Float	Float Structure (Deck)	MF	1	140 lin ft	4 good	\$35,000	\$23,625	State	\$35,000	\$23,625	\$0	\$0
KETTBH	Main Float	Float Hinges (other)	MF	1	1 each	3 fair	\$500	\$225	State	\$500	\$225	\$250	\$438
KETTBH	Main Float	Utilities-Light Distribution System	MF	1	1 each	3 fair	\$7,000	\$3,150	State	\$7,000	\$3,150	\$3,500	\$6,136
KETTBH	Main Float	Piling	MF	2	21 each	4 good	\$37,800	\$25,515	State	\$37,800	\$25,515	\$0	\$0
KETTBH	Main Float	Float Structure (Deck)	MF	2	312 lin ft	3 fair	\$78,000	\$35,100	State	\$78,000	\$35,100	\$39,000	\$68,367
KETTBH	Main Float	Float Hinges (Standard)	MF	2	2 each	3 fair	\$800	\$360	State	\$800	\$360	\$400	\$701
KETTBH	Main Float	Pile Guides (Standard)	MF	2	21 each	2 poor	\$8,400	\$1,890	State	\$8,400	\$1,890	\$8,400	\$14,725
KETTBH	Main Float	Finger (or Stall) Floats	MF	2	1 each	3 fair	\$2,300	\$1,035	State	\$2,300	\$1,035	\$1,150	\$2,016
KETTBH	Main Float	Finger (or Stall) Floats	MF	2	6 each	3 fair	\$17,664	\$7,949	State	\$17,664	\$7,949	\$8,832	\$15,482
KETTBH	Main Float	Finger (or Stall) Floats	MF	2	7 each	3 fair	\$27,048	\$12,172	State	\$27,048	\$12,172	\$13,524	\$23,708
KETTBH	Main Float	Finger Float Hinges (Standard)	MF	2	27 each	3 fair	\$8,100	\$3,645	State	\$8,100	\$3,645	\$4,050	\$7,100
KETTBH	Main Float	Utilities-Light Distribution System	MF	2	1 each	3 fair	\$25,820	\$11,619	State	\$25,820	\$11,619	\$12,910	\$22,631
KETTBH	Main Float	Utilities - Power System (floats)	MF	2	1 each	3 fair	\$14,000	\$6,300	State	\$14,000	\$6,300	\$7,000	\$12,271
KETTBH	Main Float	Utilities - Water System (floats)	MF	2	1 each	3 fair	\$4,200	\$1,890	State	\$4,200	\$1,890	\$2,100	\$3,661
KETTBH	Main Float	Utility System -Other(see comments)	MF	2	1 other	3 fair	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Main Float	Fire Protection - Other (see comm)	MF	2	1	4 good	\$0	\$0	State	\$0	\$0	\$0	\$0

KETTBH	Main Float	Piling	MF	3	28	each	3	fair	\$50,400	\$22,680	State	\$50,400	\$22,680	\$25,200	\$44,176
KETTBH	Main Float	Float Structure (Deck)	MF	3	375	lin ft	2	poor	\$93,750	\$21,094	State	\$93,750	\$21,094	\$93,750	\$164,344
KETTBH	Main Float	Float Hinges (Standard)	MF	3	2	each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETTBH	Main Float	Pile Guides (Standard)	MF	3	28	each	2	poor	\$11,200	\$2,520	State	\$11,200	\$2,520	\$11,200	\$19,634
KETTBH	Main Float	Finger (or Stall) Floats	MF	3	10	each	2	poor	\$36,800	\$8,280	State	\$36,800	\$8,280	\$36,800	\$64,510
KETTBH	Main Float	Finger (or Stall) Floats	MF	3	8	each	2	poor	\$38,640	\$8,694	State	\$38,640	\$8,694	\$38,640	\$87,736
KETTBH	Main Float	Finger Float Hinges (Standard)	MF	3	36	each	2	poor	\$10,800	\$2,430	State	\$10,800	\$2,430	\$10,800	\$18,932
KETTBH	Main Float	Utilities-Light Distribution System	MF	3	1	each	2	poor	\$35,150	\$7,909	State	\$35,150	\$7,909	\$35,150	\$61,618
KETTBH	Main Float	Utilities - Power System (floats)	MF	3	1	each	2	poor	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$31,554
KETTBH	Main Float	Utilities - Water System (floats)	MF	3	1	each	2	poor	\$5,400	\$1,215	State	\$5,400	\$1,215	\$5,400	\$9,466
KETTBH	Main Float	Utility System -Other(see comments)	MF	3	1	other	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Main Float	Fire Protection - Other (see comm.)	MF	3	1		2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Main Float	Piling	MF	4	21	each	3	fair	\$37,800	\$17,010	State	\$37,800	\$17,010	\$18,900	\$33,132
KETTBH	Main Float	Float Structure (Deck)	MF	4	412	lin ft	3	fair	\$103,000	\$46,350	State	\$103,000	\$46,350	\$51,500	\$90,280
KETTBH	Main Float	Float Hinges (Standard)	MF	4	2	each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETTBH	Main Float	Pile Guides (Standard)	MF	4	21	each	3	fair	\$8,400	\$3,780	State	\$8,400	\$3,780	\$4,200	\$7,363
KETTBH	Main Float	Finger (or Stall) Floats	MF	4	9	each	3	fair	\$34,776	\$15,649	State	\$34,776	\$15,649	\$17,388	\$30,481
KETTBH	Main Float	Finger Float Hinges (Standard)	MF	4	18	each	2	poor	\$5,400	\$1,215	State	\$5,400	\$1,215	\$5,400	\$9,466
KETTBH	Main Float	Utilities-Light Distribution System	MF	4	1	each	2	poor	\$28,160	\$6,336	State	\$28,160	\$6,336	\$28,160	\$49,384
KETTBH	Main Float	Utilities - Power System (floats)	MF	4	1	each	2	poor	\$9,000	\$2,025	State	\$9,000	\$2,025	\$9,000	\$15,777
KETTBH	Main Float	Utilities - Water System (floats)	MF	4	1	each	2	poor	\$2,700	\$608	State	\$2,700	\$608	\$2,700	\$4,733
KETTBH	Main Float	Utility System -Other(see comments)	MF	4	1	other	2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Main Float	Piling	MF	5	50	each	3	fair	\$90,000	\$40,500	State	\$90,000	\$40,500	\$45,000	\$78,885
KETTBH	Main Float	Float Structure (Deck)	MF	5	525	lin ft	3	fair	\$131,250	\$59,063	State	\$131,250	\$59,063	\$65,625	\$115,041
KETTBH	Main Float	Float Hinges (Standard)	MF	5	2	each	2	poor	\$800	\$180	State	\$800	\$180	\$800	\$1,402
KETTBH	Main Float	Pile Guides (Standard)	MF	5	1	each	1	failed	\$400	\$0	State	\$400	\$0	\$400	\$701
KETTBH	Main Float	Pile Guides (Standard)	MF	5	49	each	3	fair	\$19,600	\$8,820	State	\$19,600	\$8,820	\$9,800	\$17,179
KETTBH	Main Float	Finger (or Stall) Floats	MF	5	4	each	2	poor	\$27,600	\$6,210	State	\$27,600	\$6,210	\$27,600	\$48,383
KETTBH	Main Float	Finger (or Stall) Floats	MF	5	14	each	2	poor	\$96,600	\$21,735	State	\$96,600	\$21,735	\$96,600	\$169,340
KETTBH	Main Float	Finger Float Hinges (Standard)	MF	5	36	each	2	poor	\$10,800	\$2,430	State	\$10,800	\$2,430	\$10,800	\$18,932
KETTBH	Main Float	Utilities-Light Distribution System	MF	5	1	each	2	poor	\$53,250	\$11,981	State	\$53,250	\$11,981	\$53,250	\$93,347
KETTBH	Main Float	Utilities - Power System (floats)	MF	5	1	each	2	poor	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$31,554
KETTBH	Main Float	Utilities - Water System (floats)	MF	5	1	each	2	poor	\$5,400	\$1,215	State	\$5,400	\$1,215	\$5,400	\$9,466
KETTBH	Main Float	Fire Protection - Extinguishers	MF	5	1	each	2	poor	\$500	\$113	State	\$500	\$113	\$500	\$877
KETTBH	Main Float	Fire Protection - Other (see comm.)	MF	5	1		2	poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Main Float	Piling	MF	6	4	each	2	poor	\$7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,622
KETTBH	Main Float	Float Structure (Deck)	MF	6	130	lin ft	2	poor	\$32,500	\$7,313	State	\$32,500	\$7,313	\$32,500	\$56,973
KETTBH	Main Float	Pile Guides (Standard)	MF	6	4	each	2	poor	\$1,600	\$360	State	\$1,600	\$360	\$1,600	\$2,805
KETTBH	Main Float	Utilities-Light Distribution System	MF	6	1	each	2	poor	\$6,500	\$1,463	State	\$6,500	\$1,463	\$6,500	\$11,395
KETTBH	Marginal Float	Piling	MG	1	11	each	3	fair	\$19,800	\$8,910	State	\$19,800	\$8,910	\$9,900	\$17,355
KETTBH	Marginal Float	Float Structure (Deck)	MG	1	462	lin ft	3	fair	\$108,260	\$47,817	State	\$108,260	\$47,817	\$53,130	\$93,137
KETTBH	Marginal Float	Pile Guides (Standard)	MG	1	11	each	3	fair	\$4,400	\$1,980	State	\$4,400	\$1,980	\$2,200	\$3,857
KETTBH	Marginal Float	Finger (or Stall) Floats	MG	1	1	each	2	poor	\$690	\$155	State	\$690	\$155	\$690	\$1,210
KETTBH	Marginal Float	Finger (or Stall) Floats	MG	1	1	each	1	failed	\$1,380	\$0	State	\$1,380	\$0	\$1,380	\$2,419

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KETTBH	Marginal Float	Finger (or Stall) Floats	MG 1	22 each	3 fair	\$30,360	\$13,662	State	\$30,360	\$13,682	\$15,180	\$26,611
KETTBH	Marginal Float	Finger Float Hinges (Standard)	MG 1	28 each	2 poor	\$8,400	\$1,890	State	\$8,400	\$1,890	\$8,400	\$14,725
KETTBH	Marginal Float	Utilities-Light Distribution System	MG 1	1 each	2 poor	\$30,150	\$6,784	State	\$30,150	\$6,784	\$30,150	\$52,853
KETTBH	Marginal Float	Utilities - Power System (floats)	MG 1	1 each	2 poor	\$24,000	\$5,400	State	\$24,000	\$5,400	\$24,000	\$42,072
KETTBH	Marginal Float	Utilities - Water System (floats)	MG 1	1 each	2 poor	\$7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$12,622
KETTBH	Marginal Float	Piling	MG 2	7 each	3 fair	\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,044
KETTBH	Marginal Float	Float Structure (Deck)	MG 2	262 lin ft	3 fair	\$60,260	\$27,117	State	\$60,260	\$27,117	\$30,130	\$52,818
KETTBH	Marginal Float	Pile Guides (Standard)	MG 2	7 each	2 poor	\$2,800	\$630	State	\$2,800	\$630	\$2,800	\$4,908
KETTBH	Marginal Float	Utilities-Light Distribution System	MG 2	1 each	2 poor	\$13,100	\$2,948	State	\$13,100	\$2,948	\$13,100	\$22,964
KETTBH	Marginal Float	Utilities - Power System (floats)	MG 2	1 each	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
KETTBH	Marginal Float	Fire Protection - Other (see comm.)	MG 2	1	2 poor	\$0	\$0	State	\$0	\$0	\$0	\$0
						\$14,033,103	\$7,385,506		\$13,143,268	\$7,084,969	\$3,992,905	\$6,999,562

PND Cost Estimates			
Replacement	Repair		
\$ 8,339,000	\$ 290,800		
\$ 8,055,000	\$ 860,300		
\$ 4,619,000	\$ 233,900		
\$ 19,013,000	\$ 1,385,000		

Subtotals Ketchikan Harbors							
Bar Harbor North	\$11,496,158	\$7,534,015	\$11,496,158	\$7,534,015	\$521,612	\$521,612	
Bar Harbor South	\$6,052,976	\$2,320,309	\$6,052,976	\$2,320,309	\$3,912,704	\$3,912,704	
City Float	\$1,214,584	\$698,314	\$0	\$0	\$0	\$0	
Hole in Wall	\$1,118,537	\$716,189	\$1,118,537	\$716,189	\$86,274	\$86,274	
Knudson's Cove	\$921,263	\$463,426	\$525,535	\$284,362	\$419,497	\$419,497	
Ryus Float	\$153,843	\$59,238	\$153,843	\$103,844	\$0	\$0	
Thomas Basin	\$3,642,669	\$1,461,298	\$3,297,372	\$1,282,168	\$2,059,475	\$2,059,475	
Total Ketchikan Harbors	\$24,600,030	\$13,252,786	\$22,644,421	\$12,220,886	\$6,999,562	\$6,999,562	

Comparison

PND Estimates					
<u>Facility</u>	<u>Replacement Cost</u>	<u>Structural repair Cost</u>	<u>Electrical Repair</u>	<u>Repair Total</u>	
Bar Harbor North	\$ 6,339,000	\$ 290,800	\$ 374,000	\$	664,800
Bar Harbor South	\$ 8,055,000	\$ 860,300	\$ 552,000	\$	1,412,300
City Float				\$	-
Hole in Wall				\$	-
Knudson's Cove				\$	-
Ryus Float				\$	-
Thomas Basin	\$ 4,619,000	\$ 233,900	\$ 350,000	\$	583,900
	\$ 19,013,000	\$ 1,385,000	\$ 1,276,000	\$	2,661,000
PND assumes:	Replace with HD concrete and steel piles but does not include approaches, gangways, grids, other appertanances.				
State Estimates					
<u>Facility</u>	<u>Replacement Cost</u>	<u>Structural repair Cost</u>	<u>Electrical Repair</u>	<u>Repair Total</u>	
Bar Harbor North	\$ 11,496,158	Included in est.	Included in est.	\$	521,612
Bar Harbor South	\$ 6,052,976			\$	3,912,704
City Float	\$ 1,214,584			\$	-
Hole in Wall	\$ 1,118,537			\$	86,274
Knudson's Cove	\$ 921,263			\$	419,497
Ryus Float	\$ 153,843			\$	-
Thomas Basin	\$ 3,642,669			\$	2,059,475
	\$ 24,600,030			\$	6,599,562
State assumes:	Replace in-kind including grids, floats, ganways, approaches and other appertanances.				

Compiled from March 1998 PND Report

City of Ketchikan Harbor Condition Survey

Prepared by:

12/15/99

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN and ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

3132 CHANNEL DRIVE
JUNEAU, ALASKA 99801-7898
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December 15, 1999

Ray Majeski, Harbormaster
City and Borough of Sitka
671 Katlian Avenue
Sitka, AK 99835

Dear Mr. Majeski:

Thank you for the time and hospitality extended to Ms. Carter during her condition survey visit in June and my own recent visit in December. The purpose of my trip was to review that survey report with you and to discuss the process of eventual transfer of the state owned harbor facilities to the borough.

During my visit you showed me specific areas of structural and electrical concerns in Crescent Harbor and structural concerns in Thomsen Harbor. After taking into consideration those issues and the overall condition of all state owned facilities in Sitka, I have enclosed the estimate of \$4,038.9 (thousands) to bring state owned facilities up to good condition.

The Department believes this is a fair and reasonable estimate to address deferred maintenance and bring state owned facilities to a condition suitable for transfer to the City. The Department is preparing these estimates for deferred maintenance projects and transfer should the Legislature chooses to appropriate funds for that purpose.

If you have any questions please do not hesitate to call me at the above number.

Sincerely,

Harold Moeser, P.E.
State Harbor Engineer

Enclosures (1)

cc: Robert Martin, Regional Director
Michael Downing, P.E., Statewide Design and Engineering Services Director

Introduction:

The Sitka Harbors are operated by the City and Borough of Sitka (CBS) through an agreement with the Department. The total capacity of the harbor is approximately 1484 vessels. The Sitka harbors include the Crescent Harbor (413); Sealing Cove (398); ANB Float (107); Thomsen Harbor, Old (266); Thomsen Harbor, New (300). Upland facilities, the harbormaster office, City Grid, ANB Float, and New Thomsen Harbor are owned by CBS.

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 Sitka facilities were revisited in June of 1999. The the State's July 1 condition report was reviewed with harbor staff December 9, 1999. The enclosed information reflects that review and comments recieved in December.

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 for 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 relocation of utilities.

Summary of Estimate:

The conditions found and the proposed state action to bring the state owned Sitka Harbor Facilities up to good condition 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 Sitka Harbor including ANB Float, City Grid, and Thomsen Harbor New.	\$12,042,681
In-place Value of all features (State and Local) at current conditions.	\$7,994,500
Condition of all features (State and Local) as a percentage of Inventoried Replacement Value of all features.	66.4%
Inventoried Replacement Value of State Facilities and Features.	\$6,448,455
In-place Value of State facilities and features.	\$3,345,694
Condition of State facilities and features as a percentage of Replacement Value of State facilities and features.	51.9%
Cost Estimate to fund proposed State action.	\$4,038,905
<u>Subtotals Sitka Harbors</u>	
Crescent Harbor	\$3,102,664
Sealing Cove	\$36,644
ANB	\$0
Thomsen Harbor	\$899,597
Thomsen Harbor New	\$0
Total Sitka Harbors	\$4,038,905

Prepared by:

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. Less than six years life remaining.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed, at approximate its half life at exposure and service conditions. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal deterioration. Approximately 50% of in-place value remaining.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under 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.

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 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	14.3%	1.5% inflation to 2001, 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	15.0%	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	10.5%	For unidentified work elements, temporary relocation of utilities and facilities necessary to undertake the proposed renovation, and internal State expenses not to exceed 0.5% to the total estimate in administering this project.

Prepared by:

SITCRH

ID	Feature	Item		Feet Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITCRH	Approach & Gangway	Gangway Deck/Skid	AG	1	1 each	4	good		\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
SITCRH	Approach & Gangway	Gangway Hinge (top)	AG	1	2 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Railing	AG	1	100 lin ft	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Support Structure	AG	1	1 each	4	good		\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
SITCRH	Approach & Gangway	Gangway Toe (bottom)	AG	1	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Decking (for fixed structures)	AG	2	33 lin ft	3	fair		\$3,960	\$1,782	State	\$3,960	\$1,782	\$1,980	\$3,580
SITCRH	Approach & Gangway	Railing	AG	2	66 lin ft	3	fair		\$1,650	\$743	State	\$1,650	\$743	\$825	\$1,492
SITCRH	Approach & Gangway	Piling	AG	2	6 each	4	good		\$14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
SITCRH	Approach & Gangway	Cross Braces	AG	2	6 each	3	fair		\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,085
SITCRH	Approach & Gangway	Support Structure	AG	2	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Deck/Skid	AG	2	1 each	4	good		\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
SITCRH	Approach & Gangway	Gangway Hinge (top)	AG	2	2 each	2	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Railing	AG	2	100 lin ft	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Support Structure	AG	2	1 each	4	good		\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
SITCRH	Approach & Gangway	Gangway Toe (bottom)	AG	2	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Decking (for fixed structures)	AG	3	34 lin ft	3	fair		\$4,080	\$1,836	State	\$4,080	\$1,836	\$2,040	\$3,688
SITCRH	Approach & Gangway	Railing	AG	3	68 lin ft	3	fair		\$1,700	\$765	State	\$1,700	\$765	\$850	\$1,537
SITCRH	Approach & Gangway	Abutment	AG	3	1 each	4	good		\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITCRH	Approach & Gangway	Piling	AG	3	4 each	4	good		\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
SITCRH	Approach & Gangway	Cross Braces	AG	3	8 each	3	fair		\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,446
SITCRH	Approach & Gangway	Support Structure	AG	3	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Deck/Skid	AG	3	1 each	4	good		\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
SITCRH	Approach & Gangway	Gangway Hinge (top)	AG	3	2 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Railing	AG	3	100 lin ft	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Support Structure	AG	3	1 each	4	good		\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
SITCRH	Approach & Gangway	Gangway Toe (bottom)	AG	3	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Deck/Skid	AG	4	1 each	4	good		\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
SITCRH	Approach & Gangway	Gangway Hinge (top)	AG	4	2 each	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Railing	AG	4	100 lin ft	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Support Structure	AG	4	1 each	4	good		\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
SITCRH	Approach & Gangway	Gangway Toe (bottom)	AG	4	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Abutment	AG	5	1 each	4	good		\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITCRH	Approach & Gangway	Gangway Deck/Skid	AG	5	1 each	4	good		\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
SITCRH	Approach & Gangway	Gangway Hinge (top)	AG	5	2 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Railing	AG	5	150 lin ft	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Approach & Gangway	Gangway Support Structure	AG	5	1 each	4	good		\$27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
SITCRH	Approach & Gangway	Gangway Toe (bottom)	AG	5	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Dock (Pier)	Location integral w/ Harbor	DP	1	N/A	5	new		\$0	\$0	State	\$0	\$0	\$0	\$0

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ID	Feature	Item		Feat Est	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITCRH	Dock (Pier)	Decking (for fixed structures)	DP	1	165 lin ft	4	good		\$288,750	\$194,906	State	\$288,750	\$194,906	\$0	\$0
SITCRH	Dock (Pier)	Fendering System	DP	1	150 lin ft	3	fair		\$30,000	\$13,500	State	\$30,000	\$13,500	\$15,000	\$27,120
SITCRH	Dock (Pier)	Bollards/Cleats	DP	1	7 each	4	good		\$3,500	\$2,363	State	\$3,500	\$2,363	\$0	\$0
SITCRH	Dock (Pier)	Ladders	DP	1	4 each	3	fair		\$2,000	\$900	State	\$2,000	\$900	\$1,000	\$1,808
SITCRH	Dock (Pier)	Ladders	DP	1	2 each	4	good		\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
SITCRH	Dock (Pier)	Abutment	DP	1	1 each	4	good		\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITCRH	Dock (Pier)	Piling	DP	1	90 each	4	good		\$270,000	\$182,250	State	\$270,000	\$182,250	\$0	\$0
SITCRH	Dock (Pier)	Cross Braces	DP	1	156 each	3	fair		\$31,200	\$14,040	State	\$31,200	\$14,040	\$15,600	\$28,205
SITCRH	Dock (Pier)	Utilities-Light Distribution System	DP	1	1 each	2	poor		\$57,750	\$12,994	State	\$57,750	\$12,994	\$57,750	\$104,412
SITCRH	Dock (Pier)	Disposal - Waste Oil Containers	DP	1	500 gal	4	good		\$2,500	\$1,688	Other	\$0	\$0	\$0	\$0
SITCRH	Dock (Pier)	Disposal - Solid Waste Containers	DP	1	300 cu ft	3	fair		\$3,000	\$1,350	Other	\$0	\$0	\$0	\$0
SITCRH	Dock (Pier)	Component - Other (see comments)	DP	1	1 each	4	good		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITCRH	Gangway Float	Piling	GF	1	3 each	4	good		\$5,400	\$3,645	State	\$5,400	\$3,645	\$0	\$0
SITCRH	Gangway Float	Float Structure (Deck)	GF	1	100 lin ft	3	fair		\$30,000	\$13,500	State	\$30,000	\$13,500	\$15,000	\$27,120
SITCRH	Gangway Float	Float Hinges (Standard)	GF	1	2 each	3	fair		\$800	\$360	State	\$800	\$360	\$100	\$723
SITCRH	Gangway Float	Pile Guides (Standard)	GF	1	3 each	4	good		\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITCRH	Gangway Float	Utilities-Light Distribution System	GF	1	1 each	2	poor		\$5,000	\$1,125	State	\$5,000	\$1,125	\$5,000	\$9,040
SITCRH	Gangway Float	Utilities - Power System (general)	GF	1	1 each	2	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Gangway Float	Utilities - Water System (general)	GF	1	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Gangway Float	Fire - Hydrant System (general)	GF	1	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Gangway Float	Component - Other (see comments)	GF	1	1 each	3	fair		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Gangway Float	Piling	GF	2	1 each	4	good		\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
SITCRH	Gangway Float	Piling	GF	2	8 each	4	good		\$14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
SITCRH	Gangway Float	Float Structure (Deck)	GF	2	120 lin ft	3	fair		\$36,000	\$16,200	State	\$36,000	\$16,200	\$18,000	\$32,544
SITCRH	Gangway Float	Float Structure (Deck)	GF	2	120 lin ft	3	fair		\$54,600	\$24,570	State	\$54,600	\$24,570	\$27,300	\$49,358
SITCRH	Gangway Float	Float Hinges (Standard)	GF	2	2 each	4	good		\$800	\$540	State	\$800	\$540	\$0	\$0
SITCRH	Gangway Float	Pile Guides (Standard)	GF	2	9 each	3	fair		\$3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,254
SITCRH	Launch Ramp	Ramp Length	LR		135 lin ft	3	fair		\$32,400	\$14,580	State	\$32,400	\$14,580	\$16,200	\$29,290
SITCRH	Main Float	Piling	MF	1	1 each	1	failed		\$1,800	\$0	State	\$1,800	\$0	\$0	\$0
SITCRH	Main Float	Piling	MF	1	7 each	2	poor		\$12,600	\$2,835	State	\$12,600	\$2,835	\$12,600	\$22,781
SITCRH	Main Float	Piling	MF	1	25 each	4	good		\$45,000	\$30,375	State	\$45,000	\$30,375	\$0	\$0
SITCRH	Main Float	Float Structure (Deck)	MF	1	415 lin ft	3	fair		\$103,750	\$46,688	State	\$103,750	\$46,688	\$51,875	\$93,790
SITCRH	Main Float	Float Hinges (Standard)	MF	1	2 each	2	poor		\$800	\$180	State	\$800	\$180	\$800	\$1,446
SITCRH	Main Float	Pile Guides (Standard)	MF	1	27 each	4	good		\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
SITCRH	Main Float	Pile Guides (Standard)	MF	1	6 each	3	fair		\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,170
SITCRH	Main Float	Finger (or Stall) Floats	MF	1	11 each	3	fair		\$113,850	\$51,233	State	\$113,850	\$51,233	\$56,925	\$102,920
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	1	6 each	2	poor		\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,254
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	1	16 each	3	fair		\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,339
SITCRH	Main Float	Utilities-Light Distribution System	MF	1	1 each	2	poor		\$45,500	\$10,238	State	\$45,500	\$10,238	\$45,500	\$82,264

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ID	Feature	Item		Quant	Unit	Condit	on	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITCRH	Main Float	Utilities - Power System (floats)	MF	1	each	2	poor		\$11,000	\$2,475	State	\$11,000	\$2,475	\$11,000	\$19,888
SITCRH	Main Float	Utilities - Water System (floats)	MF	1	each	4	good		\$3,300	\$2,228	State	\$3,300	\$2,228	\$0	\$0
SITCRH	Main Float	Fire - Hydrant System (floats)	MF	1	each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Main Float	Fire Protection - Extinguishers	MF	1	each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITCRH	Main Float	Piling	MF	2	each	2	poor		\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,254
SITCRH	Main Float	Piling	MF	2	each	3	fair		\$10,800	\$4,860	State	\$10,800	\$4,860	\$5,400	\$9,763
SITCRH	Main Float	Piling	MF	2	30 each	4	good		\$54,000	\$36,450	State	\$54,000	\$36,450	\$0	\$0
SITCRH	Main Float	Float Structure (Deck)	MF	2	425 lin ft	3	fair		\$106,250	\$47,813	State	\$106,250	\$47,813	\$53,125	\$96,050
SITCRH	Main Float	Float Hinges (Standard)	MF	2	each	2	poor		\$400	\$90	State	\$400	\$90	\$400	\$723
SITCRH	Main Float	Float Hinges (Standard)	MF	2	3 each	3	fair		\$1,200	\$540	State	\$1,200	\$540	\$600	\$1,085
SITCRH	Main Float	Pile Guides (Standard)	MF	2	4 each	3	fair		\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,446
SITCRH	Main Float	Pile Guides (Standard)	MF	2	26 each	4	good		\$10,400	\$7,020	State	\$10,400	\$7,020	\$0	\$0
SITCRH	Main Float	Pile Guides (Standard)	MF	2	each	2	poor		\$400	\$90	State	\$400	\$90	\$400	\$723
SITCRH	Main Float	Pile Guides (Standard)	MF	2	8 each	3	fair		\$3,200	\$1,440	State	\$3,200	\$1,440	\$1,600	\$2,893
SITCRH	Main Float	Finger (or Stall) Floats	MF	2	each	2	poor		\$6,900	\$1,553	State	\$6,900	\$1,553	\$6,900	\$12,475
SITCRH	Main Float	Finger (or Stall) Floats	MF	2	14 each	3	fair		\$96,600	\$43,470	State	\$96,600	\$43,470	\$18,300	\$87,326
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	2	8 each	2	poor		\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,339
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	2	8 each	3	fair		\$2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,170
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	2	12 each	4	good		\$3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
SITCRH	Main Float	Utilities-Light Distribution System	MF	2	each	2	poor		\$43,750	\$9,844	State	\$43,750	\$9,844	\$43,750	\$79,100
SITCRH	Main Float	Utilities - Power System (floats)	MF	2	each	2	poor		\$15,000	\$3,375	State	\$15,000	\$3,375	\$15,000	\$27,120
SITCRH	Main Float	Utilities - Water System (floats)	MF	2	each	4	good		\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
SITCRH	Main Float	Fire - Hydrant System (floats)	MF	2	each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Main Float	Fire Protection - Extinguishers	MF	2	each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITCRH	Main Float	Piling	MF	3	7 each	3	fair		\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,390
SITCRH	Main Float	Piling	MF	3	16 each	4	good		\$28,800	\$19,440	State	\$28,800	\$19,440	\$0	\$0
SITCRH	Main Float	Float Structure (Deck)	MF	3	402 lin ft	3	fair		\$100,500	\$45,225	State	\$100,500	\$45,225	\$50,250	\$90,852
SITCRH	Main Float	Float Hinges (Standard)	MF	3	2 each	4	good		\$800	\$540	State	\$800	\$540	\$0	\$0
SITCRH	Main Float	Pile Guides (Standard)	MF	3	21 each	4	good		\$8,400	\$5,670	State	\$8,400	\$5,670	\$0	\$0
SITCRH	Main Float	Pile Guides (Standard)	MF	3	2 each	3	fair		\$800	\$360	State	\$800	\$360	\$400	\$723
SITCRH	Main Float	Finger (or Stall) Floats	MF	3	each	3	fair		\$2,944	\$1,325	State	\$2,944	\$1,325	\$1,472	\$2,661
SITCRH	Main Float	Finger (or Stall) Floats	MF	3	8 each	3	fair		\$30,912	\$13,910	State	\$30,912	\$13,910	\$15,456	\$27,944
SITCRH	Main Float	Finger (or Stall) Floats	MF	3	each	2	poor		\$6,900	\$1,553	State	\$6,900	\$1,553	\$6,900	\$12,475
SITCRH	Main Float	Finger (or Stall) Floats	MF	3	6 each	3	fair		\$41,400	\$18,630	State	\$41,400	\$18,630	\$20,700	\$37,426
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	3	2 each	2	poor		\$600	\$135	State	\$600	\$135	\$600	\$1,085
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	3	30 each	3	fair		\$9,000	\$4,050	State	\$9,000	\$4,050	\$4,500	\$8,136
SITCRH	Main Float	Utilities-Light Distribution System	MF	3	each	2	poor		\$37,960	\$8,541	State	\$37,960	\$8,541	\$37,960	\$68,632
SITCRH	Main Float	Utilities - Power System (floats)	MF	3	each	2	poor		\$16,000	\$3,600	State	\$16,000	\$3,600	\$16,000	\$28,928
SITCRH	Main Float	Utilities - Water System (floats)	MF	3	each	4	good		\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0

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												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITCRH	Main Float	Fire - Hydrant System (floats)	MF	3	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Main Float	Fire Protection - Extinguishers	MF	3	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITCRH	Main Float	Piling	MF	4	1 each	2	poor		\$2,000	\$430	State	\$2,000	\$430	\$2,000	\$3,616
SITCRH	Main Float	Piling	MF	4	7 each	3	fair		\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,390
SITCRH	Main Float	Piling	MF	4	10 each	4	good		\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
SITCRH	Main Float	Float Structure (Deck)	MF	4	390 lin ft	3	fair		\$97,500	\$43,875	State	\$97,500	\$43,875	\$48,750	\$88,140
SITCRH	Main Float	Float Hinges (Standard)	MF	4	2 each	3	fair		\$800	\$360	State	\$800	\$360	\$400	\$723
SITCRH	Main Float	Pile Guides (Standard)	MF	4	17 each	4	good		\$6,800	\$4,390	State	\$6,800	\$4,390	\$0	\$0
SITCRH	Main Float	Pile Guides (Standard)	MF	4	1 each	1	failed		\$400	\$0	State	\$400	\$0	\$0	\$0
SITCRH	Main Float	Finger (or Stall) Floats	MF	4	9 each	3	fair		\$20,496	\$11,923	State	\$26,496	\$11,923	\$13,248	\$23,952
SITCRH	Main Float	Finger (or Stall) Floats	MF	4	10 each	3	fair		\$38,640	\$17,388	State	\$38,640	\$17,388	\$19,320	\$34,931
SITCRH	Main Float	Finger (or Stall) Floats	MF	4	1 each	3	fair		\$17,250	\$7,763	State	\$17,250	\$7,763	\$8,625	\$15,594
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	4	2 each	2	poor		\$600	\$135	State	\$600	\$135	\$600	\$1,085
SITCRH	Main Float	Finger Float Hinges (Standard)	MF	4	18 each	3	fair		\$5,400	\$2,430	State	\$5,400	\$2,430	\$2,700	\$4,882
SITCRH	Main Float	Utilities-Light Distribution System	MF	4	1 each	2	poor		\$37,410	\$8,417	State	\$37,410	\$8,417	\$37,410	\$67,637
SITCRH	Main Float	Utilities - Power System (floats)	MF	4	1 each	2	poor		\$20,000	\$4,500	State	\$20,000	\$4,500	\$20,000	\$36,160
SITCRH	Main Float	Utilities - Water System (floats)	MF	4	1 each	4	good		\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
SITCRH	Main Float	Fire - Hydrant System (floats)	MF	4	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Main Float	Fire Protection - Extinguishers	MF	4	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITCRH	Main Float	Piling	MF	5	1 each	2	poor		\$1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,254
SITCRH	Main Float	Piling	MF	5	2 each	2	poor		\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,509
SITCRH	Main Float	Piling	MF	5	12 each	2	poor		\$21,600	\$4,860	State	\$21,600	\$4,860	\$21,600	\$39,053
SITCRH	Main Float	Float Structure (Deck)	MF	5	318 lin ft	2	poor		\$85,860	\$19,319	State	\$85,860	\$19,319	\$85,860	\$155,235
SITCRH	Main Float	Float Hinges (Standard)	MF	5	2 each	2	poor		\$800	\$180	State	\$800	\$180	\$800	\$1,446
SITCRH	Main Float	Pile Guides (Standard)	MF	5	1 each	2	poor		\$400	\$90	State	\$400	\$90	\$400	\$723
SITCRH	Main Float	Pile Guides (Standard)	MF	5	14 each	2	poor		\$5,600	\$1,260	State	\$5,600	\$1,260	\$5,600	\$10,125
SITCRH	Main Float	Finger (or Stall) Floats	MF	5	19 each	2	poor		\$47,709	\$10,735	State	\$47,709	\$10,735	\$47,709	\$86,258
SITCRH	Main Float	Utilities-Light Distribution System	MF	5	1 each	2	poor		\$23,145	\$5,208	State	\$23,145	\$5,208	\$23,145	\$41,846
SITCRH	Main Float	Utilities - Power System (floats)	MF	5	1 each	2	poor		\$19,000	\$4,275	State	\$19,000	\$4,275	\$19,000	\$34,352
SITCRH	Main Float	Utilities - Water System (floats)	MF	5	1 each	2	poor		\$5,700	\$1,283	State	\$5,700	\$1,283	\$5,700	\$10,306
SITCRH	Main Float	Fire - Hydrant System (floats)	MF	5	1 each	2	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Main Float	Fire Protection - Extinguishers	MF	5	1 each	2	poor		\$500	\$113	State	\$500	\$113	\$500	\$904
SITCRH	Main Float	Piling	MF	6	10 each	2	poor		\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$32,544
SITCRH	Main Float	Float Structure (Deck)	MF	6	304 lin ft	2	poor		\$54,720	\$12,312	State	\$54,720	\$12,312	\$54,720	\$98,934
SITCRH	Main Float	Float Hinges (Standard)	MF	6	4 each	2	poor		\$1,600	\$360	State	\$1,600	\$360	\$1,600	\$2,893
SITCRH	Main Float	Pile Guides (Standard)	MF	6	13 each	2	poor		\$5,200	\$1,170	State	\$5,200	\$1,170	\$5,200	\$9,402
SITCRH	Main Float	Finger (or Stall) Floats	MF	6	23 each	2	poor		\$42,849	\$9,641	State	\$42,849	\$9,641	\$42,849	\$77,471
SITCRH	Main Float	Utilities-Light Distribution System	MF	6	1 each	2	poor		\$17,055	\$3,837	State	\$17,055	\$3,837	\$17,055	\$30,835
SITCRH	Main Float	Utilities - Power System (floats)	MF	6	1 each	2	poor		\$23,000	\$5,175	State	\$23,000	\$5,175	\$23,000	\$41,584

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												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITCRH	Main Float	Utilities - Water System (floats)	MF	6	1 each	2	poor		\$6,900	\$1,553	State	\$6,900	\$1,553	\$6,900	\$12,475
SITCRH	Main Float	Fire - Hydrant System (floats)	MF	6	1 each	2	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Main Float	Fire Protection - Extinguishers	MF	6	1 each	2	poor		\$500	\$113	State	\$500	\$113	\$500	\$904
SITCRH	Main Float	Piling	MF	7	7 each	2	poor		\$12,600	\$2,835	State	\$12,600	\$2,835	\$12,600	\$22,781
SITCRH	Main Float	Float Structure (Deck)	MF	7	192 lin ft	2	poor		\$34,560	\$7,776	State	\$34,560	\$7,776	\$34,560	\$62,484
SITCRH	Main Float	Float Hinges (Standard)	MF	7	2 each	2	poor		\$800	\$180	State	\$800	\$180	\$800	\$1,446
SITCRH	Main Float	Pile Guides (Standard)	MF	7	7 each	2	poor		\$2,800	\$630	State	\$2,800	\$630	\$2,800	\$5,062
SITCRH	Main Float	Finger (or Stall) Floats	MF	7	13 each	2	poor		\$25,272	\$5,686	State	\$25,272	\$5,686	\$25,272	\$45,692
SITCRH	Main Float	Utilities-Light Distribution System	MF	7	1 each	2	poor		\$10,440	\$2,349	State	\$10,440	\$2,349	\$10,440	\$18,876
SITCRH	Main Float	Utilities - Power System (floats)	MF	7	1 each	2	poor		\$13,000	\$2,925	State	\$13,000	\$2,925	\$13,000	\$23,504
SITCRH	Main Float	Utilities - Water System (floats)	MF	7	1 each	2	poor		\$3,900	\$878	State	\$3,900	\$878	\$3,900	\$7,051
SITCRH	Main Float	Fire - Hydrant System (floats)	MF	7	1 each	2	poor		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Marginal Float	Piling	MG	1	9 each	4	good		\$16,200	\$10,935	State	\$16,200	\$10,935	\$0	\$0
SITCRH	Marginal Float	Float Structure (Deck)	MG	1	440 lin ft	3	fair		\$101,200	\$45,540	State	\$101,200	\$45,540	\$50,600	\$91,485
SITCRH	Marginal Float	Float Hinges (Standard)	MG	1	2 each	3	fair		\$800	\$360	State	\$800	\$360	\$400	\$723
SITCRH	Marginal Float	Pile Guides (Standard)	MG	1	4 each	3	fair		\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,446
SITCRH	Marginal Float	Pile Guides (Standard)	MG	1	5 each	3	fair		\$2,000	\$900	State	\$2,000	\$900	\$1,000	\$1,803
SITCRH	Marginal Float	Finger (or Stall) Floats	MG	1	21 each	3	fair		\$24,633	\$11,085	State	\$24,633	\$11,085	\$12,317	\$22,268
SITCRH	Marginal Float	Finger (or Stall) Floats	MG	1	4 each	4	good		\$5,520	\$3,726	State	\$5,520	\$3,726	\$0	\$0
SITCRH	Marginal Float	Utilities-Light Distribution System	MG	1	1 each	2	poor		\$28,555	\$6,425	State	\$28,555	\$6,425	\$28,555	\$51,627
SITCRH	Marginal Float	Utilities - Power System (floats)	MG	1	1 each	2	poor		\$25,000	\$5,625	State	\$25,000	\$5,625	\$25,000	\$45,200
SITCRH	Marginal Float	Utilities - Water System (floats)	MG	1	1 each	4	good		\$7,500	\$5,063	State	\$7,500	\$5,063	\$0	\$0
SITCRH	Marginal Float	Fire - Hydrant System (floats)	MG	1	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Marginal Float	Fire Protection - Extinguishers	MG	1	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITCRH	Marginal Float	Fire Protection - Fire Pumps	MG	1	1 each	4	good		\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
SITCRH	Marginal Float	Piling	MG	2	4 each	4	good		\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
SITCRH	Marginal Float	Float Structure (Deck)	MG	2	360 lin ft	3	fair		\$82,800	\$37,260	State	\$82,800	\$37,260	\$41,400	\$74,851
SITCRH	Marginal Float	Float Hinges (Standard)	MG	2	4 each	2	poor		\$1,600	\$360	State	\$1,600	\$360	\$1,600	\$2,893
SITCRH	Marginal Float	Pile Guides (Standard)	MG	2	1 each	3	fair		\$400	\$180	State	\$400	\$180	\$200	\$362
SITCRH	Marginal Float	Pile Guides (Standard)	MG	2	1 each	3	fair		\$400	\$180	State	\$400	\$180	\$200	\$362
SITCRH	Marginal Float	Finger (or Stall) Floats	MG	2	19 each	3	fair		\$22,287	\$10,029	State	\$22,287	\$10,029	\$11,144	\$20,147
SITCRH	Marginal Float	Utilities-Light Distribution System	MG	2	1 each	2	poor		\$22,845	\$5,140	State	\$22,845	\$5,140	\$22,845	\$41,304
SITCRH	Marginal Float	Utilities - Power System (floats)	MG	2	1 each	2	poor		\$19,000	\$4,275	State	\$19,000	\$4,275	\$19,000	\$34,352
SITCRH	Marginal Float	Utilities - Water System (floats)	MG	2	1 each	4	good		\$5,700	\$3,848	State	\$5,700	\$3,848	\$0	\$0
SITCRH	Marginal Float	Fire - Hydrant System (floats)	MG	2	1 each	4	good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITCRH	Marginal Float	Fire Protection - Extinguishers	MG	2	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITCRH	Marginal Float	Fire Protection - Fire Pumps	MG	2	1 each	4	good		\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
SITCRH	Marginal Float	Piling	MG	3	6 each	4	good		\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
SITCRH	Marginal Float	Float Structure (Deck)	MG	3	300 lin ft	2	poor		\$81,000	\$18,225	State	\$81,000	\$18,225	\$81,000	\$146,418

Prepared by:

SITCRH

ID	Feature	Item		Feet Est	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITCRH	Marginal Float	Float Hinges (Standard)	MG	3	2 each	3	fair	\$800	\$360	State		\$800	\$360	\$100	\$723
SITCRH	Marginal Float	Pile Guides (Standard)	MG	3	6 each	3	fair	\$2,400	\$1,080	State		\$2,400	\$1,080	\$1,200	\$2,170
SITCRH	Marginal Float	Finger (or Stall) Floats	MG	3	14 each	3	fair	\$15,725	\$7,076	State		\$15,725	\$7,076	\$7,862	\$14,215
SITCRH	Marginal Float	Utilities-Light Distribution System	MG	3	1 each	2	poor	\$17,912	\$4,030	State		\$17,912	\$4,030	\$17,912	\$32,385
SITCRH	Marginal Float	Utilities - Power System (floats)	MG	3	1 each	2	poor	\$14,000	\$3,150	State		\$14,000	\$3,150	\$14,000	\$25,312
SITCRH	Marginal Float	Utilities - Water System (floats)	MG	3	1 each	4	good	\$4,200	\$2,835	State		\$4,200	\$2,835	\$0	\$0
SITCRH	Marginal Float	Fire - Hydrant System (floats)	MG	3	1 each	4	good	\$0	\$0	State		\$0	\$0	\$0	\$0
SITCRH	Marginal Float	Fire Protection - Extinguishers	MG	3	1 each	4	good	\$500	\$338	State		\$500	\$338	\$0	\$0
SITCRH	Marginal Float	Piling	MG	4	2 each	4	good	\$3,600	\$2,430	State		\$3,600	\$2,430	\$0	\$0
SITCRH	Marginal Float	Float Structure (Deck)	MG	4	112 lin ft	2	poor	\$18,144	\$4,082	State		\$18,144	\$4,082	\$18,144	\$32,804
SITCRH	Marginal Float	Pile Guides (Standard)	MG	4	2 each	3	fair	\$800	\$360	State		\$800	\$360	\$400	\$723
SITCRH	Marginal Float	Utilities-Light Distribution System	MG	4	1 each	2	poor	\$3,360	\$756	State		\$3,360	\$756	\$3,360	\$6,075
SITCRH	Marginal Float	Utilities - Power System (general)	MG	4	1 each	2	poor	\$2,016	\$454	State		\$2,016	\$454	\$2,016	\$3,645
SITCRH	Marginal Float	Utilities - Water (float no finger)	MG	4	1 each	4	good	\$0	\$0	State		\$0	\$0	\$0	\$0
SITCRH	Marginal Float	Fire - Hydrant System (general)	MG	4	1 each	4	good	\$672	\$454	State		\$672	\$454	\$0	\$0
SITCRH	Marginal Float	Fire Protection - Extinguishers	MG	4	1 each	4	good	\$500	\$338	State		\$500	\$338	\$0	\$0
SITCRH	Upland Facilities	Facilities - Restrooms	UF		1 each	1	failed	\$5,000	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Facilities - Parking (by stall)	UF		166 stalls	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Utility System -Other(see comments)	UF		1 other	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Disposal - Waste Oil Containers	UF		500 gal	4	good	\$2,500	\$1,688	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Disposal - Solid Waste Containers	UF		150 cu ft	3	fair	\$1,500	\$675	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Facilities - Parking (by stall)	UF	2	10 stalls	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Utility System -Other(see comments)	UF	2	1 other	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Disposal - Waste Oil Containers	UF	2	500 gal	4	good	\$2,500	\$1,688	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Disposal - Solid Waste Containers	UF	2	150 cu ft	3	fair	\$1,500	\$675	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Component - Other (see comments)	UF	2	2 each	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Facilities - Parking (by stall)	UF	3	8 stalls	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Utility System -Other(see comments)	UF	3	1 other	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Disposal - Waste Oil Containers	UF	3	500 gal	4	good	\$2,500	\$1,688	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Disposal - Solid Waste Containers	UF	3	225 cu ft	3	fair	\$2,250	\$1,013	Other		\$0	\$0	\$0	\$0
SITCRH	Upland Facilities	Component - Other (see comments)	UF	3	2 each	4	good	\$0	\$0	Other		\$0	\$0	\$0	\$0
									\$3,424,231	\$1,532,406		\$3,400,981	\$1,521,943	\$1,716,075	\$3,102,664

Prepared by:

SITSCII

SITSCII											State Only				
ID	Feature	Item		Feat Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITSCII	Approach & Gangway	Decking (for fixed structures)	AG	1	40	lin ft	4	good	\$16,000	\$10,800	State	\$16,000	\$10,800	\$0	\$0
SITSCII	Approach & Gangway	Railing	AG	1	80	lin ft	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
SITSCII	Approach & Gangway	Abutment	AG	1	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITSCII	Approach & Gangway	Piling	AG	1	2	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
SITSCII	Approach & Gangway	Support Structure	AG	1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Approach & Gangway	Gangway Deck/Skid	AG	1	1	each	4	good	\$3,900	\$2,633	State	\$3,900	\$2,633	\$0	\$0
SITSCII	Approach & Gangway	Gangway Hinge (top)	AG	1	2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Approach & Gangway	Gangway Railing	AG	1	130	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Approach & Gangway	Gangway Support Structure	AG	1	1	each	4	good	\$23,400	\$15,795	State	\$23,400	\$15,795	\$0	\$0
SITSCII	Approach & Gangway	Gangway Toe (bottom)	AG	1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Approach & Gangway	Decking (for fixed structures)	AG	2	40	lin ft	4	good	\$16,000	\$10,800	State	\$16,000	\$10,800	\$0	\$0
SITSCII	Approach & Gangway	Railing	AG	2	80	lin ft	4	good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
SITSCII	Approach & Gangway	Abutment	AG	2	1	each	4	good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITSCII	Approach & Gangway	Piling	AG	2	2	each	4	good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
SITSCII	Approach & Gangway	Support Structure	AG	2	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Approach & Gangway	Gangway Deck/Skid	AG	2	1	each	4	good	\$3,900	\$2,633	State	\$3,900	\$2,633	\$0	\$0
SITSCII	Approach & Gangway	Gangway Hinge (top)	AG	2	2	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Approach & Gangway	Gangway Railing	AG	2	130	lin ft	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Approach & Gangway	Gangway Support Structure	AG	2	1	each	4	good	\$23,400	\$15,795	State	\$23,400	\$15,795	\$0	\$0
SITSCII	Approach & Gangway	Gangway Toe (bottom)	AG	2	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Gangway Float	Piling	GF	1	1	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
SITSCII	Gangway Float	Float Structure (Deck)	GF	1	16	lin ft	4	good	\$8,400	\$5,670	State	\$8,400	\$5,670	\$0	\$0
SITSCII	Gangway Float	Float Hinges (Heavy Duty)	GF	1	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Gangway Float	Pile Guides (Heavy Duty)	GF	1	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Gangway Float	Utilities-Light Distribution System	GF	1	1	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Gangway Float	Utilities - Power System (general)	GF	1	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Gangway Float	Fire Protection - Extinguishers	GF	1	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Gangway Float	Piling	GF	2	1	each	4	good	\$1,800	\$1,215	State	\$1,800	\$1,215	\$0	\$0
SITSCII	Gangway Float	Float Structure (Deck)	GF	2	16	lin ft	3	fair	\$8,400	\$3,780	State	\$8,400	\$3,780	\$4,200	\$7,594
SITSCII	Gangway Float	Float Hinges (Heavy Duty)	GF	2	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Gangway Float	Pile Guides (Heavy Duty)	GF	2	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Gangway Float	Utilities-Light Distribution System	GF	2	1	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Gangway Float	Utilities - Power System (general)	GF	2	1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Gangway Float	Fire Protection - Extinguishers	GF	2	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Launch Ramp	Abutment	LR		1	each	4	good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITSCII	Launch Ramp	Piling	LR		5	each	4	good	\$7,500	\$5,063	State	\$7,500	\$5,063	\$0	\$0

Prepared by:

SITSCII

ID	Feature	Item		Feat Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITSCII	Launch Ramp	Float Hinges (Standard)	LR		10 each	3	fair		\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,616
SITSCII	Launch Ramp	Float Hinges (Standard)	LR		12 each	4	good		\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0
SITSCII	Launch Ramp	Pile Guides (Standard)	LR		5 each	4	good		\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
SITSCII	Launch Ramp	Ramp Length	LR		230 lin ft	4	good		\$69,000	\$46,575	State	\$69,000	\$46,575	\$0	\$0
SITSCII	Launch Ramp	Ramp Float	LR		230 each	4	good		\$31,740	\$21,425	State	\$31,740	\$21,425	\$0	\$0
SITSCII	Main Float	Piling	MF	A	7 each	4	good		\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0
SITSCII	Main Float	Float Structure (Deck)	MF	A	272 lin ft	4	good		\$65,280	\$44,061	State	\$65,280	\$44,061	\$0	\$0
SITSCII	Main Float	Float Hinges (Heavy Duty)	MF	A	2 each	4	good		\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Main Float	Pile Guides (Heavy Duty)	MF	A	7 each	4	good		\$3,500	\$2,363	State	\$3,500	\$2,363	\$0	\$0
SITSCII	Main Float	Finger (or Stall) Floats	MF	A	1 each	3	fair		\$1,944	\$875	State	\$1,944	\$875	\$972	\$1,757
SITSCII	Main Float	Finger (or Stall) Floats	MF	A	25 each	4	good		\$48,600	\$32,805	State	\$48,600	\$32,805	\$0	\$0
SITSCII	Main Float	Fire Protection - Extinguishers	MF	A	2 each	4	good		\$1,000	\$675	State	\$1,000	\$675	\$0	\$0
SITSCII	Main Float	Piling	MF	B	2 each	4	good		\$4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0
SITSCII	Main Float	Piling	MF	B	8 each	4	good		\$14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
SITSCII	Main Float	Float Structure (Deck)	MF	B	352 lin ft	4	good		\$84,480	\$57,024	State	\$84,480	\$57,024	\$0	\$0
SITSCII	Main Float	Float Hinges (Heavy Duty)	MF	B	2 each	4	good		\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Main Float	Pile Guides (Heavy Duty)	MF	B	10 each	4	good		\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITSCII	Main Float	Finger (or Stall) Floats	MF	B	1 each	3	fair		\$1,944	\$875	State	\$1,944	\$875	\$972	\$1,757
SITSCII	Main Float	Finger (or Stall) Floats	MF	B	27 each	4	good		\$52,488	\$35,429	State	\$52,488	\$35,429	\$0	\$0
SITSCII	Main Float	Utilities-Light Distribution System	MF	B	1 each	4	good		\$24,160	\$16,308	State	\$24,160	\$16,308	\$0	\$0
SITSCII	Main Float	Utilities - Power System (floats)	MF	B	1 each	4	good		\$28,000	\$18,900	State	\$28,000	\$18,900	\$0	\$0
SITSCII	Main Float	Utilities - Water System (floats)	MF	B	1 each	4	good		\$8,400	\$5,670	State	\$8,400	\$5,670	\$0	\$0
SITSCII	Main Float	Fire Protection - Extinguishers	MF	B	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Main Float	Piling	MF	C	8 each	4	good		\$19,200	\$12,960	State	\$19,200	\$12,960	\$0	\$0
SITSCII	Main Float	Piling	MF	C	3 each	4	good		\$5,400	\$3,645	State	\$5,400	\$3,645	\$0	\$0
SITSCII	Main Float	Float Structure (Deck)	MF	C	400 lin ft	4	good		\$96,000	\$64,800	State	\$96,000	\$64,800	\$0	\$0
SITSCII	Main Float	Float Hinges (Heavy Duty)	MF	C	2 each	4	good		\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Main Float	Pile Guides (Heavy Duty)	MF	C	11 each	4	good		\$5,500	\$3,713	State	\$5,500	\$3,713	\$0	\$0
SITSCII	Main Float	Finger (or Stall) Floats	MF	C	32 each	4	good		\$62,208	\$41,990	State	\$62,208	\$41,990	\$0	\$0
SITSCII	Main Float	Utilities-Light Distribution System	MF	C	1 each	4	good		\$27,520	\$18,576	State	\$27,520	\$18,576	\$0	\$0
SITSCII	Main Float	Utilities - Power System (floats)	MF	C	1 each	4	good		\$32,000	\$21,600	State	\$32,000	\$21,600	\$0	\$0
SITSCII	Main Float	Utilities - Water System (floats)	MF	C	1 each	4	good		\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
SITSCII	Main Float	Fire Protection - Extinguishers	MF	C	1 each	4	good		\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Main Float	Piling	MF	D	13 each	4	good		\$25,350	\$17,111	State	\$25,350	\$17,111	\$0	\$0
SITSCII	Main Float	Float Structure (Deck)	MF	D	400 lin ft	4	good		\$96,000	\$64,800	State	\$96,000	\$64,800	\$0	\$0
SITSCII	Main Float	Float Hinges (Heavy Duty)	MF	D	2 each	4	good		\$1,200	\$810	State	\$1,200	\$810	\$0	\$0

Prepared by:

SITSCH

ID	Feature	Item		Feat Ext	Quan tity	Unit	Condi tion	Desc.	Estimated Replacement Cost	In-place Value	Owner "State " or "Other "	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITSCII	Main Float	Pile Guides (Heavy Duty)	-	MF D	13	each	4	good	\$6,500	\$4,388	State	\$6,500	\$4,388	\$0	\$0
SITSCII	Main Float	Finger (or Stall) Floats		MF D	26	each	4	good	\$63,180	\$42,647	State	\$63,180	\$42,647	\$0	\$0
SITSCII	Main Float	Utilities-Light Distribution System		MF D	1	each	4	good	\$27,700	\$18,698	State	\$27,700	\$18,698	\$0	\$0
SITSCII	Main Float	Utilities - Power System (floats)		MF D	1	each	4	good	\$26,000	\$17,550	State	\$26,000	\$17,550	\$0	\$0
SITSCII	Main Float	Utilities - Water System (floats)		MF D	1	each	4	good	\$7,800	\$5,265	State	\$7,800	\$5,265	\$0	\$0
SITSCII	Main Float	Fire Protection - Extinguishers		MF D	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Main Float	Piling		MF E	11	each	4	good	\$19,800	\$13,365	State	\$19,800	\$13,365	\$0	\$0
SITSCII	Main Float	Float Structure (Deck)		MF E	344	lin ft	4	good	\$82,560	\$55,728	State	\$82,560	\$55,728	\$0	\$0
SITSCII	Main Float	Float Hinges (Heavy Duty)		MF E	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Main Float	Pile Guides (Heavy Duty)		MF F	11	each	4	good	\$5,500	\$3,713	State	\$5,500	\$3,713	\$0	\$0
SITSCII	Main Float	Finger (or Stall) Floats		MF E	21	each	4	good	\$51,730	\$34,445	State	\$51,030	\$34,445	\$0	\$0
SITSCII	Main Float	Utilities-Light Distribution System		MF E	1	each	4	good	\$23,210	\$15,667	State	\$23,210	\$15,667	\$0	\$0
SITSCII	Main Float	Utilities - Power System (floats)		MF E	1	each	4	good	\$21,000	\$14,175	State	\$21,000	\$14,175	\$0	\$0
SITSCII	Main Float	Utilities - Water System (floats)		MF E	1	each	4	good	\$6,300	\$4,250	State	\$6,300	\$4,253	\$0	\$0
SITSCII	Main Float	Fire Protection - Extinguishers		MF E	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Main Float	Piling		MF F	1	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
SITSCII	Main Float	Piling		MF F	13	each	4	good	\$23,400	\$15,795	State	\$23,400	\$15,795	\$0	\$0
SITSCII	Main Float	Float Structure (Deck)		MF F	208	lin ft	4	good	\$49,920	\$33,696	State	\$49,920	\$33,696	\$0	\$0
SITSCII	Main Float	Float Hinges (Heavy Duty)		MF F	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Main Float	Pile Guides (Heavy Duty)		MF F	1	each	2	poor	\$500	\$113	State	\$500	\$113	\$500	\$904
SITSCII	Main Float	Pile Guides (Heavy Duty)		MF F	13	each	4	good	\$6,500	\$4,388	State	\$6,500	\$4,388	\$0	\$0
SITSCII	Main Float	Finger (or Stall) Floats		MF F	2	each	3	fair	\$6,480	\$2,916	State	\$6,480	\$2,916	\$3,240	\$5,858
SITSCII	Main Float	Finger (or Stall) Floats		MF F	6	each	4	good	\$19,440	\$13,122	State	\$19,440	\$13,122	\$0	\$0
SITSCII	Main Float	Finger Float Hinges (Heavy Duty)		MF F	16	each	4	good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
SITSCII	Main Float	Utilities-Light Distribution System		MF F	1	each	4	good	\$13,120	\$8,856	State	\$13,120	\$8,856	\$0	\$0
SITSCII	Main Float	Utilities - Power System (floats)		MF F	1	each	4	good	\$8,000	\$5,400	State	\$8,000	\$5,400	\$0	\$0
SITSCII	Main Float	Utilities - Water System (floats)		MF F	1	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
SITSCII	Main Float	Fire Protection - Extinguishers		MF F	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Main Float	Piling		MF T	8	each	4	good	\$14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
SITSCII	Main Float	Float Structure (Deck)		MF T	304	lin ft	4	good	\$72,960	\$49,248	State	\$72,960	\$49,248	\$0	\$0
SITSCII	Main Float	Float Hinges (Heavy Duty)		MF T	2	each	4	good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
SITSCII	Main Float	Pile Guides (Heavy Duty)		MF T	8	each	4	good	\$4,000	\$2,700	State,	\$4,000	\$2,700	\$0	\$0
SITSCII	Main Float	Finger (or Stall) Floats		MF T	1	each	2	poor	\$1,458	\$328	State	\$1,458	\$328	\$1,458	\$2,636
SITSCII	Main Float	Finger (or Stall) Floats		MF T	2	each	3	fair	\$1,240	\$1,458	State	\$1,240	\$1,458	\$1,620	\$2,929
SITSCII	Main Float	Finger (or Stall) Floats		MF T	5	each	4	good	\$8,100	\$5,468	State	\$8,100	\$5,468	\$0	\$0
SITSCII	Main Float	Utilities-Light Distribution System		MF T	1	each	4	good	\$14,530	\$9,808	State	\$14,530	\$9,808	\$0	\$0

Prepared by:

SITSCII

SITSCII											State Only				
ID	Feature	Item		Fest Ext	Quan tity	Unit	Condit on	Desc.	Estimated Replacement Cost	In-place Value	Owner "State " or "Other "	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITSCII	Main Float	Utilities - Power System (floats)	MF	T	1	each	4	good	\$8,000	\$400	State	\$8,000	\$5,400	\$0	\$0
SITSCII	Main Float	Utilities - Water System (floats)	MF	T	1	each	4	good	\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
SITSCII	Main Float	Fire Protection - Extinguishers	MF	T	1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Marginal Float	Piling	MG		5	each	4	good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
SITSCII	Marginal Float	Piling	MG		11	each	4	good	\$19,800	\$13,365	State	\$19,800	\$13,365	\$0	\$0
SITSCII	Marginal Float	Float Structure (Deck)	MG		644	lin ft	4	good	\$139,104	\$93,895	State	\$139,104	\$93,895	\$0	\$0
SITSCII	Marginal Float	Pile Guides (Heavy Duty)	MG		3	each	4	good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
SITSCII	Marginal Float	Pile Guides (Heavy Duty)	MG		13	each	4	good	\$6,500	\$4,388	State	\$6,500	\$4,388	\$0	\$0
SITSCII	Marginal Float	Finger (or Stall) Floats	MG		3	each	3	fair	\$4,131	\$1,859	State	\$4,131	\$1,859	\$2,066	\$3,734
SITSCII	Marginal Float	Finger (or Stall) Floats	MG		14	each	4	good	\$19,278	\$13,013	State	\$19,278	\$13,013	\$0	\$0
SITSCII	Marginal Float	Finger (or Stall) Floats	MG		4	each	3	fair	\$6,480	\$2,916	State	\$6,480	\$2,916	\$3,240	\$5,858
SITSCII	Marginal Float	Finger (or Stall) Floats	MG		8	each	4	good	\$12,960	\$8,748	State	\$12,960	\$8,748	\$0	\$0
SITSCII	Marginal Float	Utilities-Light Distribution System	MG		1	each	4	good	\$33,695	\$22,744	State	\$33,695	\$22,744	\$0	\$0
SITSCII	Marginal Float	Utilities - Water System (floats)	MG		1	each	4	good	\$8,700	\$5,873	State	\$8,700	\$5,873	\$0	\$0
SITSCII	Marginal Float	Fire Protection - Extinguishers	MG		1	each	4	good	\$500	\$338	State	\$500	\$338	\$0	\$0
SITSCII	Upland Facilities	Facilities - Restrooms	UF		1	each	4	good	\$5,000	\$3,375	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Facilities - Parking (by stall)	UF		254	stalls	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Facilities - Other (see comments)	UF		1	other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Utilities-Light Distribution System	UF		1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Utility System - Other (see comments)	UF		1	other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Disposal - Waste Oil Containers	UF		500	gal	4	good	\$2,500	\$1,688	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Disposal - Solid Waste Containers	UF		300	cu ft	4	good	\$3,000	\$2,025	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Utilities - Power System (general)	UF	1	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Facilities - Parking (by stall)	UF	2	27	stalls	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Utilities - Water System (general)	UF	2	1	each	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Utility System - Other (see comments)	UF	2	1	other	4	good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITSCII	Upland Facilities	Disposal - Solid Waste Containers	UF	2	75	cu ft	4	good	\$750	\$506	Other	\$0	\$0	\$0	\$0
									\$1,897,740	\$1,271,854		\$1,886,490	\$1,264,260	\$20,268	\$36,644

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ID	Feature	Item		Feet Ext	Quan tity	Unit	Condi tion	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" "or" "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITANB	Approach & Gangway	Decking (for fixed structures)	AG	1	170	lin ft	4	Good	\$34,000	\$22,950	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Railing	AG	1	315	lin ft	4	Good	\$7,875	\$5,316	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Abutment	AG	1	2	each	4	Good	\$10,000	\$6,750	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Piling	AG	1	24	each	4	Good	\$57,600	\$38,880	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Cross Braces	AG	1	24	each	3	Fair	\$4,800	\$2,160	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Support Structure	AG	1	1	each	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Gangway Deck/Skid	AG	1	1	each	3	Fair	\$3,000	\$1,350	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Gangway Hinge (top)	AG	1	2	each	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Gangway Railing	AG	1	100	lin ft	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Gangway Support Structure	AG	1	1	each	4	Good	\$18,000	\$12,150	Other	\$0	\$0	\$0	\$0
SITANB	Approach & Gangway	Gangway Toe (bottom)	AG	1	1	each	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Floating	BW	4	352	lin ft	3	Fair	\$228,800	\$102,960	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Piling	BW	4	14	each	4	Good	\$25,200	\$17,010	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Pile Guides (Standard)	BW	4	1	each	1	Failed	\$400	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Pile Guides (Standard)	BW	4	13	each	4	Good	\$5,200	\$3,510	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Utilities-Light Distribution System	BW	4	1	each	4	Good	\$22,880	\$15,444	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Utilities - Power System (general)	BW	4	1	each	4	Good	\$13,728	\$9,266	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Utilities - Water System (general)	BW	4	1	each	3	Fair	\$9,152	\$4,118	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Fire - Hydrant System (general)	BW	4	1	each	4	Good	\$4,576	\$3,089	Other	\$0	\$0	\$0	\$0
SITANB	Breakwater	Fire Protection - Extinguishers	BW	4	1	each	4	Good	\$500	\$338	Other	\$0	\$0	\$0	\$0
SITANB	Gangway Float	Float Structure (Deck)	GF	1	18	lin ft	3	Fair	\$10,800	\$4,860	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Piling	MF	1	19	each	4	Good	\$15,600	\$30,780	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Float Structure (Deck)	MF	1	220	lin ft	3	Fair	\$55,000	\$24,750	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Float Hinges (Standard)	MF	1	2	each	3	Fair	\$800	\$360	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Pile Guides (Standard)	MF	1	18	each	4	Good	\$7,200	\$4,860	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger (or Stall) Floats	MF	1	3	each	3	Fair	\$11,040	\$4,968	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger (or Stall) Floats	MF	1	6	each	4	Good	\$22,080	\$14,904	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger Float Hinges (Standard)	MF	1	18	each	4	Good	\$5,400	\$3,645	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities-Light Distribution System	MF	1	1	each	4	Good	\$18,200	\$12,285	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities - Power System (floats)	MF	1	1	each	3	Fair	\$9,000	\$4,050	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities - Water System (floats)	MF	1	1	each	4	Good	\$2,700	\$1,823	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Fire - Hydrant System (floats)	MF	1	1	each	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Fire Protection - Extinguishers	MF	1	1	each	4	Good	\$500	\$338	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Piling	MF	2	17	each	5	New	\$40,800	\$36,720	Other	\$0	\$0	\$0	\$0

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											State Only			
ID	Feature	Item	Feat Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITANB	Main Float	Float Structure (Deck)	MF 2	230	lin ft	3	Fair	\$57,500	\$25,875	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Float Hinges (Standard)	MF 2	2	each	3	Fair	\$800	\$360	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Pile Guides (Standard)	MF 2	17	each	4	Good	\$6,800	\$4,590	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger (or Stall) Floats	MF 2	3	each	3	Fair	\$8,280	\$3,726	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger (or Stall) Floats	MF 2	7	each	4	Good	\$19,320	\$13,041	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger Float Hinges (Standard)	MF 2	40	each	3	Fair	\$12,000	\$5,400	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities-Light Distribution System	MF 2	1	each	4	Good	\$17,500	\$11,813	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities - Power System (floats)	MF 2	1	each	4	Good	\$10,000	\$6,750	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities - Water System (floats)	MF 2	1	each	4	Good	\$3,000	\$2,025	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utility System -Other(see comments)	MF 2	1	other	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Fire - Hydrant System (floats)	MF 2	1	each	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Piling	MF 3	19	each	4	Good	\$45,600	\$30,780	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Float Structure (Deck)	MF 3	191	lin ft	3	Fair	\$47,750	\$21,488	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Float Hinges (Standard)	MF 3	2	each	2	Poor	\$800	\$180	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Pile Guides (Standard)	MF 3	19	each	4	Good	\$7,600	\$5,130	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger (or Stall) Floats	MF 3	4	each	4	Good	\$13,248	\$8,942	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger (or Stall) Floats	MF 3	4	each	4	Good	\$27,600	\$18,630	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger Float Hinges (Standard)	MF 3	8	each	3	Fair	\$2,400	\$1,080	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Finger Float Hinges (Standard)	MF 3	8	each	4	Good	\$2,400	\$1,620	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities-Light Distribution System	MF 3	1	each	4	Good	\$18,430	\$12,440	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities - Power System (floats)	MF 3	1	each	4	Good	\$8,000	\$5,400	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utilities - Water System (floats)	MF 3	1	each	4	Good	\$2,400	\$1,620	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Utility System -Other(see comments)	MF 3	1	other	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Fire - Hydrant System (floats)	MF 3	1	each	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Main Float	Fire Protection - Extinguishers	MF 3	1	each	4	Good	\$500	\$338	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Piling	MG 1	2	each	4	Good	\$4,800	\$3,240	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Piling	MG 1	10	each	4	Good	\$18,000	\$12,150	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Float Structure (Deck)	MG 1	435	lin ft	4	Good	\$100,050	\$67,534	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Pile Guides (Standard)	MG 1	5	each	4	Good	\$2,000	\$1,350	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Pile Guides (Standard)	MG 1	7	each	4	Good	\$2,800	\$1,890	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Finger (or Stall) Floats	MG 1	16	each	3	Fair	\$18,768	\$8,446	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Finger Float Hinges (Standard)	MG 1	16	each	3	Fair	\$4,800	\$2,160	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Utilities-Light Distribution System	MG 1	1	each	4	Good	\$25,830	\$17,435	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Utilities - Power System (floats)	MG 1	1	each	4	Good	\$16,000	\$10,800	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Utilities - Water System (floats)	MG 1	1	each	4	Good	\$4,800	\$3,240	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Fire - Hydrant System (floats)	MG 1	1	each	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Marginal Float	Fire Protection - Extinguishers	MG 1	1	each	4	Good	\$500	\$338	Other	\$0	\$0	\$0	\$0

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SITANB											State Only				
ID	Feature	Item		Feat Ext	Quan tity	Unit	Condi tion	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITANB	Upland Facilities	Facilities - Restrooms	UF		1	each	4	Good	\$5,000	\$3,375	Other	\$0	\$0	\$0	\$0
SITANB	Upland Facilities	Facilities - Parking (by stall)	UF		60	stalls	3	Fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Upland Facilities	Utility System -Other(see comm	UF		3	other	4	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITANB	Upland Facilities	Disposal - Waste Oil Containers	UF		500	g l	4	Good	\$2,500	\$1,688	Other	\$0	\$0	\$0	\$0
SITANB	Upland Facilities	Disposal - Solid Waste Container	UF		400	cu ft	4	Good	\$4,000	\$2,700	Other	\$0	\$0	\$0	\$0
									\$1,196,607	\$707,204		\$0	\$0	\$0	\$0

SITTHII

State Only

ID	Feature	Item	Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITTHII	Approach & Gangway	Decking (for fixed structures)	AG	1	100 lin ft	4	Good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
SITTHII	Approach & Gangway	Railing	AG	1	200 lin ft	4	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITTHII	Approach & Gangway	Abutment	AG	1	1 each	4	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
SITTHII	Approach & Gangway	Piling	AG	1	8 each	4	Good	\$19,200	\$12,960	State	\$19,200	\$12,960	\$0	\$0
SITTHII	Approach & Gangway	Cross Braces	AG	1	8 each	3	Fair	\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,446
SITTHII	Approach & Gangway	Support Structure	AG	1	1 each	4	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHII	Approach & Gangway	Gangway Deck/Skid	AG	1	1 each	4	Good	\$3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
SITTHII	Approach & Gangway	Gangway Hinge (top)	AG	1	2 each	4	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHII	Approach & Gangway	Gangway Railing	AG	1	100 lin ft	4	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHII	Approach & Gangway	Gangway Support Structure	AG	1	1 each	4	Good	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
SITTHII	Approach & Gangway	Gangway Toe (bottom)	AG	1	1 each	4	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHII	Main Float	Piling	MF	A	4 each	2	Fair	\$7,200	\$1,620	State	\$7,200	\$1,620	\$7,200	\$13,018
SITTHII	Main Float	Piling	MF	A	14 each	2	Good	\$25,200	\$5,670	State	\$25,200	\$5,670	\$25,200	\$45,562
SITTHII	Main Float	Float Structure (Deck)	MF	A	275 lin ft	2	Fair	\$55,000	\$12,375	State	\$55,000	\$12,375	\$55,000	\$99,440
SITTHII	Main Float	Float Hinges (Standard)	MF	A	2 each	2	Good	\$800	\$180	State	\$800	\$180	\$800	\$1,446
SITTHII	Main Float	Pile Guides (Standard)	MF	A	1 each	1	Failed	\$400	\$0	State	\$400	\$0	\$0	\$0
SITTHII	Main Float	Pile Guides (Standard)	MF	A	4 each	2	Fair	\$1,600	\$360	State	\$1,600	\$360	\$1,600	\$2,893
SITTHII	Main Float	Pile Guides (Standard)	MF	A	9 each	2	Good	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,509
SITTHII	Main Float	Finger (or Stall) Floats	MF	A	2 each	2	Poor	\$7,360	\$1,636	State	\$7,360	\$1,636	\$7,360	\$13,307
SITTHII	Main Float	Finger (or Stall) Floats	MF	A	4 each	2	Fair	\$14,720	\$3,312	State	\$14,720	\$3,312	\$14,720	\$26,614
SITTHII	Main Float	Finger (or Stall) Floats	MF	A	1 each	2	Good	\$3,680	\$828	State	\$3,680	\$828	\$3,680	\$6,653
SITTHII	Main Float	Finger Float Hinges (Standard)	MF	A	12 each	2	Fair	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,509
SITTHII	Main Float	Finger Float Hinges (Standard)	MF	A	2 each	2	Good	\$600	\$135	State	\$600	\$135	\$600	\$1,085
SITTHII	Main Float	Utilities-Light Distribution System	MF	A	1 each	2	Good	\$16,600	\$3,735	State	\$16,600	\$3,735	\$16,600	\$30,013
SITTHII	Main Float	Utilities - Power System (floats)	MF	A	1 each	2	Good	\$7,000	\$1,575	State	\$7,000	\$1,575	\$7,000	\$12,656
SITTHII	Main Float	Utilities - Water System (floats)	MF	A	1 each	2	Fair	\$2,100	\$473	State	\$2,100	\$473	\$2,100	\$3,797
SITTHII	Main Float	Utility System -Other(see comments)	MF	A	1 other	2	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHII	Main Float	Fire - Hydrant System (floats)	MF	A	1 each	2	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHII	Main Float	Piling	MF	B	10 each	4	Good	\$18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
SITTHII	Main Float	Float Structure (Deck)	MF	B	275 lin ft	3	Fair	\$55,000	\$24,750	State	\$55,000	\$24,750	\$27,500	\$49,720
SITTHII	Main Float	Float Hinges (Standard)	MF	B	2 each	4	Good	\$800	\$540	State	\$800	\$540	\$0	\$0
SITTHII	Main Float	Pile Guides (Standard)	MF	B	10 each	3	Fair	\$4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,616
SITTHII	Main Float	Finger (or Stall) Floats	MF	B	18 each	3	Fair	\$51,336	\$23,101	State	\$51,336	\$23,101	\$25,668	\$46,408
SITTHII	Main Float	Finger (or Stall) Floats	MF	B	1 each	3	Fair	\$17,112	\$7,700	State	\$17,112	\$7,700	\$8,556	\$15,469
SITTHII	Main Float	Utilities-Light Distribution System	MF	B	1 each	4	Good	\$25,880	\$17,469	State	\$25,880	\$17,469	\$0	\$0
SITTHII	Main Float	Utilities - Power System (floats)	MF	B	1 each	4	Good	\$19,000	\$12,825	State	\$19,000	\$12,825	\$0	\$0
SITTHII	Main Float	Utilities - Water System (floats)	MF	B	1 each	3	Fair	\$5,700	\$2,565	State	\$5,700	\$2,565	\$2,850	\$5,153
SITTHII	Main Float	Utility System -Other(see comments)	MF	B	1 other	4	Good	\$0	\$0	State	\$0	\$0	\$0	\$0

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ID	Feature	Item		Feet Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITTHH	Main Float	Fire - Hydrant System (floats)	MF	0	1 each	4	Good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHH	Main Float	Piling	MF	C	1 each	3	Fair		\$1,800	\$810	State	\$1,800	\$810	\$900	\$1,627
SITTHH	Main Float	Piling	MF	C	7 each	4	Good		\$12,600	\$8,505	State	\$12,600	\$8,505	\$0	\$0
SITTHH	Main Float	Float Structure (Deck)	MF	C	287 lin ft	3	Fair		\$43,050	\$19,373	State	\$43,050	\$19,373	\$21,525	\$38,917
SITTHH	Main Float	Float Hinges (Standard)	MF	C	2 each	3	Fair		\$800	\$360	State	\$800	\$360	\$400	\$723
SITTHH	Main Float	Pile Guides (Standard)	MF	C	8 each	3	Fair		\$3,200	\$1,440	State	\$3,200	\$1,440	\$1,600	\$2,893
SITTHH	Main Float	Finger (or Stall) Floats	MF	C	22 each	3	Fair		\$34,914	\$15,711	State	\$34,914	\$15,711	\$17,457	\$31,562
SITTHH	Main Float	Utilities-Light Distribution System	MF	C	1 each	4	Good		\$16,200	\$10,935	State	\$16,200	\$10,935	\$0	\$0
SITTHH	Main Float	Utilities - Power System (floats)	MF	C	1 each	4	Good		\$22,000	\$14,850	State	\$22,000	\$14,850	\$0	\$0
SITTHH	Main Float	Utilities - Water System (floats)	MF	C	1 each	4	Good		\$6,600	\$4,455	State	\$6,600	\$4,455	\$0	\$0
SITTHH	Main Float	Fire - Hydrant System (floats)	MF	C	1 each	4	Good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHH	Main Float	Piling	MF	D	6 each	4	Good		\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
SITTHH	Main Float	Float Structure (Deck)	MF	D	262 lin ft	3	Fair		\$39,300	\$17,685	State	\$39,300	\$17,685	\$19,650	\$35,527
SITTHH	Main Float	Float Hinges (Standard)	MF	D	2 each	2	Poor		\$800	\$180	State	\$800	\$180	\$800	\$1,446
SITTHH	Main Float	Pile Guides (Standard)	MF	D	2 each	3	Fair		\$800	\$360	State	\$800	\$360	\$400	\$723
SITTHH	Main Float	Pile Guides (Standard)	MF	D	4 each	4	Good		\$1,600	\$1,080	State	\$1,600	\$1,080	\$0	\$0
SITTHH	Main Float	Finger (or Stall) Floats	MF	D	19 each	3	Fair		\$30,153	\$13,569	State	\$30,153	\$13,569	\$15,077	\$27,258
SITTHH	Main Float	Utilities-Light Distribution System	MF	D	1 each	4	Good		\$14,415	\$9,730	State	\$14,415	\$9,730	\$0	\$0
SITTHH	Main Float	Utilities - Power System (floats)	MF	D	1 each	4	Good		\$19,000	\$12,825	State	\$19,000	\$12,825	\$0	\$0
SITTHH	Main Float	Utilities - Water System (floats)	MF	D	1 each	4	Good		\$5,700	\$3,848	State	\$5,700	\$3,848	\$0	\$0
SITTHH	Main Float	Fire - Hydrant System (floats)	MF	D	1 each	4	Good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHH	Main Float	Piling	MF	E	3 each	4	Good		\$7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
SITTHH	Main Float	Piling	MF	E	6 each	4	Good		\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
SITTHH	Main Float	Float Structure (Deck)	MF	E	237 lin ft	3	Fair		\$35,550	\$15,998	State	\$35,550	\$15,998	\$17,775	\$32,137
SITTHH	Main Float	Float Hinges (Standard)	MF	E	2 each	3	Fair		\$800	\$360	State	\$800	\$360	\$400	\$723
SITTHH	Main Float	Pile Guides (Standard)	MF	E	7 each	4	Good		\$2,800	\$1,890	State	\$2,800	\$1,890	\$0	\$0
SITTHH	Main Float	Finger (or Stall) Floats	MF	E	17 each	3	Fair		\$26,979	\$12,141	State	\$26,979	\$12,141	\$13,490	\$24,389
SITTHH	Main Float	Utilities-Light Distribution System	MF	E	1 each	4	Good		\$12,975	\$8,758	State	\$12,975	\$8,758	\$0	\$0
SITTHH	Main Float	Utilities - Power System (floats)	MF	E	1 each	4	Good		\$17,000	\$11,475	State	\$17,000	\$11,475	\$0	\$0
SITTHH	Main Float	Utilities - Water System (floats)	MF	E	1 each	3	Fair		\$5,100	\$2,295	State	\$5,100	\$2,295	\$2,550	\$1,610
SITTHH	Main Float	Fire - Hydrant System (floats)	MF	E	1 each	4	Good		\$0	\$0	State	\$0	\$0	\$0	\$0
SITTHH	Main Float	Piling	MF	F	6 each	4	Good		\$10,800	\$7,290	State	\$10,800	\$7,290	\$0	\$0
SITTHH	Main Float	Float Structure (Deck)	MF	F	100 lin ft	3	Fair		\$30,000	\$13,500	State	\$30,000	\$13,500	\$15,000	\$27,120
SITTHH	Main Float	Float Hinges (Standard)	MF	F	2 each	3	Fair		\$800	\$360	State	\$800	\$360	\$400	\$723
SITTHH	Main Float	Pile Guides (Standard)	MF	F	6 each	4	Good		\$2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
SITTHH	Main Float	Finger (or Stall) Floats	MF	F	19 each	3	Fair		\$22,287	\$10,029	State	\$22,287	\$10,029	\$11,144	\$20,147
SITTHH	Main Float	Utilities-Light Distribution System	MF	F	1 each	4	Good		\$10,845	\$7,320	State	\$10,845	\$7,320	\$0	\$0
SITTHH	Main Float	Utilities - Water System (floats)	MF	F	1 each	4	Good		\$5,700	\$3,818	State	\$5,700	\$3,818	\$0	\$0

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ID	Feature	Item		Fent Ext	Quantity	Unit	Conditi on	Desc.	Estimated Replacement Cost	In-place Value	Owner "State " or "Other "	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITTHH	Marginal Float	Piling	MG	1	2 each	3	Good	\$4,800	\$2,160	State		\$4,800	\$2,160	\$2,400	\$4,339
SITTHH	Marginal Float	Piling	MG	1	16 each	3	Good	\$28,800	\$12,960	State		\$28,800	\$12,960	\$14,400	\$26,035
SITTHH	Marginal Float	Float Structure (Deck)	MG	1	649 lin ft	3	Fair	\$149,270	\$67,172	State		\$149,270	\$67,172	\$74,635	\$134,940
SITTHH	Marginal Float	Pile Guides (Standard)	MG	1	18 each	3	Good	\$7,200	\$3,240	State		\$7,200	\$3,240	\$3,600	\$6,509
SITTHH	Marginal Float	Finger (or Stall) Floats	MG	1	19 each	3	Fair	\$30,153	\$13,569	State		\$30,153	\$13,569	\$15,077	\$27,258
SITTHH	Marginal Float	Finger Float Hinges (Standard)	MG	1	4 each	3	Good	\$1,200	\$540	State		\$1,200	\$540	\$600	\$1,085
SITTHH	Marginal Float	Utilities-Light Distribution System	MG	1	1 each	3	Good	\$39,005	\$17,552	State		\$39,005	\$17,552	\$19,503	\$35,261
SITTHH	Marginal Float	Utilities - Power System (floats)	MG	1	1 each	3	Good	\$14,000	\$8,550	State		\$19,000	\$8,550	\$9,500	\$17,176
SITTHH	Marginal Float	Utilities - Water System (floats)	MG	1	1 each	3	Fair	\$5,700	\$2,565	State		\$5,700	\$2,565	\$2,850	\$5,153
SITTHH	Marginal Float	Fire Protection - Extinguishers	MG	1	1 each	3	Good	\$500	\$225	Other		\$0	\$0	\$0	\$0
SITTHH	Marginal Float	Fire Protection - Fire Pumps	MG	1	2 each	3	Good	\$3,000	\$1,350	Other		\$0	\$0	\$0	\$0
SITTHH	Upland Facilities	Facilities - Harbor Office	UF		1200 sq ft	5	New	\$120,000	\$108,000	Other		\$0	\$0	\$0	\$0
SITTHH	Upland Facilities	Facilities - Restrooms	UF		1 each	4	Good	\$5,000	\$3,375	Other		\$0	\$0	\$0	\$0
SITTHH	Upland Facilities	Facilities - Parking (by stall)	UF		75 stalls	4	Good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITTHH	Upland Facilities	Utilities-Light Distribution System	UF		1 each	4	Good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITTHH	Upland Facilities	Utility System - Other (see comments)	UF		5 other	4	Good	\$0	\$0	Other		\$0	\$0	\$0	\$0
SITTHH	Upland Facilities	Disposal - Waste Oil Containers	UF		500 gal	4	Good	\$2,500	\$1,688	Other		\$0	\$0	\$0	\$0
									\$1,291,984	\$674,128		\$1,160,984	\$559,490	\$497,565	\$899,597

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SITTIIN

ID	Community	Feature	Item		Feet Ext	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			Proposed State Action
													Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	
SITTIIN	Sitka	Approach & Gangway	Abutment	AG	1A	1 each	S	New		\$5,000	\$4,500	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Deck/Skid	AG	1A	1 each	S	New		\$6,000	\$5,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Hinge (top)	AG	1A	2 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Railing	AG	1A	200 lin ft	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Support Structure	AG	1A	1 each	S	New		\$36,000	\$32,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Toe (bottom)	AG	1A	1 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Abutment	AG	1B	1 each	S	New		\$5,000	\$4,500	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Deck/Skid	AG	1B	1 each	S	New		\$10,000	\$9,000	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Hinge (top)	AG	1B	2 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Railing	AG	1B	200 lin ft	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Support Structure	AG	1B	1 each	S	New		\$60,000	\$54,000	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Approach & Gangway	Gangway Toe (bottom)	AG	1B	1 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Breakwater	Floating	BW		lin ft	3	Fair		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Breakwater	Component - Other (see comment)	BW		7 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Breakwater	Component - Other (see comment)	BW		30 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Gangway Float	Piling	GF	1	8 each	S	New		\$25,600	\$23,040	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Gangway Float	Float Structure (Deck)	GF	1	lin ft	S	New		\$228,000	\$205,200	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Gangway Float	Pile Guides (Heavy Duty)	GF	1	8 each	S	New		\$4,000	\$3,600	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Gangway Float	Utilities-Light Distribution System	GF	1	1 each	S	New		\$38,000	\$34,200	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Gangway Float	Utilities - Water System (general)	GF	1	1 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Gangway Float	Fire - Hydrant System (general)	GF	1	1 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	1	15 each	S	New		\$36,000	\$32,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	1	150 lin ft	S	New		\$37,500	\$33,750	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	1	2 each	S	New		\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	1	15 each	S	New		\$7,500	\$6,750	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	1	4 each	S	New		\$27,600	\$24,840	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	1	1 each	S	New		\$23,000	\$20,700	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	1	10 each	S	New		\$6,000	\$5,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	1	1 each	S	New		\$18,500	\$16,650	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	1	1 each	S	New		\$5,000	\$4,500	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	1	1 each	S	New		\$1,500	\$1,350	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	1	1 each	S	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	10	19 each	S	New		\$45,600	\$41,040	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	10	6 each	S	New		\$19,200	\$17,280	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	10	250 lin ft	S	New		\$62,500	\$56,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	10	2 each	S	New		\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	10	25 each	S	New		\$12,500	\$11,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	10	3 each	S	New		\$25,875	\$23,288	Other	\$0	\$0	\$0	\$0

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SITTIIN													State Only			
ID	Community	Feature	Item		Feet Ext	Quantity	Unit	Condition	Description	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	10	3 each		5	New	\$31,050	\$27,945	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	10	1 each		5	New	\$34,500	\$31,050	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	10	14 each		5	New	\$8,400	\$7,560	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	10	1 each		5	New	\$32,375	\$29,138	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	10	1 each		5	New	\$7,000	\$6,300	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	10	1 each		5	New	\$2,100	\$1,890	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	10	1 each		5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	2	25 each		5	New	\$60,000	\$54,000	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	2	250 lin ft		5	New	\$62,500	\$56,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	2	2 each		5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	2	25 each		5	New	\$12,500	\$11,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	2	1 each		5	New	\$23,000	\$20,700	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	2	18 each		5	New	\$10,800	\$9,720	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	2	1 each		5	New	\$29,500	\$26,550	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	2	1 each		5	New	\$9,000	\$8,100	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	2	1 each		5	New	\$2,700	\$2,430	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	2	1 each		5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	3	35 each		5	New	\$84,000	\$75,600	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	3	350 lin ft		5	New	\$87,500	\$78,750	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	3	2 each		5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	3	35 each		5	New	\$17,500	\$15,750	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	3	12 each		5	New	\$82,800	\$74,520	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	3	1 each		5	New	\$23,000	\$20,700	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	3	26 each		5	New	\$15,600	\$14,040	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	3	1 each		5	New	\$40,500	\$36,450	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	3	1 each		5	New	\$13,000	\$11,700	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	3	1 each		5	New	\$3,900	\$3,510	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	3	1 each		5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	4	35 each		5	New	\$84,000	\$75,600	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	4	413 lin ft		5	New	\$103,125	\$92,813	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	4	2 each		5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	4	35 each		5	New	\$17,500	\$15,750	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	4	20 each		5	New	\$86,250	\$77,625	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	4	1 each		5	New	\$23,000	\$20,700	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	4	42 each		5	New	\$25,200	\$22,680	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	4	1 each		5	New	\$44,375	\$39,938	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	4	1 each		5	New	\$21,000	\$18,900	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	4	1 each		5	New	\$6,300	\$5,670	Other	\$0	\$0	\$0	\$0

Prepared by:

SITTIIN

ID	Community	Feature	Item		Feet Est	Quant ity	Unit	Condi tion	Desc.	Estimated Replacement Cost	In-place Value	Owner "State " or "Other "	State Only			
													Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	4	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	5	18	each	5	New	\$57,600	\$51,840	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	5	450	lin ft	5	New	\$135,000	\$121,500	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	5	2	each	5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	5	18	each	5	New	\$9,000	\$8,100	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	5	13	each	5	New	\$31,096	\$27,986	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	5	1	each	5	New	\$33,760	\$30,381	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	5	1	each	5	New	\$13,000	\$11,700	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	5	1	each	5	New	\$3,900	\$3,510	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	5	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	6	16	each	5	New	\$51,200	\$46,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	6	400	lin ft	5	New	\$120,000	\$108,000	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	6	16	each	5	New	\$8,000	\$7,200	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	6	11	each	5	New	\$25,098	\$22,588	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	6	1	each	5	New	\$29,456	\$26,510	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	6	1	each	5	New	\$11,000	\$9,900	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	6	1	each	5	New	\$3,300	\$2,970	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	6	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	7	23	each	5	New	\$55,200	\$49,680	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	7	4	each	5	New	\$12,800	\$11,520	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	7	265	lin ft	5	New	\$66,250	\$59,625	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	7	2	each	5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	7	27	each	5	New	\$13,500	\$12,150	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	7	6	each	5	New	\$25,875	\$23,288	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	7	5	each	5	New	\$34,500	\$31,050	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	7	1	each	5	New	\$23,000	\$20,700	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	7	24	each	5	New	\$14,400	\$12,960	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	7	1	each	5	New	\$31,375	\$28,238	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	7	1	each	5	New	\$12,000	\$10,800	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	7	1	each	5	New	\$3,600	\$3,240	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	7	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	8	25	each	5	New	\$60,000	\$54,000	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	8	4	each	5	New	\$12,800	\$11,520	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	8	250	lin ft	5	New	\$62,500	\$56,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	8	2	each	5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	8	24	each	5	New	\$12,000	\$10,800	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	8	8	each	5	New	\$55,200	\$49,680	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	8	1	each	5	New	\$23,000	\$20,700	Other	\$0	\$0	\$0	\$0

Prepared by

SITTIIN													State Only			
ID	Community	Feature	Item		Feet Est	Quantity	Unit	Condition	Desc.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	8	18	each	5	New	\$10,800	\$9,720	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	8	1	each	5	New	\$29,500	\$26,550	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	8	1	each	5	New	\$9,000	\$8,100	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	8	1	each	5	New	\$2,700	\$2,430	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	8	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	9	19	each	5	New	\$45,600	\$41,040	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Piling	MF	9	5	each	5	New	\$16,000	\$14,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Structure (Deck)	MF	9	250	lin ft	5	New	\$62,500	\$56,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Float Hinges (Heavy Duty)	MF	9	2	each	5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Pile Guides (Heavy Duty)	MF	9	23	each	5	New	\$11,500	\$10,350	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	9	4	each	5	New	\$27,600	\$24,840	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	9	3	each	5	New	\$25,875	\$23,288	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger (or Stall) Floats	MF	9	1	each	5	New	\$28,750	\$25,875	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Finger Float Hinges (Heavy Duty)	MF	9	16	each	5	New	\$9,600	\$8,640	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities-Light Distribution System	MF	9	1	each	5	New	\$30,375	\$27,338	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Power System (floats)	MF	9	1	each	5	New	\$8,000	\$7,200	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Utilities - Water System (floats)	MF	9	1	each	5	New	\$2,400	\$2,160	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Main Float	Fire - Hydrant System (floats)	MF	9	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Piling	MG	1	41	each	5	New	\$73,800	\$66,420	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Float Structure (Deck)	MG	1	1038	lin ft	5	New	\$286,350	\$257,715	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Pile Guides (Heavy Duty)	MG	1	41	each	5	New	\$20,500	\$18,450	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Utilities-Light Distribution System	MG	1	1	each	5	New	\$62,250	\$56,025	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Utilities - Water (float no finger)	MG	1	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Fire - Hydrant System (floats)	MG	1	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Piling	MG	11	12	each	5	New	\$28,800	\$25,920	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Float Structure (Deck)	MG	11	250	lin ft	5	New	\$57,500	\$51,750	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Pile Guides (Heavy Duty)	MG	11	12	each	5	New	\$6,000	\$5,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Utilities-Light Distribution System	MG	11	1	each	5	New	\$12,500	\$11,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Utilities - Water (float no finger)	MG	11	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Marginal Float	Component - Other (see comments)	MG	11	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Piling	TR	11	27	each	5	New	\$86,400	\$77,760	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Float Structure (Deck)	TR	11	675	lin ft	5	New	\$202,500	\$182,250	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Float Hinges (Heavy Duty)	TR	11	2	each	5	New	\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Pile Guides (Heavy Duty)	TR	11	27	each	5	New	\$13,500	\$12,150	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Utilities - Water (float no finger)	TR	11	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Fire - Hydrant System (floats)	TR	11	1	each	5	New	\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Piling	TR	12	12	each	5	New	\$28,800	\$25,920	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Float Structure (Deck)	TR	12	313	lin ft	5	New	\$93,750	\$84,375	Other	\$0	\$0	\$0	\$0

SITTIIN

ID	Community	Feature	Item		SITTIIN					Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
					Feet Ext	Quantity	Unit	Condition	Desc.				Estimated Replacement Value	In-place Value	Intenace and Repair Cost	Proposed State Action
SITTIIN	Sitka	Transient Float	Float Hinges (Heavy Duty)	TR	12	2 each	5	New		\$1,200	\$1,080	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Pile Guides (Heavy Duty)	TR	12	12 each	5	New		\$6,000	\$5,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Transient Float	Fire - Hydrant System (floats)	TR	12	1 each	5	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Upland Facilities	Facilities - Restrooms	UF		1 each	5	New		\$5,000	\$4,500	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Upland Facilities	Facilities - Showers	UF		2 each	5	New		\$6,000	\$5,400	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Upland Facilities	Facilities - Parking (by acre)	UF		2 acres	5	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Upland Facilities	Utilities-Light Distribution Systd	UF		1 each	5	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Upland Facilities	Utility System -Other(see comm	UF		4 other	5	New		\$0	\$0	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Upland Facilities	Disposal - Waste Oil Containers	UF		1000 gal	5	New		\$5,000	\$4,500	Other	\$0	\$0	\$0	\$0
SITTIIN	Sitka	Upland Facilities	Disposal - Solid Waste Containe	UF		481 cu ft	5	New		\$4,810	\$4,329	Other	\$0	\$0	\$0	\$0
										\$4,232,120	\$3,808,908		\$0	\$0	\$0	\$0

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN and 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

January 24, 2000

Larry Hancock, City Manager
City of Cordova
P.O. Box 1210
Cordova, AK 99574

Dear Mr. Hancock:

Thank you for the time and hospitality extended during my visit in January. The purpose of my trip was to review that survey report with you and your staff and to discuss the process of eventual transfer of the state owned harbor facilities to the City. I also received your follow up letter of January 11, 2000.

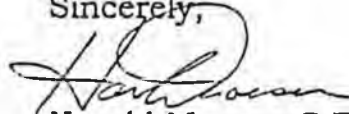
During my visit I walked float A and B with your Harbormaster to personally review the condition of these floats. As a result of that inspection I downgraded the hinged stalls on float B from fair to poor condition. I did not further downgrade MF B or MF A.

Our proposal does not directly include any consideration of calculated depreciation. It is not our intent to bring the facility up to perfect new condition or to fund depreciation accounts for those assets still in good condition.

The Department believes the estimate of \$4,337.8 (thousands) is fair and reasonable to address deferred maintenance and brings state owned facilities in Cordova to a condition suitable for transfer to the City. The Department is preparing these estimates for deferred maintenance projects and transfer should the Legislature choose to appropriate funds for that purpose.

If you have any questions please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosures (1)

cc: Tony Johansen, Regional Director, Northern Region
John Horn, Regional Director, Central Region
Michael Downing, P.E., Statewide Design and Engineering Services Director

Summary

Introduction:

The Cordova Harbor is operated by the City of Cordova through an agreement with the Department. The total capacity of the harbor is approximately 804 vessels.

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 Facilities were visited again on June 14, 1999. The information reflects the latest available information including a brief site review with the Harbormaster January 2000.

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 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 relocation of utilities.

Summary of Estimate:

The conditions found, the proposed state action, and the estimate to bring the State owned Cordova Harbor 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 Cordova	\$1,044,927
In-place Value of all features (State and Local) at current conditions.	\$6,36,763
Condition of all features (State and Local) as a percentage of Inventoried Replacement Value of all features.	51.7%
Inventoried Replacement Value of State Facilities and Features.	\$8,077,057
In-place Value of State facilities and features.	\$4,391,034
Condition of State facilities and features as a percentage of Replacement Value of State facilities and features.	54.4%
Cost Estimate to fund proposed State action.	\$4,337,807

Table

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. Less than six years life remaining.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed, at approximate its half life at exposure and service conditions. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal deterioration. Approximately 50% of in-place value remaining.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under 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.

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	14.3%	1.5% inflation to 2001, 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	15.0%	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 including DOTPF Indirect Cost Allocation and direct costs, anticipated to be less than 5%.

Sci e of Costs

CORHAR

ID	Feature	Item		Feat Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORHAR Approach & Gangway	Decking (for fixed structures)	AG	1		80	4	good	Good	\$32,000	\$21,600	State	\$32,000	\$21,600	\$0	\$0
CORHAR Approach & Gangway	Railing	AG	1		168	4	good	Good	\$5,880	\$3,969	State	\$5,880	\$3,969	\$0	\$0
CORHAR Approach & Gangway	Abutment	AG	1		1	4	good	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
CORHAR Approach & Gangway	Piling	AG	1		12	4	good	Good	\$28,800	\$19,440	State	\$28,800	\$19,440	\$0	\$0
CORHAR Approach & Gangway	Cross Braces	AG	1		6	4	good	Good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
CORHAR Approach & Gangway	Support Structure	AG	1		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Deck/Skid	AG	1		1	4	good	Good	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
CORHAR Approach & Gangway	Gangway Hinge (top)	AG	1		2	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Railing	AG	1		150	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Support Structure	AG	1		1	4	good	Good	\$27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
CORHAR Approach & Gangway	Gangway Toe (bottom)	AG	1		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Utilities-Light Distribution System	AG	1		1	4	good	Good	\$10,250	\$6,919	State	\$10,250	\$6,919	\$0	\$0
CORHAR Approach & Gangway	Utilities - Power System (general)	AG	1		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
1 Total									\$114,630	\$77,375		\$114,630	\$77,375	\$0	\$0
CORHAR Approach & Gangway	Decking (for fixed structures)	AG	2		90	4	good	Good	\$36,000	\$24,300	State	\$36,000	\$24,300	\$0	\$0
CORHAR Approach & Gangway	Railing	AG	2		180	4	good	Good	\$6,300	\$4,253	State	\$6,300	\$4,253	\$0	\$0
CORHAR Approach & Gangway	Abutment	AG	2		1	4	good	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
CORHAR Approach & Gangway	Piling	AG	2		15	4	good	Good	\$42,000	\$28,350	State	\$42,000	\$28,350	\$0	\$0
CORHAR Approach & Gangway	Cross Braces	AG	2		6	4	good	Good	\$1,200	\$810	State	\$1,200	\$810	\$0	\$0
CORHAR Approach & Gangway	Support Structure	AG	2		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Deck/Skid	AG	2		1	4	good	Good	\$4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
CORHAR Approach & Gangway	Gangway Hinge (top)	AG	2		2	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Railing	AG	2		150	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Support Structure	AG	2		1	4	good	Good	\$27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
CORHAR Approach & Gangway	Gangway Toe (bottom)	AG	2		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Utilities - Power System (general)	AG	2		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Utilities - Water System (general)	AG	2		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Utility System -Other(see comments)	AG	2		1	1	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
2 Total									\$122,000	\$82,350		\$122,000	\$82,350	\$0	\$0
CORHAR Approach & Gangway	Decking (for fixed structures)	AG	3		84	3	fair	Fair	\$23,520	\$10,584	State	\$23,520	\$10,584	\$11,760	\$21,203
CORHAR Approach & Gangway	Railing	AG	3		172	3	fair	Fair	\$4,300	\$1,935	State	\$4,300	\$1,935	\$2,150	\$3,876
CORHAR Approach & Gangway	Abutment	AG	3		1	4	good	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
CORHAR Approach & Gangway	Piling	AG	3		11	4	good	Good	\$26,400	\$17,820	State	\$26,400	\$17,820	\$0	\$0
CORHAR Approach & Gangway	Cross Braces	AG	3		8	3	fair	Fair	\$1,600	\$720	State	\$1,600	\$720	\$800	\$1,442
CORHAR Approach & Gangway	Cross Braces	AG	3		10	4	good	Good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
CORHAR Approach & Gangway	Support Structure	AG	3		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Deck/Skid	AG	3		1	4	good	Good	\$3,360	\$2,268	State	\$3,360	\$2,268	\$0	\$0
CORHAR Approach & Gangway	Gangway Hinge (top)	AG	3		2	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Railing	AG	3		112	3	fair	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Approach & Gangway	Gangway Support Structure	AG	3		1	4	good	Good	\$20,160	\$13,608	State	\$20,160	\$13,608	\$0	\$0

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Sched. 2 of Costs

CORHAR

ID	Feature	Item		Feet Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORHAR	Approach & Gangway	Gangway Toe (bottom)	AG	3	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Utilities-Light Distribution System	AG	3	1	4	good	Good	\$7,560	\$5,103	State	\$7,560	\$5,103	\$0	\$0
CORHAR	Approach & Gangway	Utilities - Power System (general)	AG	3	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
3 Total									\$93,900	\$56,763		\$93,900	\$56,763	\$14,710	\$26,522
CORHAR	Approach & Gangway	Decking (for fixed structures)	AG	4	103	3	fair	Good	\$41,200	\$18,540	State	\$41,200	\$18,540	\$20,600	\$37,142
CORHAR	Approach & Gangway	Ladders	AG	4	1	3	fair	Good	\$500	\$225	State	\$500	\$225	\$250	\$451
CORHAR	Approach & Gangway	Railing	AG	4	165	3	fair	Good	\$4,125	\$1,856	State	\$4,125	\$1,856	\$2,063	\$3,719
CORHAR	Approach & Gangway	Abutment	AG	4	1	3	fair	Good	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,508
CORHAR	Approach & Gangway	Piling	AG	4	22	3	fair	Good	\$61,600	\$27,720	State	\$61,600	\$27,720	\$30,800	\$55,532
CORHAR	Approach & Gangway	Cross Braces	AG	4	14	3	fair	Good	\$2,800	\$1,260	State	\$2,800	\$1,260	\$1,400	\$2,524
CORHAR	Approach & Gangway	Support Structure	AG	4	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Deck/Skid	AG	4	1	3	fair	Good	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,705
CORHAR	Approach & Gangway	Gangway Hinge (top)	AG	4	1	2	poor	Poor	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Hinge (top)	AG	4	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Railing	AG	4	100	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Support Structure	AG	4	1	3	fair	Good	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$16,227
CORHAR	Approach & Gangway	Gangway Toe (bottom)	AG	4	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Breasting Piles	AG	4	3	3	fair	Good	\$6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,409
CORHAR	Approach & Gangway	Utilities-Light Distribution System	AG	4	1	3	fair	Good	\$11,800	\$5,310	State	\$11,800	\$5,310	\$5,900	\$10,638
CORHAR	Approach & Gangway	Utilities - Power System (general)	AG	4	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Fire Protection - Extinguishers	AG	4	1	3	fair	Good	\$500	\$225	State	\$500	\$225	\$250	\$451
CORHAR	Approach & Gangway	Component - Other (see comments)	AG	4	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Component - Other (see comments)	AG	4	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
4 Total									\$154,525	\$69,536		\$154,525	\$69,536	\$77,263	\$139,304
CORHAR	Approach & Gangway	Decking (for fixed structures)	AG	5	120	3	fair	Fair	\$48,000	\$21,600	State	\$48,000	\$21,600	\$24,000	\$43,272
CORHAR	Approach & Gangway	Abutment	AG	5	1	3	fair	Good	\$5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,508
CORHAR	Approach & Gangway	Piling	AG	5	18	3	fair	Good	\$43,200	\$19,440	State	\$43,200	\$19,440	\$21,600	\$38,945
CORHAR	Approach & Gangway	Cross Braces	AG	5	10	3	fair	Good	\$2,000	\$900	State	\$2,000	\$900	\$1,000	\$1,803
CORHAR	Approach & Gangway	Support Structure	AG	5	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Deck/Skid	AG	5	1	3	fair	Good	\$3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,705
CORHAR	Approach & Gangway	Gangway Hinge (top)	AG	5	2	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Railing	AG	5	100	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Support Structure	AG	5	1	3	fair	Good	\$18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$16,227
CORHAR	Approach & Gangway	Gangway Toe (bottom)	AG	5	1	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Utilities - Water System (general)	AG	5	1	3	fair	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
5 Total									\$119,200	\$53,640		\$119,200	\$53,640	\$59,600	\$107,459
CORHAR	Approach & Gangway	Support Structure	AG	FG	1	2	poor	Poor	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Deck/Skid	AG	FG	1	3	fair	Fair	\$3,000	\$1,350	Other	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Hinge (top)	AG	FG	2	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR	Approach & Gangway	Gangway Railing	AG	FG	50	2	poor	Poor	\$0	\$0	Other	\$0	\$0	\$0	\$0

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Schedule of Costs

CORIHAR

CORIHAR												State Only				
ID	Feature	Item		Feat Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action	
CORIHAR Approach & Gangway		Gangway Railing	AG	FG	50	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
CORIHAR Approach & Gangway		Gangway Support Structure	AG	FG	1	4	good	Good	\$18,000	\$12,150	Other	\$0	\$0	\$0	\$0	
CORIHAR Approach & Gangway		Gangway Toe (bottom)	AG	FG	1	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0	
		FG Total							\$21,000	\$13,500		\$0	\$0	\$0	\$0	
CORIHAR Approach & Gangway		Decking (for fixed structures)	AG	G	42	4	good	Good	\$13,440	\$9,072	State	\$13,440	\$9,072	\$0	\$0	
CORIHAR Approach & Gangway		Railing	AG	G	100	4	good	Good	\$3,500	\$2,363	State	\$3,500	\$2,363	\$0	\$0	
CORIHAR Approach & Gangway		Piling	AG	G	7	4	good	Good	\$16,800	\$11,340	State	\$16,800	\$11,340	\$0	\$0	
CORIHAR Approach & Gangway		Support Structure	AG	G	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0	
CORIHAR Approach & Gangway		Utilities-Light Distribution System	AG	G	1	4	good	Good	\$3,360	\$2,268	State	\$3,360	\$2,268	\$0	\$0	
		G Total							\$37,100	\$25,043		\$37,100	\$25,043	\$0	\$0	
CORIHAR Dock (Pier)		Location Integral w/ Harbor	DP	1	D01	5	new	New	\$0	\$0	State	\$0	\$0	\$0	\$0	
CORIHAR Dock (Pier)		Decking (for fixed structures)	DP	1		254	4	good	Good	\$127,000	\$85,725	State	\$127,000	\$85,725	\$0	\$0
CORIHAR Dock (Pier)		Railing	DP	1		254	5	new	New	\$6,350	\$5,715	State	\$6,350	\$5,715	\$0	\$0
CORIHAR Dock (Pier)		Abutment	DP	1		1	4	good	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
CORIHAR Dock (Pier)		Piling	DP	1		5	2	poor	Poor	\$15,000	\$3,375	State	\$15,000	\$3,375	\$15,000	\$27,045
CORIHAR Dock (Pier)		Piling	DP	1		83	4	good	Good	\$249,000	\$168,075	State	\$249,000	\$168,075	\$0	\$0
CORIHAR Dock (Pier)		Cross Braces	DP	1		2	1	failed	Failed	\$400	\$0	State	\$400	\$0	\$400	\$721
CORIHAR Dock (Pier)		Cross Braces	DP	1		42	4	good	Good	\$8,400	\$5,670	State	\$8,400	\$5,670	\$0	\$0
CORIHAR Dock (Pier)		Utilities-Light Distribution System	DP	1		1	4	good	Good	\$25,400	\$17,145	State	\$25,400	\$17,145	\$0	\$0
CORIHAR Dock (Pier)		Utilities - Power System (general)	DP	1		1	4	good	Good	\$15,240	\$10,287	State	\$15,240	\$10,287	\$0	\$0
CORIHAR Dock (Pier)		Utilities - Water System (general)	DP	1		1	4	good	Good	\$10,160	\$6,858	State	\$10,160	\$6,858	\$0	\$0
		1 Total							\$461,950	\$306,225		\$461,950	\$306,225	\$15,400	\$27,766	
CORIHAR Dock (Pier)		Location Integral w/ Harbor	DP	2	D01	5	new	None	\$0	\$0	State	\$0	\$0	\$0	\$0	
CORIHAR Dock (Pier)		Decking (for fixed structures)	DP	2		195	5	new	New	\$97,500	\$87,750	State	\$97,500	\$87,750	\$0	\$0
CORIHAR Dock (Pier)		Fendering System	DP	2		60	4	good	Good	\$12,000	\$8,100	State	\$12,000	\$8,100	\$0	\$0
CORIHAR Dock (Pier)		Ladders	DP	2		1	3	fair	Fair	\$500	\$225	State	\$500	\$225	\$250	\$451
CORIHAR Dock (Pier)		Cargo Hoist	DP	2		1	4	good	Good	\$750	\$506	State	\$750	\$506	\$0	\$0
CORIHAR Dock (Pier)		Abutment	DP	2		4	4	good	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
CORIHAR Dock (Pier)		Piling	DP	2		9	4	good	Good	\$147,000	\$99,225	State	\$147,000	\$99,225	\$0	\$0
CORIHAR Dock (Pier)		Piling	DP	2		3	4	good	Good	\$14,700	\$9,923	State	\$14,700	\$9,923	\$0	\$0
CORIHAR Dock (Pier)		Cross Braces	DP	2		27	4	good	Good	\$5,400	\$3,645	State	\$5,400	\$3,645	\$0	\$0
CORIHAR Dock (Pier)		Utilities-Light Distribution System	DP	2		1	4	good	Good	\$19,500	\$13,163	State	\$19,500	\$13,163	\$0	\$0
		2 Total							\$302,350	\$225,911		\$302,350	\$225,911	\$250	\$451	
CORIHAR Dock (Pier)		Location Integral w/ Harbor	DP	3	D01	5	new	None	\$0	\$0	State	\$0	\$0	\$0	\$0	
CORIHAR Dock (Pier)		Decking (for fixed structures)	DP	3		120	3	fair	Fair	\$120,000	\$54,000	State	\$120,000	\$54,000	\$60,000	\$108,180
CORIHAR Dock (Pier)		Fendering System	DP	3		120	4	good	Good	\$24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0
CORIHAR Dock (Pier)		Bollards/Cleats	DP	3		0	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORIHAR Dock (Pier)		Ladders	DP	3		5	2	poor	Poor	\$2,500	\$563	State	\$2,500	\$563	\$2,500	\$4,508
CORIHAR Dock (Pier)		Cargo Hoist	DP	3		1	1	failed	Failed	\$750	\$0	State	\$750	\$0	\$750	\$1,352
CORIHAR Dock (Pier)		Abutment	DP	3		1	4	good	Good	\$5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0

Sci of Costs

CORHAR

ID	Feature	Item		Feet Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORHAR Dock (Pier)		Piling	DP	3	48	4	good	Good	\$144,000	\$97,200	State	\$144,000	\$97,200	\$0	\$0
CORHAR Dock (Pier)		Cross Braces	DP	3	64	4	good	Good	\$12,800	\$8,640	State	\$12,800	\$8,640	\$0	\$0
CORHAR Dock (Pier)		Utilities-Light Distribution System	DP	3	1	4	good	Good	\$24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0
CORHAR Dock (Pier)		Utilities - Power System (general)	DP	3	1	4	good	Good	\$14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
CORHAR Dock (Pier)		Utilities - Water System (general)	DP	3	1	4	good	Good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
3 Total									\$357,050	\$212,378		\$357,050	\$212,378	\$63,250	\$114,040
CORHAR Dock (Pier)		Location Independent of Harbor	DP	4	D02	5	new	None	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Decking (for fixed structures)	DP	4	130	3	fair	Fair	\$97,500	\$43,875	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fendering System	DP	4	0	2	poor	Poor	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fendering System	DP	4	0	3	fair	Fair	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Bollards/Cleats	DP	4	1	4	good	Good	\$500	\$338	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Bollards/Cleats	DP	4	3	4	good	Good	\$1,500	\$1,013	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Ladders	DP	4	10	3	fair	Fair	\$5,000	\$2,250	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Abutment	DP	4	1	4	good	Good	\$5,000	\$3,375	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Piling	DP	4	184	4	good	Good	\$552,000	\$372,600	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Cross Braces	DP	4	122	4	good	Good	\$24,400	\$16,470	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities-Light Distribution System	DP	4	1	4	good	Good	\$19,500	\$13,163	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities - Power System (general)	DP	4	1	4	good	Good	\$11,700	\$7,898	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities - Water System (general)	DP	4	1	4	good	Good	\$7,800	\$5,265	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fire - Hydrant System (general)	DP	4	1	4	good	Good	\$3,900	\$2,633	Other	\$0	\$0	\$0	\$0
4 Total									\$728,800	\$468,878		\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Location Independent of Harbor	DP	5	D02	5	new	None	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Decking (for fixed structures)	DP	5	205	4	good	Good	\$172,200	\$116,235	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fendering System	DP	5	0	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Bollards/Cleats	DP	5	0	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Ladders	DP	5	6	4	good	Good	\$3,000	\$2,025	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Life Rings or Equivalent	DP	5	1	4	good	Good	\$500	\$338	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Cargo Hoist	DP	5	2	4	good	Good	\$2,000	\$1,350	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Navigation Aids-lights	DP	5	2	4	good	Good	\$2,000	\$1,350	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Abutment	DP	5	1	4	good	Good	\$5,000	\$3,375	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Piling	DP	5	45	4	good	Good	\$236,250	\$159,469	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities-Light Distribution System	DP	5	1	4	good	Good	\$28,700	\$19,373	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities - Power System (general)	DP	5	1	4	good	Good	\$17,220	\$11,624	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fire - Hydrant System (general)	DP	5	1	4	good	Good	\$5,740	\$3,875	Other	\$0	\$0	\$0	\$0
5 Total									\$472,610	\$319,012		\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Location Independent of Harbor	DP	6	D02	5	new	None	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Decking (for fixed structures)	DP	6	400	4	good	Good	\$720,000	\$486,000	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fendering System	DP	6	0	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fendering System	DP	6	0	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Bollards/Cleats	DP	6	6	4	good	Good	\$3,000	\$2,025	Other	\$0	\$0	\$0	\$0

Summary of Costs

CORHAR

ID	Feature	Item		Feet Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORHAR Dock (Pier)		Ladders	DP	6	16	4	good	Good	\$8,000	\$5,400	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Cargo Hoist	DP	6	1	4	good	Good	\$750	\$506	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Cargo Hoist	DP	6	1	4	good	Good	\$1,000	\$675	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Abutment	DP	6	1	4	good	Good	\$5,000	\$3,375	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Piling	DP	6	150	4	good	Good	\$450,000	\$303,750	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Cross Braces	DP	6	80	4	good	Good	\$16,000	\$10,800	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Catwalks	DP	6	1	4	good	Good	\$12,000	\$8,100	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities-Light Distribution System	DP	6	1	4	good	Good	\$121,000	\$81,675	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities - Power System (general)	DP	6	1	4	good	Good	\$72,000	\$48,600	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utilities - Water System (general)	DP	6	1	4	good	Good	\$48,000	\$32,400	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Utility System -Other(see comments)	DP	6	1	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fire - Hydrant System (general)	DP	6	1	4	good	Good	\$24,000	\$16,200	Other	\$0	\$0	\$0	\$0
CORHAR Dock (Pier)		Fire Protection - Extinguishers	DP	6	1	4	good	Good	\$500	\$338	Other	\$0	\$0	\$0	\$0
6 Total									\$1,481,250	\$999,844		\$0	\$0	\$0	\$0
CORHAR Grid		Ladders	G	1	3	2	poor	Poor	\$1,500	\$338	State	\$1,500	\$338	\$1,500	\$2,705
CORHAR Grid		Ladders	G	1	3	4	good	Good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
CORHAR Grid		Top Beams	G	1	24	4	good	Good	\$14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
CORHAR Grid		Bearing Piles	G	1	8	2	poor	Poor	\$12,000	\$2,700	State	\$12,000	\$2,700	\$12,000	\$21,636
CORHAR Grid		Bearing Piles	G	1	93	3	fair	Fair	\$139,500	\$62,775	State	\$139,500	\$62,775	\$69,750	\$125,759
CORHAR Grid		Breasting Piles	G	1	13	4	good	Good	\$26,000	\$17,550	State	\$26,000	\$17,550	\$0	\$0
CORHAR Grid		Utilities - Power System (general)	G	1	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Grid		Utilities - Water System (general)	G	1	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
1 Total									\$194,900	\$94,095		\$194,900	\$94,095	\$83,250	\$150,100
CORHAR Grid		Ladders	G	2	1	2	poor	Fair	\$500	\$113	State	\$500	\$113	\$500	\$902
CORHAR Grid		Ladders	G	2	4	2	poor	Good	\$2,000	\$450	State	\$2,000	\$450	\$2,000	\$3,606
CORHAR Grid		Railing	G	2	50	2	poor	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Grid		Railing	G	2	310	2	poor	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Grid		Top Beams	G	2	6	2	poor	Poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491
CORHAR Grid		Top Beams	G	2	11	2	poor	Fair	\$6,600	\$1,485	State	\$6,600	\$1,485	\$6,600	\$11,900
CORHAR Grid		Bearing Piles	G	2	51	2	poor	Good	\$102,000	\$22,950	State	\$102,000	\$22,950	\$102,000	\$183,906
CORHAR Grid		Breasting Piles	G	2	17	2	poor	Good	\$42,500	\$9,563	State	\$42,500	\$9,563	\$42,500	\$76,628
CORHAR Grid		Catwalks	G	2	1	2	poor	Good	\$43,200	\$9,720	State	\$43,200	\$9,720	\$43,200	\$77,890
CORHAR Grid		Utilities - Water System (general)	G	2	1	2	poor	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR G I		Component - Other (see comments)	G	2	17	2	poor	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
2 Total									\$200,400	\$45,090		\$200,400	\$45,090	\$200,400	\$361,321
CORHAR Gangway Float		Float Structure (Deck)	GF	1	24	3	fair	Fair	\$10,080	\$4,536	State	\$10,080	\$4,536	\$5,040	\$9,087
1 Total									\$10,080	\$4,536		\$10,080	\$4,536	\$5,040	\$9,087
CORHAR Gangway Float		Float Structure (Deck)	GF	2	24	3	fair	Fair	\$10,080	\$4,536	State	\$10,080	\$4,536	\$5,040	\$9,087
2 Total									\$10,080	\$4,536		\$10,080	\$4,536	\$5,040	\$9,087
CORHAR Gangway Float		Float Structure (Deck)	GF	4	24	2	poor	Fair	\$8,640	\$1,944	State	\$8,640	\$1,944	\$8,640	\$15,578

Summary of Costs

CORHAR

CORIAR												State Only			
ID	Feature	Item		Feet Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
4 Total									\$8,640	\$1,944		\$8,640	\$1,944	\$8,640	\$15,378
CORIIAR	Gangway Float	Piling	GF	FG	1	4	good	Good	\$1,800	\$1,215	Other	\$0	\$0	\$0	\$0
CORIIAR	Gangway Float	Float Structure (Deck)	GF	FG	1127	4	good	Good	\$7,560	\$5,103	Other	\$0	\$0	\$0	\$0
CORIIAR	Gangway Float	Pile Guides (Standard)	GF	FG	1	4	good	Good	\$400	\$270	Other	\$0	\$0	\$0	\$0
FG Total									\$9,760	\$6,588		\$0	\$0	\$0	\$0
CORIIAR	Launch Ramp	Piling	LR		1	2	poor	Good	\$2,000	\$450	State	\$2,000	\$450	\$2,000	\$3,606
CORIIAR	Launch Ramp	Float Hinges (Standard)	LR		14	2	poor	Good	\$5,600	\$1,260	State	\$5,600	\$1,260	\$5,600	\$10,097
CORIIAR	Launch Ramp	Ramp Length	LR		200	2	poor	Fair	\$48,000	\$10,800	State	\$48,000	\$10,800	\$48,000	\$86,544
CORIIAR	Launch Ramp	Ramp Float	LR		140	2	poor	Fair	\$19,320	\$4,347	State	\$19,320	\$4,347	\$19,320	\$34,834
CORIIAR	Main Float	Piling	MF	A	6	3	fair	Fair	\$12,600	\$5,670	State	\$12,600	\$5,670	\$6,300	\$11,359
CORIIAR	Main Float	Piling	MF	A	11	3	fair	Good	\$23,100	\$10,395	State	\$23,100	\$10,395	\$11,550	\$20,825
CORIIAR	Main Float	Float Structure (Deck)	MF	A	725	3	fair	Fair	\$108,750	\$48,938	State	\$108,750	\$48,938	\$54,375	\$98,038
CORIIAR	Main Float	Float Hinges (Standard)	MF	A	2	3	fair	Good	\$800	\$360	State	\$800	\$360	\$400	\$721
CORIIAR	Main Float	Pile Guides (Standard)	MF	A	2	3	fair	Poor	\$800	\$360	State	\$800	\$360	\$400	\$721
CORIIAR	Main Float	Pile Guides (Standard)	MF	A	15	3	fair	Fair	\$6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,409
CORIIAR	Main Float	Finger (or Stall) Floats	MF	A	40	3	fair	Fair	\$73,600	\$33,120	State	\$73,600	\$33,120	\$36,800	\$66,350
CORIIAR	Main Float	Finger (or Stall) Floats	MF	A	30	3	fair	Fair	\$74,520	\$33,534	State	\$74,520	\$33,534	\$37,260	\$67,180
CORIIAR	Main Float	Utilities-Light Distribution System	MF	A	1	3	fair	Fair	\$53,950	\$24,278	State	\$53,950	\$24,278	\$26,975	\$48,636
CORIIAR	Main Float	Utilities - Power System (floats)	MF	A	1	3	fair	Fair	\$70,000	\$31,500	State	\$70,000	\$31,500	\$35,000	\$63,105
CORIIAR	Main Float	Utilities - Water System (floats)	MF	A	1	3	fair	Fair	\$21,000	\$9,450	State	\$21,000	\$9,450	\$10,500	\$18,932
CORIIAR	Main Float	Fire Protection - Extinguishers	MF	A	1	3	fair	Good	\$500	\$225	State	\$500	\$225	\$250	\$451
CORIIAR	Main Float	Fire Protection - Extinguishers	MF	A	3	3	fair	Good	\$1,500	\$675	State	\$1,500	\$675	\$750	\$1,352
A Total									\$447,120	\$201,204		\$447,120	\$201,204	\$223,560	\$403,079
CORIIAR	Main Float	Piling	MF	B	20	3	fair	Fair	\$42,000	\$18,900	State	\$42,000	\$18,900	\$21,000	\$37,863
CORIIAR	Main Float	Piling	MF	B	35	3	fair	Good	\$73,500	\$33,075	State	\$73,500	\$33,075	\$36,750	\$66,260
CORIIAR	Main Float	Float Structure (Deck)	MF	B	636	3	fair	Fair	\$159,000	\$71,550	State	\$159,000	\$71,550	\$79,500	\$143,339
CORIIAR	Main Float	Float Hinges (Standard)	MF	B	2	3	fair	Fair	\$800	\$360	State	\$800	\$360	\$400	\$721
CORIIAR	Main Float	Pile Guides (Standard)	MF	B	9	2	poor	Poor	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491
CORIIAR	Main Float	Pile Guides (Standard)	MF	B	8	3	fair	Good	\$3,200	\$1,440	State	\$3,200	\$1,440	\$1,600	\$2,885
CORIIAR	Main Float	Pile Guides (Standard)	MF	B	38	3	fair	Fair	\$15,200	\$6,840	State	\$15,200	\$6,840	\$7,600	\$13,703
CORIIAR	Main Float	Finger (or Stall) Floats	MF	B	21	2	poor	Fair	\$38,640	\$8,694	State	\$38,640	\$8,694	\$38,640	\$69,668
CORIIAR	Main Float	Finger (or Stall) Floats	MF	B	19	2	poor	Fair	\$55,936	\$12,586	State	\$55,936	\$12,586	\$55,936	\$100,853
CORIIAR	Main Float	Finger Float Hinges (Standard)	MF	B	3	2	poor	Poor	\$900	\$203	State	\$900	\$203	\$900	\$1,623
CORIIAR	Main Float	Finger Float Hinges (Standard)	MF	B	33	2	poor	Fair	\$9,900	\$2,228	State	\$9,900	\$2,228	\$9,900	\$17,850
CORIIAR	Main Float	Utilities-Light Distribution System	MF	B	1	3	fair	Fair	\$52,360	\$23,562	State	\$52,360	\$23,562	\$26,180	\$47,203
CORIIAR	Main Float	Utilities - Power System (floats)	MF	B	1	3	fair	Fair	\$40,000	\$18,000	State	\$40,000	\$18,000	\$20,000	\$36,060
CORIIAR	Main Float	Utilities - Water System (floats)	MF	B	1	3	fair	Fair	\$12,000	\$5,400	State	\$12,000	\$5,400	\$6,000	\$10,818
CORIIAR	Main Float	Fire Protection - Extinguishers	MF	B	1	3	fair	Good	\$500	\$225	State	\$500	\$225	\$250	\$451
CORIIAR	Main Float	Fire Protection - Other (see comm.)	MF	B	2	3	fair	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
B Total									\$507,536	\$203,872		\$507,536	\$203,872	\$308,256	\$555,786

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Summary of Costs

CORHAR

ID	Feature	Item		Feat Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORHAR Main Float		Piling	MF	C	10	2	poor	Fair	\$18,000	\$4,050	State	\$18,000	\$4,050	\$18,000	\$32,454
CORHAR Main Float		Piling	MF	C	37	2	poor	Good	\$66,600	\$14,985	State	\$66,600	\$14,985	\$66,600	\$120,080
CORHAR Main Float		Float Structure (Deck)	MF	C	646	2	poor	Fair	\$161,500	\$36,338	State	\$161,500	\$36,338	\$161,500	\$291,185
CORHAR Main Float		Float Hinges (Standard)	MF	C	2	2	poor	Fair	\$800	\$180	State	\$800	\$180	\$800	\$1,442
CORHAR Main Float		Pile Guides (Standard)	MF	C	8	2	poor	Fair	\$3,200	\$720	State	\$3,200	\$720	\$3,200	\$5,770
CORHAR Main Float		Pile Guides (Standard)	MF	C	10	2	poor	Good	\$4,000	\$900	State	\$4,000	\$900	\$4,000	\$7,212
CORHAR Main Float		Pile Guides (Standard)	MF	C	6	2	poor	Failed	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,327
CORHAR Main Float		Pile Guides (Standard)	MF	C	2	2	poor	Poor	\$800	\$180	State	\$800	\$180	\$800	\$1,442
CORHAR Main Float		Pile Guides (Standard)	MF	C	24	2	poor	Fair	\$9,600	\$2,160	State	\$9,600	\$2,160	\$9,600	\$17,309
CORHAR Main Float		Finger (or Stall) Floats	MF	C	4	2	poor	Poor	\$15,456	\$3,478	State	\$15,456	\$3,478	\$15,456	\$27,867
CORHAR Main Float		Finger (or Stall) Floats	MF	C	28	2	poor	Fair	\$108,192	\$24,343	State	\$108,192	\$24,343	\$108,192	\$195,070
CORHAR Main Float		Finger Float Hinges (Standard)	MF	C	64	2	poor	Fair	\$19,200	\$4,320	State	\$19,200	\$4,320	\$19,200	\$34,618
CORHAR Main Float		Utilities-Light Distribution System	MF	C	1	2	poor	Good	\$59,180	\$13,316	State	\$59,180	\$13,316	\$59,180	\$106,702
CORHAR Main Float		Utilities - Power System (floats)	MF	C	1	2	poor	Fair	\$32,000	\$7,200	State	\$32,000	\$7,200	\$32,000	\$57,696
CORHAR Main Float		Utilities - Water System (floats)	MF	C	1	2	poor	Fair	\$9,600	\$2,160	State	\$9,600	\$2,160	\$9,600	\$17,309
CORHAR Main Float		Fire Protection - Extinguishers	MF	C	1	2	poor	Fair	\$500	\$113	State	\$500	\$113	\$500	\$902
CORHAR Main Float		Fire Protection - Fire Pumps	MF	C	1	2	poor	Good	\$1,500	\$338	State	\$1,500	\$338	\$1,500	\$2,705
CORHAR Main Float		Fire Protection - Other (see comm.)	MF	C	2	2	poor	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
C Total									\$512,528	\$115,319		\$512,528	\$115,319	\$512,528	\$924,088
CORHAR Main Float		Piling	MF	D	8	2	poor	Fair	\$14,400	\$3,240	State	\$14,400	\$3,240	\$14,400	\$25,963
CORHAR Main Float		Piling	MF	D	28	2	poor	Good	\$50,400	\$11,340	State	\$50,400	\$11,340	\$50,400	\$90,871
CORHAR Main Float		Float Structure (Deck)	MF	D	425	2	poor	Fair	\$106,250	\$23,906	State	\$106,250	\$23,906	\$106,250	\$191,569
CORHAR Main Float		Float Hinges (Standard)	MF	D	2	2	poor	Poor	\$800	\$180	State	\$800	\$180	\$800	\$1,442
CORHAR Main Float		Pile Guides (Standard)	MF	D	2	2	poor	Failed	\$800	\$180	State	\$800	\$180	\$800	\$1,442
CORHAR Main Float		Pile Guides (Standard)	MF	D	3	2	poor	Poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,164
CORHAR Main Float		Pile Guides (Standard)	MF	D	10	2	poor	Fair	\$4,000	\$900	State	\$4,000	\$900	\$4,000	\$7,212
CORHAR Main Float		Pile Guides (Standard)	MF	D	21	2	poor	Good	\$8,400	\$1,890	State	\$8,400	\$1,890	\$8,400	\$15,145
CORHAR Main Float		Finger (or Stall) Floats	MF	D	7	2	poor	Fair	\$48,300	\$10,868	State	\$48,300	\$10,868	\$48,300	\$87,085
CORHAR Main Float		Finger (or Stall) Floats	MF	D	5	2	poor	Fair	\$51,750	\$11,644	State	\$51,750	\$11,644	\$51,750	\$93,305
CORHAR Main Float		Finger Float Hinges (Standard)	MF	D	10	2	poor	Fair	\$3,000	\$675	State	\$3,000	\$675	\$3,000	\$5,409
CORHAR Main Float		Finger Float Hinges (Standard)	MF	D	4	2	poor	Good	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,164
CORHAR Main Float		Utilities-Light Distribution System	MF	D	1	2	poor	Good	\$43,000	\$9,675	State	\$43,000	\$9,675	\$43,000	\$77,529
CORHAR Main Float		Utilities - Power System (floats)	MF	D	1	2	poor	Fair	\$12,000	\$2,700	State	\$12,000	\$2,700	\$12,000	\$21,636
CORHAR Main Float		Utilities - Water System (floats)	MF	D	1	2	poor	Fair	\$3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491
CORHAR Main Float		Fire Protection - Extinguishers	MF	D	1	2	poor	Good	\$500	\$113	State	\$500	\$113	\$500	\$902
CORHAR Main Float		Fire Protection - Fire Pumps	MF	D	1	2	poor	Good	\$1,500	\$338	State	\$1,500	\$338	\$1,500	\$2,705
D Total									\$351,100	\$78,998		\$351,100	\$78,998	\$351,100	\$633,033
CORHAR Main Float		Piling	MF	F	1	3	fair	Fair	\$1,800	\$810	State	\$1,800	\$810	\$0	\$1,623
CORHAR Main Float		Piling	MF	F	6	3	fair	Good	\$10,800	\$4,860	State	\$10,800	\$4,860	\$5,400	\$9,736
CORHAR Main Float		Float Structure (Deck)	MF	F	300	3	fair	Good	\$75,000	\$33,750	State	\$75,000	\$33,750	\$37,500	\$67,613

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Sched. of Costs

CORIHAR

CORIHAR											State Only				
ID	Feature	Item		Feet Ext	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORIHAR Main Float		Float Hinges (Standard)	MF	F	2	3	fair	Fair	\$800	\$360	State	\$800	\$360	\$400	\$721
CORIHAR Main Float		Pile Guides (Standard)	MF	F	7	3	fair	Good	\$2,800	\$1,260	State	\$2,800	\$1,260	\$1,400	\$2,524
CORIHAR Main Float		Utilities-Light Distribution System	MF	F	1	3	fair	Good	\$15,000	\$6,750	State	\$15,000	\$6,750	\$7,500	\$13,523
CORIHAR Main Float		Utilities - Power System (floats)	MF	F	1	3	fair	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
CORIHAR Main Float		Utilities - Water System (floats)	MF	F	1	3	fair	Fair	\$0	\$0	State	\$0	\$0	\$0	\$0
CORIHAR Main Float		Fire Protection - Extinguishers	MF	F	1	3	fair	Good	\$500	\$225	State	\$500	\$225	\$250	\$451
F Total									\$106,700	\$48,015		\$106,700	\$48,015	\$53,350	\$96,190
CORIHAR Main Float		Piling	MF	FG	3	3	fair	Fair	\$5,400	\$2,430	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Piling	MF	FG	3	4	good	Good	\$5,400	\$3,645	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Float Structure (Deck)	MF	FG	1127	4	good	Good	\$68,100	\$45,968	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Pile Guides (Standard)	MF	FG	1	2	poor	Poor	\$400	\$90	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Pile Guides (Standard)	MF	FG	5	3	fair	Fair	\$2,000	\$900	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Utilities-Light Distribution System	MF	FG	1	4	good	Good	\$11,350	\$7,661	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Utilities - Power System (floats)	MF	FG	1	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Utilities - Water System (floats)	MF	FG	1	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORIHAR Main Float		Component - Other (see comments)	MF	FG	1	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
FG Total									\$92,650	\$60,694		\$0	\$0	\$0	\$0
CORIHAR Main Float		Piling	MF	G	39	4	good	Good	\$70,200	\$47,385	State	\$70,200	\$47,385	\$0	\$0
CORIHAR Main Float		Piling	MF	G	2	3	fair	Fair	\$6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$5,409
CORIHAR Main Float		Piling	MF	G	12	4	good	Good	\$36,000	\$24,300	State	\$36,000	\$24,300	\$0	\$0
CORIHAR Main Float		Float Structure (Deck)	MF	G	1100	4	good	Good	\$220,000	\$148,500	State	\$220,000	\$148,500	\$0	\$0
CORIHAR Main Float		Pile Guides (Standard)	MF	G	53	4	good	Good	\$21,200	\$14,310	State	\$21,200	\$14,310	\$0	\$0
CORIHAR Main Float		Finger (or Stall) Floats	MF	G	2	3	fair	Fair	\$12,825	\$5,771	State	\$12,825	\$5,771	\$6,413	\$11,562
CORIHAR Main Float		Finger (or Stall) Floats	MF	G	12	4	good	Good	\$76,950	\$51,941	State	\$76,950	\$51,941	\$0	\$0
CORIHAR Main Float		Utilities-Light Distribution System	MF	G	1	4	good	Good	\$60,625	\$40,922	State	\$60,625	\$40,922	\$0	\$0
CORIHAR Main Float		Utilities - Power System (floats)	MF	G	1	4	good	Good	\$14,000	\$9,450	State	\$14,000	\$9,450	\$0	\$0
CORIHAR Main Float		Utilities - Water System (floats)	MF	G	1	3	fair	Fair	\$4,200	\$1,890	State	\$4,200	\$1,890	\$2,100	\$3,786
CORIHAR Main Float		Fire Protection - Extinguishers	MF	G	1	3	fair	Fair	\$500	\$225	State	\$500	\$225	\$250	\$451
G Total									\$522,500	\$347,394		\$522,500	\$347,394	\$11,763	\$21,208
CORIHAR Main Float		Piling	MF	II	12	3	fair	Fair	\$36,000	\$16,200	State	\$36,000	\$16,200	\$18,000	\$32,454
CORIHAR Main Float		Piling	MF	II	27	4	good	Good	\$81,000	\$54,675	State	\$81,000	\$54,675	\$0	\$0
CORIHAR Main Float		Float Structure (Deck)	MF	II	1200	4	good	Good	\$288,000	\$194,400	State	\$288,000	\$194,400	\$0	\$0
CORIHAR Main Float		Pile Guides (Standard)	MF	II	10	2	poor	Fair	\$4,000	\$900	State	\$4,000	\$900	\$4,000	\$7,212
CORIHAR Main Float		Pile Guides (Standard)	MF	II	21	4	good	Good	\$8,400	\$5,670	State	\$8,400	\$5,670	\$0	\$0
CORIHAR Main Float		Finger (or Stall) Floats	MF	II	8	3	fair	Fair	\$32,400	\$14,580	State	\$32,400	\$14,580	\$16,200	\$29,209
CORIHAR Main Float		Finger (or Stall) Floats	MF	II	31	4	good	Good	\$125,550	\$84,746	State	\$125,550	\$84,746	\$0	\$0
CORIHAR Main Float		Finger Float Hinges (Standard)	MF	II	20	1	failed	Failed	\$6,000	\$0	State	\$6,000	\$0	\$6,000	\$10,818
CORIHAR Main Float		Finger Float Hinges (Standard)	MF	II	16	3	fair	Fair	\$4,800	\$2,160	State	\$4,800	\$2,160	\$2,400	\$4,327
CORIHAR Main Float		Finger Float Hinges (Standard)	MF	II	54	4	good	Good	\$16,200	\$10,935	State	\$16,200	\$10,935	\$0	\$0
CORIHAR Main Float		Utilities-Light Distribution System	MF	II	1	4	good	Good	\$77,250	\$52,144	State	\$77,250	\$52,144	\$0	\$0

Sched. of Costs

CORIHAR

ID	Feature	Item		Feet Est	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORIHAR Main Float		Utilities - Power System (floats)	MF	II	1	4	good	Good	\$39,000	\$26,325	State	\$0	\$26,325	\$0	\$0
CORIHAR Main Float		Utilities - Water System (floats)	MF	II	1	4	good	Good	\$11,700	\$7,898	State	\$0	\$7,898	\$0	\$0
CORIHAR Main Float		Fire Protection - Extinguishers	MF	II	1	4	good	Good	\$500	\$336	State	\$500	\$336	\$0	\$0
CORIHAR Main Float		Fire Protection - Other (see comm.)	MF	II	2	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
II Total									\$730,800	\$470,970		\$730,800	\$170,970	\$46,600	\$84,020
CORIHAR Main Float		Piling	MF	I	53	4	good	Good	\$119,250	\$80,494	State	\$119,250	\$80,494	\$0	\$0
CORIHAR Main Float		Float Structure (Deck)	MF	I	1093	4	good	Good	\$262,320	\$177,066	State	\$262,320	\$177,066	\$0	\$0
CORIHAR Main Float		Pile Guides (Standard)	MF	I	15	3	fair	Fair	\$6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$3,409
CORIHAR Main Float		Pile Guides (Standard)	MF	I	38	4	good	Good	\$15,200	\$10,260	State	\$15,200	\$10,260	\$0	\$0
CORIHAR Main Float		Finger (or Stall) Floats	MF	I	44	3	fair	Fair	\$142,560	\$64,152	State	\$142,560	\$64,152	\$71,280	\$128,518
CORIHAR Main Float		Finger Float Hinges (Standard)	MF	I	4	2	poor	Poor	\$1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,164
CORIHAR Main Float		Finger Float Hinges (Standard)	MF	I	84	4	good	Good	\$25,200	\$17,010	State	\$25,200	\$17,010	\$0	\$0
CORIHAR Main Float		Utilities-Light Distribution System	MF	I	1	4	good	Good	\$70,120	\$47,331	State	\$70,120	\$47,331	\$0	\$0
CORIHAR Main Float		Utilities - Power System (floats)	MF	I	1	4	good	Good	\$44,000	\$29,700	State	\$44,000	\$29,700	\$0	\$0
CORIHAR Main Float		Utilities - Water System (floats)	MF	I	1	4	good	Good	\$13,200	\$8,910	State	\$13,200	\$8,910	\$0	\$0
CORIHAR Main Float		Utility System -Other(see comments)	MF	I	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORIHAR Main Float		Fire Protection - Extinguishers	MF	I	3	4	good	Good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
CORIHAR Main Float		Fire Protection - Other (see comm.)	MF	I	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
I Total									\$700,550	\$438,905		\$700,550	\$138,905	\$75,480	\$136,090
CORIHAR Main Float		Piling	MF	J	16	4	good	Good	\$28,800	\$19,440	State	\$28,800	\$19,440	\$0	\$0
CORIHAR Main Float		Float Structure (Deck)	MF	J	1008	4	good	Good	\$241,920	\$163,296	State	\$241,920	\$163,296	\$0	\$0
CORIHAR Main Float		Pile Guides (Standard)	MF	J	1	3	fair	Fair	\$400	\$180	State	\$400	\$180	\$200	\$361
CORIHAR Main Float		Pile Guides (Standard)	MF	J	15	4	good	Good	\$6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
CORIHAR Main Float		Finger (or Stall) Floats	MF	J	62	4	good	Good	\$150,660	\$101,696	State	\$150,660	\$101,696	\$0	\$0
CORIHAR Main Float		Utilities-Light Distribution System	MF	J	1	4	good	Good	\$68,220	\$46,049	State	\$68,220	\$46,049	\$0	\$0
CORIHAR Main Float		Utilities - Power System (floats)	MF	J	1	4	good	Good	\$62,000	\$41,850	State	\$62,000	\$41,850	\$0	\$0
CORIHAR Main Float		Utilities - Water System (floats)	MF	J	1	4	good	Good	\$18,600	\$12,555	State	\$18,600	\$12,555	\$0	\$0
CORIHAR Main Float		Utility System -Other(see comments)	MF	J	2	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORIHAR Main Float		Fire Protection - Extinguishers	MF	J	3	4	good	Good	\$1,500	\$1,013	State	\$1,500	\$1,013	\$0	\$0
J Total									\$578,100	\$390,128		\$578,100	\$390,128	\$200	\$361
CORIHAR Main Float		Piling	MF	K	17	4	good	Good	\$38,250	\$25,819	State	\$38,250	\$25,819	\$0	\$0
CORIHAR Main Float		Float Structure (Deck)	MF	K	924	4	good	Good	\$221,760	\$149,688	State	\$221,760	\$149,688	\$0	\$0
CORIHAR Main Float		Pile Guides (Standard)	MF	K	17	4	good	Good	\$6,800	\$4,590	State	\$6,800	\$4,590	\$0	\$0
CORIHAR Main Float		Finger (or Stall) Floats	MF	K	2	3	fair	Fair	\$3,888	\$1,750	State	\$3,888	\$1,750	\$1,944	\$3,505
CORIHAR Main Float		Finger (or Stall) Floats	MF	K	33	4	good	Good	\$64,152	\$43,303	State	\$64,152	\$43,303	\$0	\$0
CORIHAR Main Float		Finger (or Stall) Floats	MF	K	34	4	good	Good	\$82,620	\$55,769	State	\$82,620	\$55,769	\$0	\$0
CORIHAR Main Float		Utilities-Light Distribution System	MF	K	1	4	good	Good	\$64,860	\$43,781	State	\$64,860	\$43,781	\$0	\$0
CORIHAR Main Float		Utilities - Power System (floats)	MF	K	1	4	good	Good	\$69,000	\$46,575	State	\$69,000	\$46,575	\$0	\$0
CORIHAR Main Float		Utilities - Water System (floats)	MF	K	1	4	good	Good	\$20,700	\$13,973	State	\$20,700	\$13,973	\$0	\$0
CORIHAR Main Float		Fire - Hydrant System (floats)	MF	K	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0

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Summary of Costs

CORHAR

ID	Feature	Item		Feat Est	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	State Only			
												Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORHAR Main Float		Fire Protection - Extinguishers	MF	K	1	4	good	Good	\$500	\$338	State	\$500	\$338	\$0	\$0
CORHAR Main Float		Component - Other (see comments)	MF	K	2	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
					K Total				\$572,530	\$385,583		\$572,530	\$385,583	\$1,944	\$3,505
CORHAR Marginal Float		Piling	MG	E	11	2	poor	Good	\$19,800	\$4,455	State	\$19,800	\$4,455	\$19,800	\$35,699
CORHAR Marginal Float		Float Structure (Deck)	MG	E	100	2	poor	Poor	\$27,600	\$6,210	State	\$27,600	\$6,210	\$27,600	\$49,763
CORHAR Marginal Float		Float Structure (Deck)	MG	E	385	2	poor	Fair	\$106,260	\$23,909	State	\$106,260	\$23,909	\$106,260	\$191,587
CORHAR Marginal Float		Pile Guides (Standard)	MG	E	11	2	poor	Fair	\$4,400	\$990	State	\$4,400	\$990	\$4,400	\$7,933
CORHAR Marginal Float		Finger (or Stall) Floats	MG	E	8	2	poor	Fair	\$8,280	\$1,863	State	\$8,280	\$1,863	\$8,280	\$14,929
CORHAR Marginal Float		Finger Float Hinges (Standard)	MG	E	16	2	poor	Good	\$4,800	\$1,080	State	\$4,800	\$1,080	\$4,800	\$8,654
CORHAR Marginal Float		Utilities-Light Distribution System	MG	E	1	2	poor	Good	\$30,900	\$6,953	State	\$30,900	\$6,953	\$30,900	\$55,713
CORHAR Marginal Float		Utilities - Power System (floats)	MG	E	1	2	poor	Good	\$8,000	\$1,800	State	\$8,000	\$1,800	\$8,000	\$14,424
CORHAR Marginal Float		Utilities - Water System (floats)	MG	E	1	2	poor	Good	\$2,400	\$540	State	\$2,400	\$540	\$2,400	\$4,327
CORHAR Marginal Float		Fire Protection - Extinguishers	MG	E	1	2	poor	Good	\$500	\$113	State	\$500	\$113	\$500	\$902
CORHAR Marginal Float		Fire Protection - Other (see comm.)	MG	E	2	2	poor	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Marginal Float		Component - Other (see comments)	MG	E	1	2	poor	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Marginal Float		Component - Other (see comments)	MG	E	1	2	poor	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Marginal Float		Component - Other (see comments)	MG	E	8	2	poor	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
					E Total				\$212,940	\$47,912		\$212,940	\$47,912	\$212,940	\$383,931
CORHAR Marginal Float		Piling	MG	L	13	4	good	Good	\$23,400	\$15,795	State	\$23,400	\$15,795	\$0	\$0
CORHAR Marginal Float		Float Structure (Deck)	MG	L	1000	4	good	Good	\$216,000	\$145,800	State	\$216,000	\$145,800	\$0	\$0
CORHAR Marginal Float		Pile Guides (Standard)	MG	L	1	1	failed	Failed	\$400	\$0	State	\$100	\$0	\$400	\$721
CORHAR Marginal Float		Pile Guides (Standard)	MG	L	12	4	good	Good	\$4,800	\$1,240	State	\$4,800	\$1,240	\$0	\$0
CORHAR Marginal Float		Finger (or Stall) Floats	MG	L	32	4	good	Good	\$62,208	\$41,990	State	\$62,208	\$41,990	\$0	\$0
CORHAR Marginal Float		Utilities-Light Distribution System	MG	L	1	4	good	Good	\$51,520	\$34,776	State	\$51,520	\$34,776	\$0	\$0
CORHAR Marginal Float		Utilities - Power System (floats)	MG	L	1	4	good	Good	\$32,000	\$21,600	State	\$32,000	\$21,600	\$0	\$0
CORHAR Marginal Float		Utilities - Water System (floats)	MG	L	1	4	good	Good	\$9,600	\$6,480	State	\$9,600	\$6,480	\$0	\$0
CORHAR Marginal Float		Utility System -Other(see comments)	MG	L	1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Marginal Float		Fire Protection - Extinguishers	MG	L	1	4	good	Good	\$500	\$338	State	\$500	\$338	\$0	\$0
CORHAR Marginal Float		Component - Other (see comments)	MG	L	4	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
					L Total				\$400,428	\$270,019		\$400,428	\$270,019	\$400	\$721
CORHAR Seaplane Float		Piling	SP		5	4	good	Good	\$14,000	\$9,450	State	\$14,000	\$9,450	\$0	\$0
CORHAR Seaplane Float		Float Structure (Deck)	SP		130	4	good	Good	\$156,000	\$105,300	State	\$156,000	\$105,300	\$0	\$0
CORHAR Seaplane Float		Pile Guides (Standard)	SP		5	4	good	Good	\$2,000	\$1,350	State	\$2,000	\$1,350	\$0	\$0
CORHAR Seaplane Float		Utilities - Power System (general)	SP		1	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Seaplane Float		Fire Protection - Extinguishers	SP		1	4	good	Good	\$500	\$338	State	\$500	\$338	\$0	\$0
CORHAR Seaplane Float		Component - Other (see comments)	SP		4	4	good	Good	\$0	\$0	State	\$0	\$0	\$0	\$0
CORHAR Upland Facilities		Facilities - Harbor Office	UF		1000	4	good	Good	\$100,000	\$67,500	Other	\$0	\$0	\$0	\$0
CORHAR Upland Facilities		Facilities - Restrooms	UF		2	4	good	Good	\$10,000	\$6,750	Other	\$0	\$0	\$0	\$0
CORHAR Upland Facilities		Facilities - Showers	UF		2	4	good	Good	\$6,000	\$4,050	Other	\$0	\$0	\$0	\$0
CORHAR Upland Facilities		Facilities - Parking (by acre)	UF		2.3	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0

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Schedule of Costs

CORIAR											State Only				
ID	Feature	Item		Feet Est	Quantity	Code	Cond.	Orig	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and Repair Cost	Proposed State Action
CORIAR	Upland Facilities	Facilities - Other (see comments)	UF		1	4	good	Good	\$0	\$0	Other	\$0	\$0	\$0	\$0
CORIAR	Upland Facilities	Disposal - Waste Oil Containers	UF		7000	4	good	Good	\$35,000	\$23,625	Other	\$0	\$0	\$0	\$0
CORIAR	Upland Facilities	Disposal - Solid Waste Containers	UF		1080	4	good	Good	\$10,800	\$7,290	Other	\$0	\$0	\$0	\$0
										\$0	Other	\$0	\$0	\$0	\$0
Grand Total									\$11,044,927	\$6,368,763		\$8,077,057	\$4,391,034	\$2,405,883	\$4,337,807

On Ownership, Only Dock 3 is an integral part of the harbor.
Docks 1 and 2 have shared ownership.

The Fish and Game Float does not have public access.

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

TONY KNOWLES, GOVERNOR

3132 CHANNEL DRIVE
JUNEAU, ALASKA 99801-7838
PHONE: (907) 465-3979
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STATEWIDE DESIGN and ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

January 3, 2000

Donna Williams, Mayor
City of Klawock
P.O. Box 469
Klawock, AK 99925

Dear Mayor Williams:

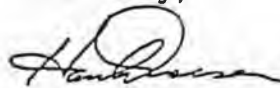
Thank you for the time you took while in Juneau to explain the capital improvement needs of the community and to discuss in detail the need for harbor repairs and the possibility of transferring ownership of State owned harbor facilities to the City.

As requested, you have forwarded both pictures and condition information to be used by the Department to update the cost of repairs to bring the facility up to good condition. Using the information you sent, the Department has prepared a cost estimate.

The Department believes that \$860,000 is a fair and reasonable estimate to address deferred maintenance and bring state owned facilities to a condition suitable for transfer to the City. The estimate includes consideration for the need of an ice barrier. The Department is preparing these estimates for deferred maintenance projects and transfer should the Legislature chooses to appropriate funds for that purpose.

If you have any questions please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosures (1)

cc: Gary Hayden, Acting Regional Director
Michael Downing, P.E., Statewide Design and Engineering Services Director

Summary

Introduction

Alaska's public harbor system consists of state and local public harbor facilities in 52 communities. This report is for the Klawock Small Boat Harbor.

The Department of Transportation and Public Facilities completed a comprehensive survey and inventory of all public harbor facilities in Alaska in 1992. The Klawock harbor survey information and photo's provided by the City of Klawock has been used to update this estimate. In addition, discussions with the City indicate a need for an ice shielding structure to protect the harbor from ice flows. The additional ice barrier feature was added to the estimate as a needed feature.

The estimated replacement costs (in-kind replacement costs for new construction) were assigned to each item on the inventory and are shown as extended cost in the value schedule. These costs were based on 1992 construction cost data. The estimates for proposed state action include an allowance for price escalation (inflation), design, construction and administrative services, an allowance for demolition and disposal, mobilization, and a contingency for identified work items and temporary relocation of vessels and utilities.

The conditions found, the proposed state action and the estimate to bring the Harbor Facilities up to good standard is found in the Schedule of Costs. The Schedule of Cost frames the scope to the extent that it is presumed that items in good condition do not need repair or renovation. Where the item is a smaller element of the major item such as a main float the major item condition would of course control.

The following information summarizes the Schedule of Values.

Inventoried Replacement Value (IRV) of all facilities and features in the Alaska Harbor Management System Database.	\$ 545,198
In-place Value of all features (State and local) at current conditions.	\$186,513
Condition of all features (State and Local) as a percentage of Inventoried Replacement Value of all features.	34.21%
Inventoried Replacement Value of State Facilities and Features.	\$545,198
In-place Value of State facilities and features.	\$186,513
Condition of State facilities and features as a percentage of Replacement Value of State facilities and features.	34.21%
The estimate of the proposed state action to bring facilities to fair-good condition, including the addition of an ice barrier structure.	\$859,892

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 2001 cost estimate

Factor	Adjustment Factor	Description
Inflation	14.3%	1.5% inflation to 2001, 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	15.0%	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, removal and disposal, permits, 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.

Summary of Cost

State Only

ID	Location	Feature	Component	FE AT Ext Code	Width h Unit 1	Length h Unit 2	Quantity Qty Units	Condition code Cond.	Replacement ent Cost	In-Place Value	Owner	Estimated Replacement t Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
KLAHBR	Klawock	Approach & Gangway	Decking (for fixed structures)	AG 1 D17	12 ft(wide) X	150 ft(long)	150 lin ft	2 poor	\$ 36,000	\$8,100	State	\$36,000	\$8,100	\$36,000	\$64,908
KLAHBR	Klawock	Approach & Gangway	Railing	AG 1 D41			300 lin ft	2 poor	\$ 7,500	\$1,688	State	\$7,500	\$1,688	\$7,500	\$13,523
KLAHBR	Klawock	Approach & Gangway	Piling	AG 1 H15	12 in dia		18 each	4 good	\$ 43,200	\$29,160	State	\$43,200	\$29,160	\$0	\$0
KLAHBR	Klawock	Approach & Gangway	Cross Braces	AG 1 H16			18 each	2 poor	\$ 3,600	\$810	State	\$3,600	\$810	\$3,600	\$8,491
KLAHBR	Klawock	Approach & Gangway	Support Structure	AG 1 H17		1800 sq ft	1 each	3 fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Approach & Gangway	Gangway Deck/Skld	AG 1 H18	6 ft(wide)	50 ft(long)	1 each	2 poor	\$ 3,000	\$675	State	\$3,000	\$675	\$3,000	\$5,409
KLAHBR	Klawock	Approach & Gangway	Gangway Hinge (top)	AG 1 H19			2 each	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Approach & Gangway	Gangway Railing	AG 1 H20			100 lin ft	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Approach & Gangway	Gangway Support Structure	AG 1 H21		300 sq ft	1 each	4 good	\$ 18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
KLAHBR	Klawock	Approach & Gangway	Gangway Toe (bottom)	AG 1 H22			1 each	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Approach & Gangway	Utilities-Light Distribution System	AG 1 H77		2100 sq ft	1 each	2 poor	\$ 10,500	\$2,383	State	\$10,500	\$2,383	\$10,500	\$18,932
KLAHBR	Klawock	Approach & Gangway	Disposal - Solid Waste Contain.	AG 1 H87			27 cu ft	2 poor	\$ 270	\$61	State	\$270	\$61	\$270	\$487
KLAHBR	Klawock	Approach & Gangway	Fire Protection - Other (see comment)	AG 1 H97			1	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Main Float	Piling	MF A H15	12 in dia		1 each	3 fair	\$ 2,400	\$1,080	State	\$2,400	\$1,080	\$1,200	\$2,184
KLAHBR	Klawock	Main Float	Piling	MF A H15	12 in dia		8 each	3 fair	\$ 10,200	\$7,290	State	\$10,200	\$7,290	\$8,100	\$14,804
KLAHBR	Klawock	Main Float	Float Structure (Deck)	MF A H27	10 ft(wide)	398 ft(long)	398 lin ft	2 poor	\$ 99,000	\$22,275	State	\$99,000	\$22,275	\$99,000	\$178,497
KLAHBR	Klawock	Main Float	Float Hinges (Standard)	MF A H28A			2 each	2 poor	\$ 800	\$180	State	\$800	\$180	\$800	\$1,442
KLAHBR	Klawock	Main Float	Pile Guides (Standard)	MF A H32A			10 each	2 poor	\$ 4,000	\$800	State	\$4,000	\$800	\$4,000	\$7,212
KLAHBR	Klawock	Main Float	Utilities-Light Distribution System	MF A H77		3960 sq ft	1 each	2 poor	\$ 19,800	\$4,455	State	\$19,800	\$4,455	\$19,800	\$35,899
KLAHBR	Klawock	Main Float	Utilities - Power System (Boats)	MF A H78A		0 fingers	1 each	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Main Float	Utilities - Water System (Boats)	MF A H81A		0 fingers	1 each	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Main Float	Piling	MF B H15	12 in dia		4 each	3 fair	\$ 9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,654
KLAHBR	Klawock	Main Float	Piling	MF B H15	12 in dia		8 each	3 fair	\$ 10,800	\$4,860	State	\$10,800	\$4,860	\$5,400	\$9,738
KLAHBR	Klawock	Main Float	Float Structure (Deck)	MF B H27	8 ft(wide)	362 ft(long)	362 lin ft	3 fair	\$ 72,400	\$32,580	State	\$72,400	\$32,580	\$36,200	\$65,269
KLAHBR	Klawock	Main Float	Float Hinges (Standard)	MF B H28A			2 each	3 fair	\$ 800	\$360	State	\$800	\$360	\$400	\$721
KLAHBR	Klawock	Main Float	Pile Guides (Standard)	MF B H32A			10 each	3 fair	\$ 4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,606
KLAHBR	Klawock	Main Float	Finger (or Stab) Floats	MF B H35	3 ft(wide)	25 ft(long)	27 each	3 fair	\$ 37,950	\$17,078	State	\$37,950	\$17,078	\$18,975	\$34,212
KLAHBR	Klawock	Main Float	Utilities-Light Distribution System	MF B H77		4546 sq ft	1 each	2 poor	\$ 22,730	\$5,114	State	\$22,730	\$5,114	\$22,730	\$40,982
KLAHBR	Klawock	Main Float	Utilities - Power System (Boats)	MF B H78A		22 fingers	1 each	2 poor	\$ 22,000	\$4,950	State	\$22,000	\$4,950	\$22,000	\$39,606
KLAHBR	Klawock	Main Float	Component - Other (see comments)	MF B H99			1 each	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
KLAHBR	Klawock	Main Float	Piling	MF C H15	12 in dia		3 each	3 fair	\$ 7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$6,491
KLAHBR	Klawock	Main Float	Float Structure (Deck)	MF C H27	10 ft(wide)	100 ft(long)	100 lin ft	2 poor	\$ 25,000	\$5,625	State	\$25,000	\$5,625	\$25,000	\$45,075
KLAHBR	Klawock	Main Float	Pile Guides (Standard)	MF C H32A			1 each	2 poor	\$ 400	\$90	State	\$400	\$90	\$400	\$721
KLAHBR	Klawock	Main Float	Pile Guides (Standard)	MF C H32A			2 each	2 poor	\$ 800	\$180	State	\$800	\$180	\$800	\$1,442
KLAHBR	Klawock	Main Float	Finger (or Stab) Floats	MF C H35	3 ft(wide)	38 ft(long)	2 each	2 poor	\$ 4,968	\$1,118	State	\$4,968	\$1,118	\$4,968	\$8,957
KLAHBR	Klawock	Main Float	Utilities-Light Distribution System	MF C H77		1215 sq ft	1 each	2 poor	\$ 8,080	\$1,368	State	\$8,080	\$1,368	\$8,080	\$10,982
KLAHBR	Klawock	Main Float	Utilities - Water System (Boats)	MF C H81A		2 fingers	1 each	2 poor	\$ 800	\$135	State	\$800	\$135	\$800	\$1,082
KLAHBR	Klawock	Seaplane Float	Piling	SP H15	12 in dia		6 each	2 poor	\$ 10,800	\$2,430	State	\$10,800	\$2,430	\$10,800	\$19,472
KLAHBR	Klawock	Seaplane Float	Float Structure (Deck)	SP H27	38 ft(wide)	48 ft(long)	48 lin ft	2 poor	\$ 43,200	\$9,720	State	\$43,200	\$9,720	\$43,200	\$77,890
KLAHBR	Klawock	Seaplane Float	Float Hinges (Standard)	SP H28A			2 each	2 poor	\$ 800	\$180	State	\$800	\$180	\$800	\$1,442
KLAHBR	Klawock	Seaplane Float	Pile Guides (Standard)	SP H32A			2 each	2 poor	\$ 800	\$180	State	\$800	\$180	\$800	\$1,442
KLAHBR	Klawock	Ice Barrier	Piling				4 each	0 need	\$ -	-	Proposed	\$ -	-	\$24,000	\$43,272
KLAHBR	Klawock	Ice Barrier	Float structure				150 lin ft	0 need	\$ -	-	Proposed	\$ -	-	\$48,000	\$86,544
KLAHBR	Klawock	Ice Barrier	Pile Guides (Standard)				4	0 need	\$ -	-	Proposed	\$ -	-	\$1,600	\$2,685
KLAHBR Total									\$ 545,198	\$ 188,513		\$545,198	\$188,513	\$403,323	\$859,892

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN and ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

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September 7, 2000

James Morton, Borough Manager
City of Borough of Yakutat
P.O. Box 160
Yakutat, AK 99689

Dear Mr. Morton:

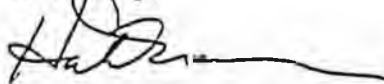
Thank you for the time and hospitality extended during my recent visit. The purpose of my trip was to review the survey report with you and to discuss the process of eventual transfer of the state owned harbor facilities to the Borough. We reviewed the history of previous harbor transfers and the current authorization for the Department to reimburse specific communities for local bond costs associated with harbor transfers.

During my visit we walked the floats to personally review the condition of the Yakutat Harbor. As a result of that inspection I returned to Juneau reviewed again the development history of the Yakutat facility and found float construction from 1963 to 1982. I have also reviewed the 1998 condition report by your consultant.

Based on the above, the Department believes an estimate of \$483.0 (thousands) is fair and reasonable to address deferred maintenance and bring state owned facilities in Yakutat to a condition suitable for transfer to the City. As you are aware, the Department has no authorization at this time. We are preparing these estimates for deferred maintenance projects and transfer should the Legislature choose to appropriate funds for that purpose.

If you have any questions please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosures (1)

cc: Bob Doll, Regional Director, Southeast Region
Michael Downing, P.E., Statewide Design and Engineering Services Director

Summary Information

Introduction:

The Yakutat Harbor is operated by the City and Borough of Yakutat through an agreement with the Department. The total capacity of the harbor is approximately 106 vessels. The Department's record of projects show a progression of renovations and expansion at Yakutat from 1963 to 1982. The approach, grid, and timber floats and piling were constructed in 1974. The outer floats with timber and steel piles, the launching ramp and electrical and lighting system was installed in 1982.

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 Yakutat facility survey was updated in 1999. The survey represents a fair assessment of conditions found in August 2000.

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 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 relocation of utilities.

Summary of Estimate:

The conditions found, the proposed state action, and the estimate to bring the State owned Yakutat Harbor 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 Yakutat Harbor.	\$	886,684
In-place Value of all features (State and Local) at current conditions.		\$480,170
Condition of all features (State and Local) as a percentage of Inventoried Replacement Value of all features.		54.2%
Inventoried Replacement Value of State Facilities and Features.		\$886,684
In-place Value of State facilities and features.		\$480,170
Condition of State facilities and features as a percentage of Replacement Value of State facilities and features.		54.2%
Cost Estimate to fund proposed State action.		\$483,360

Table

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. Less than six years life remaining.
3	Fair	Condition found is worn from normal wear and tear, functional as originally constructed, at approximate its half life at exposure and service conditions. Piling with some wear into the treatment layer, deck and bullrail members with aging and nominal deterioration. Approximately 50% of in-place value remaining.
4	Good	Condition found is near new with nominal evidence of age and usage with significant life remaining under 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.

Table 2: Condition Assessment codes for proposed DOT&I/F 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 2002 cost estimate

Factor	Adjustment Factor	Description
Inflation	17.8%	1.5% inflation to 2002, 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	15.0%	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 Costs

State Only

ID	Feature	Item	Feat.	Ext.	Quantity	Unit	Cond. Code	Cond.	Estimated Replacement Cost	In-place Value	Owner "State" or "Other"	Estimated Replacement Value	In-place Value	Maintenance and repair cost	Proposed State Action
YAKHBR	Approach & G	Decking (for fixed structures)	AG		188	lin ft	3	fair	\$ 22,560	\$10,152	State	\$22,560	\$10,152	\$11,280	\$ 20,733
YAKHBR	Approach & G	Railing	AG		376	lin ft	3	fair	\$ 9,400	\$4,230	State	\$9,400	\$4,230	\$4,700	\$ 8,639
YAKHBR	Approach & G	Abutment	AG		1	each	3	fair	\$ 5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$ 4,595
YAKHBR	Approach & G	Piling	AG		24	each	4	good	\$ 67,200	\$45,360	State	\$67,200	\$45,360	\$0	\$ -
YAKHBR	Approach & G	Cross Braces	AG		30	each	3	fair	\$ 6,000	\$2,700	State	\$6,000	\$2,700	\$3,000	\$ 5,514
YAKHBR	Approach & G	Support Structure	AG		1	each	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Approach & G	Gangway Deck/Skid	AG		1	each	3	fair	\$ 3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$ 2,757
YAKHBR	Approach & G	Gangway Hinge (top)	AG		2	each	2	poor	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Approach & G	Gangway Railing	AG		100	lin ft	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Approach & G	Gangway Support Structure	AG		1	each	3	fair	\$ 18,000	\$8,100	State	\$18,000	\$8,100	\$9,000	\$ 16,542
YAKHBR	Approach & G	Gangway Toe (bottom)	AG		1	each	-	0	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Approach & G	Utilities-Light Distribution System	AG		1	each	3	fair	\$ 7,140	\$3,213	State	\$7,140	\$3,213	\$3,570	\$ 6,562
YAKHBR	Approach & G	Utilities - Water System (general)	AG		1	each	-	0	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Grid	Ladders	G		2	each	4	good	\$ 1,000	\$675	State	\$1,000	\$675	\$0	\$ -
YAKHBR	Grid	Top Beams	G		7	each	4	good	\$ 4,200	\$2,835	State	\$4,200	\$2,835	\$0	\$ -
YAKHBR	Grid	Bearing Piles	G		28	each	4	good	\$ 42,000	\$28,350	State	\$42,000	\$28,350	\$0	\$ -
YAKHBR	Grid	Breasting Piles	G		3	each	4	good	\$ 6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$ -
YAKHBR	Grid	Component - Other (see comments)	G		1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Launch Ramp	Bollards/Cleats	LR		28	each	4	good	\$ 14,000	\$9,450	State	\$14,000	\$9,450	\$0	\$ -
YAKHBR	Launch Ramp	Abutment	LR		1	each	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Launch Ramp	Piling	LR		3	each	4	good	\$ 4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$ -
YAKHBR	Launch Ramp	Float Hinges (Standard)	LR		14	each	3	fair	\$ 5,600	\$2,520	State	\$5,600	\$2,520	\$2,800	\$ 5,146
YAKHBR	Launch Ramp	Ramp Length	LR		100	lin ft	3	fair	\$ 32,000	\$14,400	State	\$32,000	\$14,400	\$16,000	\$ 29,408
YAKHBR	Launch Ramp	Ramp Float	LR		140	each	3	fair	\$ 19,320	\$8,694	State	\$19,320	\$8,694	\$9,660	\$ 17,755
YAKHBR	Main Float	Piling	MF	1	4	each	2	poor	\$ 9,600	\$2,160	State	\$9,600	\$2,160	\$9,600	\$ 17,645
YAKHBR	Main Float	Piling	MF	1	11	each	3	fair	\$ 19,800	\$8,910	State	\$19,800	\$8,910	\$9,900	\$ 18,196
YAKHBR	Main Float	Float Structure (Deck)	MF	1	466	lin ft	3	fair	\$ 116,500	\$52,425	State	\$116,500	\$52,425	\$58,250	\$ 107,064
YAKHBR	Main Float	Pile Guides (Standard)	MF	1	8	each	4	good	\$ 3,200	\$2,160	State	\$3,200	\$2,160	\$0	\$ -
YAKHBR	Main Float	Pile Guides (Standard)	MF	1	7	each	2	poor	\$ 2,800	\$630	State	\$2,800	\$630	\$2,800	\$ 5,146
YAKHBR	Main Float	Utilities-Light Distribution System	MF	1	1	each	3	fair	\$ 23,300	\$10,485	State	\$23,300	\$10,485	\$11,650	\$ 21,413
YAKHBR	Main Float	Utilities - Power System (floats)	MF	1	1	each	-	0	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Main Float	Utilities - Water System (floats)	MF	1	1	each	-	0	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Main Float	Fire Protection - Other (see comm.)	MF	1	1		-	0	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Main Float	Component - Other (see comments)	MF	1	2	each	-	0	\$ -	\$0	State	\$0	\$0	\$0	\$ -
YAKHBR	Main Float	Piling	MF	2	5	each	4	good	\$ 9,000	\$6,075	State	\$9,000	\$6,075	\$0	\$ -
YAKHBR	Main Float	Float Structure (Deck)	MF	2	148	lin ft	4	good	\$ 22,200	\$14,985	State	\$22,200	\$14,985	\$0	\$ -
YAKHBR	Main Float	Float Hinges (Standard)	MF	2	4	each	4	good	\$ 1,600	\$1,080	State	\$1,600	\$1,080	\$0	\$ -
YAKHBR	Main Float	Pile Guides (Standard)	MF	2	3	each	2	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$ 2,206
YAKHBR	Main Float	Pile Guides (Standard)	MF	2	2	each	4	good	\$ 800	\$540	State	\$800	\$540	\$0	\$ -
YAKHBR	Main Float	Finger (or Stall) Floats	MF	2	3	each	4	good	\$ 3,519	\$2,375	State	\$3,519	\$2,375	\$0	\$ -

Yukutat 00 post visit.xls

Schedule of Costs

YAKHBR	Main Float	Utilities-Light Distribution System	MF	2	1 each	3	fair	\$	5,205	\$2,342 State	\$5,205	\$2,342	\$2,603	\$	4,783
YAKHBR	Main Float	Piling	MF	3	4 each	4	good	\$	7,200	\$4,860 State	\$7,200	\$4,860	\$0	\$	-
YAKHBR	Main Float	Float Structure (Deck)	MF	3	4 lin ft	3	fair	\$	600	\$270 State	\$600	\$270	\$300	\$	551
YAKHBR	Main Float	Float Structure (Deck)	MF	3	16 lin ft	3	fair	\$	2,400	\$1,080 State	\$2,400	\$1,080	\$1,200	\$	2,206
YAKHBR	Main Float	Float Structure (Deck)	MF	3	80 lin ft	3	fair	\$	12,000	\$5,400 State	\$12,000	\$5,400	\$6,000	\$	11,028
YAKHBR	Main Float	Float Hinges (Standard)	MF	3	2 each	3	fair	\$	800	\$360 State	\$800	\$360	\$400	\$	735
YAKHBR	Main Float	Pile Guides (Standard)	MF	3	2 each	2	poor	\$	800	\$180 State	\$800	\$180	\$800	\$	1,470
YAKHBR	Main Float	Pile Guides (Standard)	MF	3	2 each	4	good	\$	800	\$540 State	\$800	\$540	\$0	\$	-
YAKHBR	Main Float	Finger (or Stall) Floats	MF	3	6 each	4	good	\$	9,522	\$6,427 State	\$9,522	\$6,427	\$0	\$	-
YAKHBR	Main Float	Utilities-Light Distribution System	MF	3	1 each	3	fair	\$	5,070	\$2,282 State	\$5,070	\$2,282	\$2,535	\$	4,659
YAKHBR	Main Float	Utilities - Power System (floats)	MF	3	1 each	2	poor	\$	6,000	\$1,350 State	\$6,000	\$1,350	\$6,000	\$	11,028
YAKHBR	Main Float	Piling	MF	4	2 each	2	poor	\$	3,600	\$810 State	\$3,600	\$810	\$3,600	\$	6,617
YAKHBR	Main Float	Piling	MF	4	17 each	3	fair	\$	30,600	\$13,770 State	\$30,600	\$13,770	\$15,300	\$	28,121
YAKHBR	Main Float	Float Structure (Deck)	MF	4	236 lin ft	3	fair	\$	47,200	\$21,240 State	\$47,200	\$21,240	\$23,600	\$	43,377
YAKHBR	Main Float	Float Hinges (Standard)	MF	4	4 each	3	fair	\$	1,600	\$720 State	\$1,600	\$720	\$800	\$	1,470
YAKHBR	Main Float	Pile Guides (Standard)	MF	4	1 each	3	fair	\$	400	\$180 State	\$400	\$180	\$200	\$	368
YAKHBR	Main Float	Pile Guides (Standard)	MF	4	18 each	4	good	\$	7,200	\$4,860 State	\$7,200	\$4,860	\$0	\$	-
YAKHBR	Main Float	Finger (or Stall) Floats	MF	4	2 each	2	poor	\$	5,704	\$1,283 State	\$5,704	\$1,283	\$5,704	\$	10,484
YAKHBR	Main Float	Finger (or Stall) Floats	MF	4	4 each	4	good	\$	11,408	\$7,700 State	\$11,408	\$7,700	\$0	\$	-
YAKHBR	Main Float	Finger (or Stall) Floats	MF	4	5 each	4	good	\$	18,400	\$12,420 State	\$18,400	\$12,420	\$0	\$	-
YAKHBR	Main Float	Finger Float Hinges (Standard)	MF	4	11 each	4	good	\$	3,300	\$2,228 State	\$3,300	\$2,228	\$0	\$	-
YAKHBR	Main Float	Utilities-Light Distribution System	MF	4	1 each	3	fair	\$	13,440	\$6,048 State	\$13,440	\$6,048	\$6,720	\$	12,351
YAKHBR	Main Float	Utilities - Power System (floats)	MF	4	1 each	2	poor	\$	5,000	\$1,125 State	\$5,000	\$1,125	\$5,000	\$	9,190
YAKHBR	Main Float	Fire Protection - Other (see comm.)	MF	4	1	-	0	\$	-	\$0 State	\$0	\$0	\$0	\$	-
YAKHBR	Main Float	Piling	MF	5	12 each	4	good	\$	21,600	\$14,330 State	\$21,600	\$14,330	\$0	\$	-
YAKHBR	Main Float	Float Structure (Deck)	MF	5	153 lin ft	4	good	\$	30,600	\$20,655 State	\$30,600	\$20,655	\$0	\$	-
YAKHBR	Main Float	Float Hinges (Standard)	MF	5	2 each	4	good	\$	800	\$540 State	\$800	\$540	\$0	\$	-
YAKHBR	Main Float	Pile Guides (Standard)	MF	5	12 each	4	good	\$	4,800	\$3,240 State	\$4,800	\$3,240	\$0	\$	-
YAKHBR	Main Float	Finger (or Stall) Floats	MF	5	4 each	4	good	\$	14,720	\$9,936 State	\$14,720	\$9,936	\$0	\$	-
YAKHBR	Main Float	Finger Float Hinges (Standard)	MF	5	4 each	4	good	\$	1,200	\$810 State	\$1,200	\$810	\$0	\$	-
YAKHBR	Main Float	Utilities-Light Distribution System	MF	5	1 each	3	fair	\$	9,320	\$4,194 State	\$9,320	\$4,194	\$4,660	\$	8,565
YAKHBR	Main Float	Utilities - Power System (floats)	MF	5	1 each	3	fair	\$	4,000	\$1,800 State	\$4,000	\$1,800	\$2,000	\$	3,676
YAKHBR	Main Float	Piling	MF	6	4 each	3	fair	\$	9,600	\$4,320 State	\$9,600	\$4,320	\$4,800	\$	8,822
YAKHBR	Main Float	Piling	MF	6	9 each	4	good	\$	16,200	\$10,935 State	\$16,200	\$10,935	\$0	\$	-
YAKHBR	Main Float	Piling	MF	6	3 each	2	poor	\$	8,400	\$1,890 State	\$8,400	\$1,890	\$8,400	\$	15,439
YAKHBR	Main Float	Float Structure (Deck)	MF	6	179 lin ft	4	good	\$	44,750	\$30,206 State	\$44,750	\$30,206	\$0	\$	-
YAKHBR	Main Float	Float Hinges (Standard)	MF	6	2 each	4	good	\$	800	\$540 State	\$800	\$540	\$0	\$	-
YAKHBR	Main Float	Pile Guides (Standard)	MF	6	16 each	4	good	\$	6,400	\$4,320 State	\$6,400	\$4,320	\$0	\$	-
YAKHBR	Main Float	Finger (or Stall) Floats	MF	6	3 each	4	good	\$	10,971	\$7,405 State	\$10,971	\$7,405	\$0	\$	-
YAKHBR	Main Float	Finger Float Hinges (Standard)	MF	6	6 each	4	good	\$	1,800	\$1,215 State	\$1,800	\$1,215	\$0	\$	-
YAKHBR	Main Float	Utilities-Light Distribution System	MF	6	1 each	4	good	\$	11,335	\$7,651 State	\$11,335	\$7,651	\$0	\$	-
YAKHBR	Main Float	Utilities - Power System (floats)	MF	6	1 each	3	fair	\$	3,000	\$1,350 State	\$3,000	\$1,350	\$1,500	\$	2,757
YAKHBR	Seaplane Float	Float Structure (Deck)	SP		23 lin ft	3	fair	\$	6,900	\$3,105 State	\$6,900	\$3,105	\$3,450	\$	6,341
YAKHBR	Seaplane Float	Float Hinges (Standard)	SP		2 each	4	good	\$	800	\$540 State	\$800	\$540	\$0	\$	-
YAKHBR Total									\$	886,684	\$480,170	\$886,684	\$480,170	\$	483,360

Yakutat 00 post visit.xls

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STATEWIDE DESIGN and ENGINEERING SERVICES DIVISION
Ports and Harbors Engineer

TONY KNOWLES, GOVERNOR

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January 24, 2000

David Soulak, City Manager
City of Wrangell
P.O. Box 531
Wrangell, AK 99929

Dear Mr. Soulak:

Thank you for the time and hospitality extended during my visit in January. The purpose of my trip was to review that survey report with you and your staff and to discuss the process of eventual transfer of the state owned harbor facilities to the City.

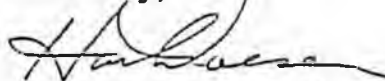
During my visit I walked the floats to personally review the condition of these floats and the issues of concern expressed by your staff. The enclosed estimate reflects those discussions with your staff.

Our proposal does not directly include any consideration of calculated depreciation. It is not our intent to bring the facility up to perfect new condition or to fund depreciation accounts for those assets still in good condition.

The Department believes the estimate of \$3000.0 (thousands) is fair and reasonable to address deferred maintenance and brings state owned facilities in Wrangell to a condition suitable for transfer to the City. The Department is preparing these estimates for deferred maintenance projects and transfer should the Legislature choose to appropriate funds for that purpose.

If you have any questions please do not hesitate to call me at the above number.

Sincerely,



Harold Moeser, P.E.
State Harbor Engineer

Enclosures (1)

cc: Gary Hayden, P.E., Acting Regional Director, Southeast Region.
Michael Downing, P.E., Statewide Design and Engineering Services Director

Summary Information

The Wrangell Harbor includes float systems at Inner Harbor, Fish and Game Float, Reliance Harbor, Shoemaker Bay Harbor, and Standard Oil Float. The capacity of the Wrangell Harbor System is approximately 571 vessels.

Survey:

The Department of Transportation and Public Facilities completed a comprehensive survey and inventory of all public harbor facilities in Alaska in 1992. The Wrangell was surveyed in June 1992. The survey was updated in 1997. The survey was reviewed and updated in January 2000 after consultation with the Wrangell Harbormaster and additional areas of concern were addressed. The survey represent a fair assessment of conditons as of January 2000.

Basis of Estimate:

The estimated replacement costs (in-kind replacement costs for new construction) were assigned to each item on the inventory and are shown as extended cost in the value schedule. These costs were based on 1992 construction cost data. The estimates for proposed state action include an allowance for price escalation (inflation), design, construction and administrative services, an allowance for demolition and disposal, mobilization, and a contingency for identified work items and temporary relocation of vessels and utilities.

Summary of the Estimate.

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

SUMMARY

The following information summarizes the Schedule of costs.

Inventoried Replacement Value (IRV) of all facilities and features in inventory.	\$	8,814,241
In-place Value of all features (State and Local) at current conditions.	\$	5,204,791
Inventoried Replacement Value of State Facilities and Features.	\$	7,384,751
In-place Value of State facilities and features.	\$	4,276,448
Cost Estimate to fund proposed State action.	\$	2,999,667

Summary by Harbor

Fish and Game Float	\$	957,472
Inner Harbor	\$	316,666
Reliance Harbor	\$	816,121
Shoemaker Bay Harbor	\$	788,043
Standard Oil Float	\$	121,365
Cost Estimate to fund proposed State action.	\$	2,999,667

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. Approximately 50% of in-place value remaining.
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	Br. or good or new condition (50% of estimated
4	Good	No action.
5	New	No action

Table 3: Adjustment factors for 1998 cost estimate

Factor	Adjustment Factor	Description
Inflation	14.3%	1.5% inflation to 2001, 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	10.0%	For unidentified work elements, temporary relocation of utilities and facilities necessary to undertake the proposed renovation including DOTPF Indirect Cost Allocation and direct costs, anticipated to be less than 5%.

Schedule of Costs

ID	Feature	Item	at Ex t	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
WRAFAG	Approach & Gangway	Decking (for fixed structures)	AG	44	lin ft	3	fair	\$ 21,120	\$9,504	State	\$21,120	\$9,504	\$10,560	\$18,040
WRAFAG	Approach & Gangway	Railing	AG	90	lin ft	3	fair	\$ 2,250	\$1,013	State	\$2,250	\$1,013	\$1,125	\$2,028
WRAFAG	Approach & Gangway	Abutment	AG	1	each	3	fair	\$ 5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,508
WRAFAG	Approach & Gangway	Piling	AG	7	each	3	fair	\$ 19,800	\$8,820	State	\$19,800	\$8,820	\$9,800	\$17,669
WRAFAG	Approach & Gangway	Cross Braces	AG	14	each	3	fair	\$ 2,800	\$1,260	State	\$2,800	\$1,260	\$1,400	\$2,524
WRAFAG	Approach & Gangway	Support Structure	AG	1	each	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Approach & Gangway	Gangway Deck/Skid	AG	1	each	2	poor	\$ 3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491
WRAFAG	Approach & Gangway	Gangway Hinge (top)	AG	2	each	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Approach & Gangway	Gangway Railing	AG	120	lin ft	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Approach & Gangway	Gangway Support Structure	AG	1	each	3	fair	\$ 21,600	\$9,720	State	\$21,600	\$9,720	\$10,800	\$19,472
WRAFAG	Approach & Gangway	Gangway Toe (bottom)	AG	1	each	2	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Breakwater	Rubblemound	BW	300	lin ft	4	good	\$ 1,200,000	\$810,000	Other	\$0	\$0	\$0	\$0
WRAFAG	Dock (Pier)	Decking (for fixed structures)	DP	47	lin ft	3	fair	\$ 48,175	\$21,679	State	\$48,175	\$21,679	\$24,088	\$43,430
WRAFAG	Dock (Pier)	Fendering System	DP	0	lin ft	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Dock (Pier)	Railing	DP	149	lin ft	3	fair	\$ 3,725	\$1,876	State	\$3,725	\$1,876	\$663	\$3,358
WRAFAG	Dock (Pier)	Cargo Hoist	DP	1	each	3	fair	\$ 500	\$225	State	\$500	\$225	\$250	\$451
WRAFAG	Dock (Pier)	Piling	DP	24	each	3	fair	\$ 84,000	\$37,800	State	\$84,000	\$37,800	\$42,000	\$75,726
WRAFAG	Dock (Pier)	Cross Braces	DP	4	each	1	failed	\$ 800	\$0	State	\$800	\$0	\$800	\$1,442
WRAFAG	Dock (Pier)	Cross Braces	DP	44	each	3	fair	\$ 8,800	\$3,960	State	\$8,800	\$3,960	\$4,400	\$7,933
WRAFAG	Dock (Pier)	Utilities-Light Distribution System	DP	1	each	3	fair	\$ 9,635	\$4,336	State	\$9,635	\$4,336	\$4,818	\$8,688
WRAFAG	Dock (Pier)	Utilities - Power System (general)	DP	1	each	3	fair	\$ 5,781	\$2,601	State	\$5,781	\$2,601	\$2,891	\$5,212
WRAFAG	Dock (Pier)	Utility System -Other(see comments)	DP	1	other	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Dock (Pier)	Disposal - Solid Waste Containers	DP	3	cu ft	3	fair	\$ 30	\$14	State	\$30	\$14	\$15	\$27
WRAFAG	Main Float	Piling	MF 1	5	each	2	poor	\$ 12,000	\$2,700	State	\$12,000	\$2,700	\$12,000	\$21,636
WRAFAG	Main Float	Piling	MF 1	2	each	2	poor	\$ 3,600	\$810	State	\$3,600	\$810	\$3,600	\$6,491
WRAFAG	Main Float	Float Structure (Deck)	MF 1	125	lin ft	2	poor	\$ 31,250	\$7,031	State	\$31,250	\$7,031	\$31,250	\$56,344
WRAFAG	Main Float	Pile Guides (Standard)	MF 1	3	each	2	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,164
WRAFAG	Main Float	Pile Guides (Standard)	MF 1	2	each	2	poor	\$ 800	\$180	State	\$800	\$180	\$800	\$1,442
WRAFAG	Main Float	Utilities-Light Distribution System	MF 1	1	each	2	poor	\$ 8,250	\$1,406	State	\$8,250	\$1,406	\$6,250	\$11,269
WRAFAG	Main Float	Utilities - Power System (floats)	MF 1	1	each	2	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Main Float	Utilities - Water System (floats)	MF 1	1	each	2	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAFAG	Main Float	Piling	MF 2	16	each	2	poor	\$ 24,000	\$5,400	State	\$24,000	\$5,400	\$24,000	\$43,272
WRAFAG	Main Float	Float Structure (Deck)	MF 2	488	lin ft	2	poor	\$ 122,000	\$27,450	State	\$122,000	\$27,450	\$122,000	\$219,965
WRAFAG	Main Float	Float Hinges (Heavy Duty)	MF 2	2	each	2	poor	\$ 1,200	\$270	State	\$1,200	\$270	\$1,200	\$2,164
WRAFAG	Main Float	Pile Guides (Standard)	MF 2	8	each	2	poor	\$ 3,200	\$720	State	\$3,200	\$720	\$3,200	\$5,770
WRAFAG	Main Float	Pile Guides (Standard)	MF 2	8	each	2	poor	\$ 3,200	\$720	State	\$3,200	\$720	\$3,200	\$5,770
WRAFAG	Main Float	Finger (or Stall) Floats	MF 2	6	each	2	poor	\$ 8,211	\$1,847	State	\$8,211	\$1,847	\$8,211	\$14,804
WRAFAG	Main Float	Finger (or Stall) Floats	MF 2	1	each	2	poor	\$ 2,576	\$580	State	\$2,576	\$580	\$2,576	\$4,645
WRAFAG	Main Float	Finger (or Stall) Floats	MF 2	7	each	2	poor	\$ 18,032	\$4,057	State	\$18,032	\$4,057	\$18,032	\$32,512
WRAFAG	Main Float	Finger Float Hinges (Standard)	MF 2	16	each	2	poor	\$ 4,800	\$1,080	State	\$4,800	\$1,080	\$4,800	\$8,654
WRAFAG	Main Float	Finger Float Hinges (Standard)	MF 2	6	each	2	poor	\$ 1,800	\$405	State	\$1,800	\$405	\$1,800	\$3,245

Schedule of Costs

ID	Feature	Item	Mat	Ex	Quan	Unit	Con	diti	n	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only		
														Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost
WRAFAG	Main Float	Breasting Piles	MF	2	10	each	2	poor	\$	20,000	\$4,500	State		\$20,000	\$4,500	\$20,000
WRAFAG	Main Float	Utilities-Light Distribution System	MF	2	1	each	2	poor	\$	30,665	\$6,900	State		\$30,665	\$6,900	\$30,665
WRAFAG	Main Float	Utilities - Power System (floats)	MF	2	1	each	2	poor	\$	14,000	\$3,150	State		\$14,000	\$3,150	\$14,000
WRAFAG	Main Float	Utilities - Water System (floats)	MF	2	1	each	2	poor	\$	4,200	\$945	State		\$4,200	\$945	\$4,200
WRAFAG	Main Float	Fire Protection - Extinguishers	MF	2	1	each	2	poor	\$	500	\$113	State		\$500	\$113	\$500
WRAFAG	Main Float	Component - Other (see comments)	MF	2	1	each	2	poor	\$	-	\$0	State		\$0	\$0	\$0
WRAFAG	Main Float	Piling	MF	3	3	each	2	poor	\$	7,200	\$1,020	State		\$7,200	\$1,020	\$7,200
WRAFAG	Main Float	Piling	MF	3	1	each	2	poor	\$	1,800	\$405	State		\$1,800	\$405	\$1,800
WRAFAG	Main Float	Float Structure (Deck)	MF	3	75	lin ft	2	poor	\$	18,750	\$4,219	State		\$18,750	\$4,219	\$18,750
WRAFAG	Main Float	Float Hinges (Standard)	MF	3	2	each	2	poor	\$	800	\$180	State		\$800	\$180	\$800
WRAFAG	Main Float	Pile Guides (Standard)	MF	3	1	each	2	poor	\$	400	\$90	State		\$400	\$90	\$400
WRAFAG	Main Float	Pile Guides (Standard)	MF	3	3	each	2	poor	\$	1,200	\$270	State		\$1,200	\$270	\$1,200
WRAFAG	Main Float	Finger (or Stall) Floats	MF	3	1	each	2	poor	\$	5,382	\$1,211	State		\$5,382	\$1,211	\$5,382
WRAFAG	Main Float	Finger Float Hinges (Standard)	MF	3	2	each	2	poor	\$	800	\$135	State		\$800	\$135	\$800
WRAFAG	Main Float	Utilities-Light Distribution System	MF	3	1	each	2	poor	\$	4,920	\$1,107	State		\$4,920	\$1,107	\$4,920
WRAFAG	Main Float	Utilities - Power System (floats)	MF	3	1	each	2	poor	\$	1,000	\$225	State		\$1,000	\$225	\$1,000
WRAFAG	Main Float	Utilities - Water System (floats)	MF	3	1	each	2	poor	\$	300	\$68	State		\$300	\$68	\$300
WRAFAG	Main Float	Piling	MF	4	5	each	2	poor	\$	14,000	\$3,150	State		\$14,000	\$3,150	\$14,000
WRAFAG	Main Float	Float Structure (Deck)	MF	4	125	lin ft	2	poor	\$	31,250	\$7,031	State		\$31,250	\$7,031	\$31,250
WRAFAG	Main Float	Float Hinges (Standard)	MF	4	2	each	2	poor	\$	800	\$180	State		\$800	\$180	\$800
WRAFAG	Main Float	Pile Guides (Standard)	MF	4	5	each	2	poor	\$	2,000	\$450	State		\$2,000	\$450	\$2,000
WRAFAG	Main Float	Utilities-Light Distribution System	MF	4	1	each	2	poor	\$	6,250	\$1,406	State		\$6,250	\$1,406	\$6,250
WRAFAG	Main Float	Utilities - Water System (floats)	MF	4	1	each	2	poor	\$	-	\$0	State		\$0	\$0	\$0
WRAFAG	Total								\$	1,847,552	\$1,007,948			\$647,552	\$197,948	\$957,472
WRAINH	Approach & Gangway	Decking (for fixed structures)	AG		87	lin ft	3	fair	\$	20,880	\$9,398	State		\$20,880	\$9,398	\$10,440
WRAINH	Approach & Gangway	Railing	AG		174	lin ft	3	fair	\$	4,350	\$1,958	State		\$4,350	\$1,958	\$2,175
WRAINH	Approach & Gangway	Abutment	AG		1	each	2	poor	\$	5,000	\$1,125	State		\$5,000	\$1,125	\$5,000
WRAINH	Approach & Gangway	Piling	AG		12	each	4	good	\$	28,800	\$19,440	State		\$28,800	\$19,440	\$0
WRAINH	Approach & Gangway	Cross Braces	AG		8	each	1	failed	\$	1,600	\$0	State		\$1,600	\$0	\$1,600
WRAINH	Approach & Gangway	Cross Braces	AG		8	each	3	fair	\$	1,200	\$540	State		\$1,200	\$540	\$600
WRAINH	Approach & Gangway	Support Structure	AG		1	each	4	good	\$	-	\$0	State		\$0	\$0	\$0
WRAINH	Approach & Gangway	Gangway Deck/Skid	AG		1	each	4	good	\$	3,000	\$2,025	State		\$3,000	\$2,025	\$0
WRAINH	Approach & Gangway	Gangway Hinge (top)	AG		2	each	3	fair	\$	-	\$0	State		\$0	\$0	\$0
WRAINH	Approach & Gangway	Gangway Railing	AG		100	lin ft	4	good	\$	-	\$0	State		\$0	\$0	\$0
WRAINH	Approach & Gangway	Gangway Support Structure	AG		1	each	4	good	\$	18,000	\$12,150	State		\$18,000	\$12,150	\$0
WRAINH	Approach & Gangway	Gangway Toe (bottom)	AG		1	each	4	good	\$	-	\$0	State		\$0	\$0	\$0
WRAINH	Gangway Float	Float Structure (Deck)	GF		20	lin ft	4	good	\$	7,200	\$4,860	State		\$7,200	\$4,860	\$0
WRAINH	Gangway Float	Utility System -Other(see comments)	GF		1	other	4	good	\$	-	\$0	State		\$0	\$0	\$0
WRAINH	Moorage Basin	Minimum Depth	MB		50	ft MLLW	2	poor			\$0	Other		\$0	\$0	\$0

Schedule of Costs

ID	Feature	Item	at Ex t	Quant lty	Unit	Con dition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
WRAINH	Main Float	Piling	MF	2	22	each	4 good	\$ 39,600	\$26,730	State	\$39,600	\$26,730	\$0	\$0
WRAINH	Main Float	Float Structure (Deck)	MF	2	418	lin ft	4 good	\$ 104,500	\$70,538	State	\$104,500	\$70,538	\$0	\$0
WRAINH	Main Float	Float Hinges (Standard)	MF	2	2	each	4 good	\$ 800	\$540	State	\$800	\$540	\$0	\$0
WRAINH	Main Float	Pile Guides (Standard)	MF	2	12	each	4 good	\$ 4,800	\$3,240	State	\$4,800	\$3,240	\$0	\$0
WRAINH	Main Float	Pile Guides (Standard)	MF	2	10	each	2 poor	\$ 4,000	\$900	State	\$4,000	\$900	\$4,000	\$7,212
WRAINH	Main Float	Finger (or Stall) Floats	MF	2	22	each	3 fair	\$ 23,656	\$10,645	State	\$23,656	\$10,645	\$11,828	\$21,325
WRAINH	Main Float	Finger (or Stall) Floats	MF	2	10	each	3 fair	\$ 29,440	\$13,248	State	\$29,440	\$13,248	\$14,720	\$26,540
WRAINH	Main Float	Finger Float Hinges (Standard)	MF	2	20	each	4 good	\$ 6,000	\$4,050	State	\$6,000	\$4,050	\$0	\$0
WRAINH	Main Float	Utilities-Light Distribution System	MF	2	1	each	4 good	\$ 32,443	\$21,899	State	\$32,443	\$21,899	\$0	\$0
WRAINH	Main Float	Utilities - Power System (floats)	MF	2	1	each	3 fair	\$ 32,000	\$14,400	State	\$32,000	\$14,400	\$16,000	\$28,848
WRAINH	Main Float	Utilities - Water System (floats)	MF	2	1	each	3 fair	\$ 9,600	\$4,320	State	\$9,600	\$4,320	\$4,800	\$8,654
WRAINH	Main Float	Fire Protection - Extinguishers	MF	2	2	each	4 good	\$ 1,000	\$675	State	\$1,000	\$675	\$0	\$0
WRAINH	Main Float	Piling	MF	3	18	each	4 good	\$ 27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
WRAINH	Main Float	Float Structure (Deck)	MF	3	370	lin ft	3 fair	\$ 92,500	\$41,625	State	\$92,500	\$41,625	\$46,250	\$83,389
WRAINH	Main Float	Float Hinges (Standard)	MF	3	2	each	4 good	\$ 800	\$540	State	\$800	\$540	\$0	\$0
WRAINH	Main Float	Pile Guides (Standard)	MF	3	9	each	4 good	\$ 3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
WRAINH	Main Float	Finger (or Stall) Floats	MF	3	9	each	3 fair	\$ 9,677	\$4,355	State	\$9,677	\$4,355	\$4,839	\$8,724
WRAINH	Main Float	Finger (or Stall) Floats	MF	3	12	each	3 fair	\$ 35,328	\$15,898	State	\$35,328	\$15,898	\$17,664	\$31,848
WRAINH	Main Float	Finger Float Hinges (Standard)	MF	3	12	each	4 good	\$ 3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
WRAINH	Main Float	Utilities-Light Distribution System	MF	3	1	each	3 fair	\$ 28,284	\$12,728	State	\$28,284	\$12,728	\$14,142	\$25,498
WRAINH	Main Float	Utilities - Power System (floats)	MF	3	1	each	3 fair	\$ 21,000	\$9,450	State	\$21,000	\$9,450	\$10,500	\$18,932
WRAINH	Main Float	Utilities - Water System (floats)	MF	3	1	each	3 fair	\$ 6,300	\$2,835	State	\$6,300	\$2,835	\$3,150	\$5,879
WRAINH	Main Float	Fire Protection - Extinguishers	MF	3	2	each	4 good	\$ 1,000	\$675	State	\$1,000	\$675	\$0	\$0
WRAINH	Marginal Float	Piling	MG	1	1	each	4 good	\$ 2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
WRAINH	Marginal Float	Piling	MG	1	5	each	4 good	\$ 9,000	\$6,075	State	\$9,000	\$6,075	\$0	\$0
WRAINH	Marginal Float	Float Structure (Deck)	MG	1	225	lin ft	4 good	\$ 51,750	\$34,931	State	\$51,750	\$34,931	\$0	\$0
WRAINH	Marginal Float	Pile Guides (Standard)	MG	1	6	each	4 good	\$ 2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
WRAINH	Marginal Float	Finger (or Stall) Floats	MG	1	3	each	4 good	\$ 3,226	\$2,177	State	\$3,226	\$2,177	\$0	\$0
WRAINH	Marginal Float	Utilities-Light Distribution System	MG	1	1	each	3 fair	\$ 11,951	\$5,378	State	\$11,951	\$5,378	\$5,976	\$10,774
WRAINH	Marginal Float	Utilities - Power System (floats)	MG	1	1	each	3 fair	\$ 3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,705
WRAINH	Marginal Float	Utilities - Water System (floats)	MG	1	1	each	3 fair	\$ 900	\$405	State	\$900	\$405	\$450	\$811
WRAINH	Marginal Float	Component - Other (see comments)	MG	1	1	each	4 good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRAINH	Upland Facilities	Facilities - Parking (by stall)	UF		50	stalls	4 good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRAINH	Upland Facilities	Utilities-Light Distribution System	UF		1	each	4 good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRAINH	Upland Facilities	Disposal - Waste Oil Containers	UF		500	gal	4 good	\$ 2,500	\$1,688	Other	\$0	\$0	\$0	\$0
WRAINH	Upland Facilities	Disposal - Solid Waste Containers	UF		1000	cu ft	4 good	\$ 10,000	\$6,750	Other	\$0	\$0	\$0	\$0
WRAINH	Total							\$ 704,084	\$395,862		\$691,584	\$387,424		\$316,666
WRARLH	Approach & Gangway	Gangway Deck/Skid	AG	1	1	each	5 new	\$ 3,900	\$3,510	State	\$3,900	\$3,510	\$0	\$0
WRARLH	Approach & Gangway	Gangway Hinge (top)	AG	1	2	each	4 good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Approach & Gangway	Gangway Railing	AG	1	100	lin ft	5 new	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Approach & Gangway	Gangway Support Structure	AG	1	1	each	5 new	\$ 23,400	\$21,060	State	\$23,400	\$21,060	\$0	\$0

Schedule of Costs

ID	Feature	Item		at 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
WRARLH	Approach & Gangway	Gangway Toe (bottom)	AG	1	1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Approach & Gangway	Abutment	AG	2	1	each	4	good	\$ 5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
WRARLH	Approach & Gangway	Support Structure	AG	2	1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Approach & Gangway	Gangway Deck/Skid	AG	2	1	each	4	good	\$ 3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
WRARLH	Approach & Gangway	Gangway Hinge (top)	AG	2	2	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Approach & Gangway	Gangway Railing	AG	2	120	lin ft	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Approach & Gangway	Gangway Support Structure	AG	2	1	each	4	good	\$ 21,600	\$14,580	State	\$21,600	\$14,580	\$0	\$0
WRARLH	Approach & Gangway	Gangway Toe (bottom)	AG	2	1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Dock (Pier)	Decking (for fixed structures)	DP		110	lin ft	3	fair	\$ 192,500	\$88,625	State	\$192,500	\$88,625	\$96,250	\$173,539
WRARLH	Dock (Pier)	Fendering System	DP		1	lin ft	4	good	\$ 200	\$135	State	\$200	\$135	\$0	\$0
WRARLH	Dock (Pier)	Ladders	DP		2	each	4	good	\$ 1,000	\$675	State	\$1,000	\$675	\$0	\$0
WRARLH	Dock (Pier)	Cargo Hoist	DP		1	each	4	good	\$ 1,000	\$675	State	\$1,000	\$675	\$0	\$0
WRARLH	Dock (Pier)	Piling	DP		66	each	4	good	\$ 198,000	\$133,650	State	\$198,000	\$133,650	\$0	\$0
WRARLH	Dock (Pier)	Cross Braces	DP		32	each	1	failed	\$ 6,400	\$0	State	\$6,400	\$0	\$6,400	\$11,539
WRARLH	Dock (Pier)	Cross Braces	DP		18	each	3	fair	\$ 3,600	\$1,620	State	\$3,600	\$1,620	\$1,800	\$3,245
WRARLH	Dock (Pier)	Facilities - Harbor Office	DP		0	sq ft	3	fair	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRARLH	Dock (Pier)	Facilities - Restrooms	DP		1	each	3	fair	\$ 5,000	\$2,250	Other	\$0	\$0	\$0	\$0
WRARLH	Dock (Pier)	Utilities-Light Distribution System	DP		1	each	2	poor	\$ 38,500	\$8,663	State	\$38,500	\$8,663	\$38,500	\$69,416
WRARLH	Dock (Pier)	Utilities - Power System (general)	DP		1	each	2	poor	\$ 23,100	\$5,198	State	\$23,100	\$5,198	\$23,100	\$41,649
WRARLH	Dock (Pier)	Utilities - Water System (general)	DP		1	each	2	poor	\$ 15,400	\$3,465	State	\$15,400	\$3,465	\$15,400	\$27,768
WRARLH	Dock (Pier)	Utility System -Other(see comments)	DP		2	other	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRARLH	Dock (Pier)	Disposal - Solid Waste Containers	DP		4	cu ft	4	good	\$ 40	\$27	Other	\$0	\$0	\$0	\$0
WRARLH	Dock (Pier)	Fire Protection - Extinguishers	DP		2	each	4	good	\$ 1,000	\$675	Other	\$0	\$0	\$0	\$0
WRARLH	Grid	Railing	G		180	lin ft	3	fair	\$ 4,500	\$2,025	State	\$4,500	\$2,025	\$2,250	\$4,057
WRARLH	Grid	Cross Braces	G		12	each	4	good	\$ 3,600	\$2,430	State	\$3,600	\$2,430	\$0	\$0
WRARLH	Grid	Top Beams	G		13	each	4	good	\$ 7,800	\$5,265	State	\$7,800	\$5,265	\$0	\$0
WRARLH	Grid	Bearing Piles	G		104	each	3	fair	\$ 156,000	\$70,200	State	\$156,000	\$70,200	\$78,000	\$140,634
WRARLH	Grid	Breasting Piles	G		24	each	4	good	\$ 48,000	\$32,400	State	\$48,000	\$32,400	\$0	\$0
WRARLH	Grid	Catwalks	G		1	each	3	fair	\$ 21,600	\$9,720	State	\$21,600	\$9,720	\$10,800	\$19,472
WRARLH	Grid	Utilities-Light Distribution System	G		1	each	3	fair	\$ 1,800	\$810	State	\$1,800	\$810	\$900	\$1,823
WRARLH	Grid	Utilities - Power System (general)	G		1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Grid	Component - Other (see comments)	G		6	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Grid	Component - Other (see comments)	G		1	each	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Main Float	Piling	MF	1	3	each	3	fair	\$ 5,400	\$2,430	State	\$5,400	\$2,430	\$2,700	\$4,868
WRARLH	Main Float	Float Structure (Deck)	MF	1	100	lin ft	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Main Float	Pile Guides (Standard)	MF	1	3	each	4	good	\$ 1,200	\$810	State	\$1,200	\$810	\$0	\$0
WRARLH	Main Float	Piling	MF	2	4	each	4	good	\$ 8,400	\$5,670	State	\$8,400	\$5,670	\$0	\$0
WRARLH	Main Float	Float Structure (Deck)	MF	2	158	lin ft	4	good	\$ 47,400	\$31,995	State	\$47,400	\$31,995	\$0	\$0
WRARLH	Main Float	Float Hinges (Standard)	MF	2	2	each	3	fair	\$ 800	\$360	State	\$800	\$360	\$400	\$721
WRARLH	Main Float	Pile Guides (Standard)	MF	2	4	each	4	good	\$ 1,600	\$1,080	State	\$1,600	\$1,080	\$0	\$0
WRARLH	Main Float	Finger (or Stall) Floats	MF	2	2	each	3	fair	\$ 2,910	\$1,309	State	\$2,910	\$1,309	\$1,455	\$2,823

Schedule of Costs

ID	Feature	Item	at Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
											Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
WRARLH	Main Float	Utilities - Power System (floats)	MF	2	1	each	2 poor	\$ 2,000	\$450	State	\$2,000	\$450	\$2,000	\$3,606
WRARLH	Main Float	Utilities - Water System (floats)	MF	2	1	each	2 poor	\$ 600	\$135	State	\$600	\$135	\$600	\$1,082
WRARLH	Main Float	Fire Protection - Extinguishers	MF	2	1	each	4 good	\$ 500	\$338	Other	\$0	\$0	\$0	\$0
WRARLH	Main Float	Mooring Dolphins	MF	3	1	each	2 poor	\$ 9,000	\$2,025	State	\$9,000	\$2,025	\$9,000	\$16,227
WRARLH	Main Float	Piling	MF	3	20	each	4 good	\$ 36,000	\$24,300	State	\$36,000	\$24,300	\$0	\$0
WRARLH	Main Float	Float Structure (Deck)	MF	3	674	lin ft	3 fair	\$ 168,500	\$75,825	State	\$168,500	\$75,825	\$84,250	\$151,903
WRARLH	Main Float	Pile Guides (Standard)	MF	3	2	each	3 fair	\$ 800	\$360	State	\$800	\$360	\$400	\$721
WRARLH	Main Float	Pile Guides (Standard)	MF	3	18	each	3 fair	\$ 7,200	\$3,240	State	\$7,200	\$3,240	\$3,600	\$6,491
WRARLH	Main Float	Utilities-Light Distribution System	MF	3	1	each	2 poor	\$ 33,700	\$7,583	State	\$33,700	\$7,583	\$33,700	\$60,761
WRARLH	Main Float	Utilities - Power System (floats)	MF	3	1	each	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Main Float	Utilities - Water System (floats)	MF	3	1	each	2 poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRARLH	Main Float	Piling	MF	4	1	each	4 good	\$ 1,800	\$1,215	State	\$1,800	\$1,215	\$0	\$0
WRARLH	Main Float	Float Structure (Deck)	MF	4	56	lin ft	3 fair	\$ 8,400	\$3,780	State	\$8,400	\$3,780	\$4,200	\$7,573
WRARLH	Main Float	Float Hinges (Standard)	MF	4	2	each	3 fair	\$ 800	\$380	State	\$800	\$360	\$400	\$721
WRARLH	Main Float	Pile Guides (Standard)	MF	4	1	each	4 good	\$ 400	\$270	State	\$400	\$270	\$0	\$0
WRARLH	Main Float	Finger (or Stall) Floats	MF	4	4	each	3 fair	\$ 7,935	\$3,571	State	\$7,935	\$3,571	\$3,968	\$7,153
WRARLH	Main Float	Utilities - Power System (floats)	MF	4	1	each	3 fair	\$ 4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,606
WRARLH	Main Float	Piling	MF	5	1	each	4 good	\$ 2,800	\$1,890	State	\$2,800	\$1,890	\$0	\$0
WRARLH	Main Float	Float Structure (Deck)	MF	5	56	lin ft	3 fair	\$ 8,400	\$3,780	State	\$8,400	\$3,780	\$4,200	\$7,573
WRARLH	Main Float	Float Hinges (Standard)	MF	5	2	each	3 fair	\$ 800	\$360	State	\$800	\$360	\$400	\$721
WRARLH	Main Float	Pile Guides (Standard)	MF	5	1	each	4 good	\$ 400	\$270	State	\$400	\$270	\$0	\$0
WRARLH	Main Float	Finger (or Stall) Floats	MF	5	4	each	3 fair	\$ 7,935	\$3,571	State	\$7,935	\$3,571	\$3,968	\$7,153
WRARLH	Main Float	Utilities - Power System (floats)	MF	5	1	each	3 fair	\$ 4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,606
WRARLH	Main Float	Piling	MF	6	2	each	4 good	\$ 5,600	\$3,780	State	\$5,600	\$3,780	\$0	\$0
WRARLH	Main Float	Float Structure (Deck)	MF	6	66	lin ft	4 good	\$ 9,900	\$6,683	State	\$9,900	\$6,683	\$0	\$0
WRARLH	Main Float	Float Hinges (Standard)	MF	6	2	each	3 fair	\$ 800	\$360	State	\$800	\$360	\$400	\$721
WRARLH	Main Float	Pile Guides (Standard)	MF	6	2	each	3 fair	\$ 800	\$360	State	\$800	\$360	\$400	\$721
WRARLH	Main Float	Finger (or Stall) Floats	MF	6	2	each	3 fair	\$ 3,968	\$1,785	State	\$3,968	\$1,785	\$1,984	\$3,577
WRARLH	Main Float	Finger (or Stall) Floats	MF	6	2	each	4 good	\$ 5,348	\$3,610	State	\$5,348	\$3,610	\$0	\$0
WRARLH	Main Float	Utilities - Power System (floats)	MF	6	1	each	4 good	\$ 4,000	\$2,700	State	\$4,000	\$2,700	\$0	\$0
WRARLH	Main Float	Piling	MF	7	1	each	4 good	\$ 1,800	\$1,215	State	\$1,800	\$1,215	\$0	\$0
WRARLH	Main Float	Piling	MF	7	1	each	4 good	\$ 2,800	\$1,890	State	\$2,800	\$1,890	\$0	\$0
WRARLH	Main Float	Float Structure (Deck)	MF	7	69	lin ft	4 good	\$ 10,350	\$6,986	State	\$10,350	\$6,986	\$0	\$0
WRARLH	Main Float	Float Hinges (other)	MF	7	1	each	3 fair	\$ 500	\$225	State	\$500	\$225	\$250	\$451
WRARLH	Main Float	Float Hinges (Standard)	MF	7	1	each	4 good	\$ 400	\$270	State	\$400	\$270	\$0	\$0
WRARLH	Main Float	Finger (or Stall) Floats	MF	7	4	each	4 good	\$ 10,695	\$7,219	State	\$10,695	\$7,219	\$0	\$0
WRARLH	Main Float	Utilities - Power System (floats)	MF	7	1	each	3 fair	\$ 4,000	\$1,800	State	\$4,000	\$1,800	\$2,000	\$3,606
WRARLH	Main Float	Piling	MF	8	4	each	4 good	\$ 7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
WRARLH	Main Float	Float Structure (Deck)	MF	8	69	lin ft	3 fair	\$ 10,350	\$4,658	State	\$10,350	\$4,658	\$5,175	\$9,331
WRARLH	Main Float	Float Hinges (Standard)	MF	8	2	each	4 good	\$ 800	\$540	State	\$800	\$540	\$0	\$0
WRARLH	Main Float	Pile Guides (other)	MF	8	1	each	2 poor	\$ 450	\$101	State	\$450	\$101	\$450	\$811

Schedule of Costs

ID	Feature	Item	Mat	Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner State or Other	State Only			Proposed State Action
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	
WRARLH	Main Float	Pile Guides (Standard)	MF	8	1	each	4	good	\$ 400	\$270	State	\$400	\$270	\$0	\$0
WRARLH	Main Float	Finger (or Stall) Floats	MF	8	4	each	3	fair	\$ 10,695	\$4,813	State	\$10,695	\$4,813	\$5,348	\$9,842
WRARLH	Main Float	Utilities - Power System (floats)	MF	8	1	each	2	poor	\$ 4,000	\$900	State	\$4,000	\$900	\$4,000	\$7,212
WRARLH	Seaplane Float	Piling	SP		5	each	4	good	\$ 9,000	\$6,075	Other	\$0	\$0	\$0	\$0
WRARLH	Seaplane Float	Piling	SP		1	each	4	good	\$ 2,800	\$1,890	Other	\$0	\$0	\$0	\$0
WRARLH	Seaplane Float	Float Structure (Deck)	SP		160	lin ft	3	fair	\$ 160,000	\$72,000	Other	\$0	\$0	\$0	\$0
WRARLH	Seaplane Float	Pile Guides (Standard)	SP		6	each	4	good	\$ 2,400	\$1,620	Other	\$0	\$0	\$0	\$0
WRARLH	Seaplane Float	Utilities-Light Distribution System	SP		1	each	4	good	\$ 32,000	\$21,600	Other	\$0	\$0	\$0	\$0
WRARLH	Seaplane Float	Utilities - Water System (general)	SP		1	each	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRARLH	Upland Facilities	Facilities - Parking (by acre)	UF		0.14	acres	5	new	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRARLH	Upland Facilities	Disposal - Waste Oil Containers	UF		500	gal	5	new	\$ 2,500	\$2,250	Other	\$0	\$0	\$0	\$0
WRARLH	Total								\$ 1,463,775	\$752,497		\$1,248,535	\$643,773		\$816,121
WRASHB	Approach & Gangway	Decking (for fixed structures)	AG	1	100	lin ft	4	good	\$ 30,000	\$20,250	State	\$30,000	\$20,250	\$0	\$0
WRASHB	Approach & Gangway	Railing	AG	1	200	lin ft	3	fair	\$ 5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,508
WRASHB	Approach & Gangway	Abutment	AG	1	1	each	4	good	\$ 5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
WRASHB	Approach & Gangway	Piling	AG	1	8	each	4	good	\$ 24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0
WRASHB	Approach & Gangway	Support Structure	AG	1	1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB	Approach & Gangway	Gangway Deck/Skid	AG	1	1	each	3	fair	\$ 3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,705
WRASHB	Approach & Gangway	Gangway Hinge (top)	AG	1	2	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB	Approach & Gangway	Gangway Railing	AG	1	100	lin ft	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB	Approach & Gangway	Gangway Support Structure	AG	1	1	each	4	good	\$ 18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
WRASHB	Approach & Gangway	Utilities-Light Distribution System	AG	1	1	each	3	fair	\$ 7,500	\$3,375	State	\$7,500	\$3,375	\$3,750	\$6,761
WRASHB	Approach & Gangway	Decking (for fixed structures)	AG	2	100	lin ft	4	good	\$ 30,000	\$20,250	State	\$30,000	\$20,250	\$0	\$0
WRASHB	Approach & Gangway	Railing	AG	2	200	lin ft	3	fair	\$ 5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,508
WRASHB	Approach & Gangway	Abutment	AG	2	1	each	4	good	\$ 5,000	\$3,375	State	\$5,000	\$3,375	\$0	\$0
WRASHB	Approach & Gangway	Piling	AG	2	8	each	4	good	\$ 24,000	\$16,200	State	\$24,000	\$16,200	\$0	\$0
WRASHB	Approach & Gangway	Support Structure	AG	2	1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB	Approach & Gangway	Gangway Deck/Skid	AG	2	1	each	3	fair	\$ 3,000	\$1,350	State	\$3,000	\$1,350	\$1,500	\$2,705
WRASHB	Approach & Gangway	Gangway Hinge (top)	AG	2	2	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB	Approach & Gangway	Gangway Railing	AG	2	100	lin ft	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB	Approach & Gangway	Gangway Support Structure	AG	2	1	each	4	good	\$ 18,000	\$12,150	State	\$18,000	\$12,150	\$0	\$0
WRASHB	Approach & Gangway	Gangway Toe (bottom)	AG	2	1	each	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB	Approach & Gangway	Utilities-Light Distribution System	AG	2	1	each	3	fair	\$ 7,500	\$3,375	State	\$7,500	\$3,375	\$3,750	\$6,761
WRASHB	Breakwater	Rubblemound	BW		700	lin ft	4	good	\$ 2,800,000	\$1,890,000	State	\$2,800,000	\$1,890,000	\$0	\$0
WRASHB	Grid	Cross Braces	G		7	each	5	new	\$ 2,100	\$1,890	State	\$2,100	\$1,890	\$0	\$0
WRASHB	Grid	Top Beams	G		11	each	5	new	\$ 11,000	\$9,900	State	\$11,000	\$9,900	\$0	\$0
WRASHB	Grid	Bearing Piles	G		22	each	5	new	\$ 44,000	\$39,600	State	\$44,000	\$39,600	\$0	\$0
WRASHB	Grid	Breasting Piles	G		16	each	5	new	\$ 40,000	\$36,000	State	\$40,000	\$36,000	\$0	\$0
WRASHB	Gangway Float	Float Structure (Deck)	GF	1	16	lin ft	3	fair	\$ 5,040	\$2,268	State	\$5,040	\$2,268	\$2,520	\$4,544
WRASHB	Gangway Float	Float Hinges (Heavy Duty)	GF	1	2	each	4	good	\$ 1,200	\$810	State	\$1,200	\$810	\$0	\$0
WRASHB	Gangway Float	Float Structure (Deck)	GF	2	16	lin ft	3	fair	\$ 5,040	\$2,268	State	\$5,040	\$2,268	\$2,520	\$4,544

Schedule of Costs

ID	Feature	Item	Material	Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only		
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost
WRASHB	Gangway Float	Float Hinges (Heavy Duty)	GF	2	2	each	4	good	\$ 1,200	\$810	State	\$1,200	\$810	\$0
WRASHB	Launch Ramp	Piling	LR		5	each	4	good	\$ 7,500	\$5,063	State	\$7,500	\$5,063	\$0
WRASHB	Launch Ramp	Float Hinges (Standard)	LR		22	each	4	good	\$ 8,800	\$5,940	State	\$8,800	\$5,940	\$0
WRASHB	Launch Ramp	Pile Guides (Standard)	LR		5	each	4	good	\$ 2,000	\$1,350	State	\$2,000	\$1,350	\$0
WRASHB	Launch Ramp	Ramp Length	LR		208	lin ft	4	good	\$ 66,560	\$44,928	State	\$66,560	\$44,928	\$0
WRASHB	Launch Ramp	Ramp Length	LR		50	lin ft	4	good	\$ 24,000	\$16,200	State	\$24,000	\$16,200	\$0
WRASHB	Launch Ramp	Ramp Float	LR		228	each	4	good	\$ 31,188	\$21,052	State	\$31,188	\$21,052	\$0
WRASHB	Main Float	Piling	MF	1	7	each	4	good	\$ 10,500	\$7,088	State	\$10,500	\$7,088	\$0
WRASHB	Main Float	Float Structure (Deck)	MF	1	320	lin ft	3	fair	\$ 57,600	\$25,920	State	\$57,600	\$25,920	\$28,800
WRASHB	Main Float	Float Hinges (Heavy Duty)	MF	1	2	each	4	good	\$ 1,200	\$810	State	\$1,200	\$810	\$0
WRASHB	Main Float	Pile Guides (Heavy Duty)	MF	1	7	each	4	good	\$ 3,500	\$2,363	State	\$3,500	\$2,363	\$0
WRASHB	Main Float	Finger (or Stall) Floats	MF	1	26	each	3	fair	\$ 50,544	\$22,745	State	\$50,544	\$22,745	\$25,272
WRASHB	Main Float	Utilities-Light Distribution System	MF	1	1	each	3	fair	\$ 18,960	\$8,532	State	\$18,960	\$8,532	\$9,480
WRASHB	Main Float	Piling	MF	2	9	each	4	good	\$ 13,500	\$9,113	State	\$13,500	\$9,113	\$0
WRASHB	Main Float	Float Structure (Deck)	MF	2	304	lin ft	3	fair	\$ 72,960	\$32,832	State	\$72,960	\$32,832	\$36,480
WRASHB	Main Float	Float Hinges (Heavy Duty)	MF	2	2	each	4	good	\$ 1,200	\$810	State	\$1,200	\$810	\$0
WRASHB	Main Float	Pile Guides (Heavy Duty)	MF	2	9	each	4	good	\$ 4,500	\$3,038	State	\$4,500	\$3,038	\$0
WRASHB	Main Float	Finger (or Stall) Floats	MF	2	18	each	3	fair	\$ 43,740	\$19,683	State	\$43,740	\$19,683	\$21,870
WRASHB	Main Float	Utilities-Light Distribution System	MF	2	1	each	4	good	\$ 20,260	\$13,676	State	\$20,260	\$13,676	\$0
WRASHB	Main Float	Utilities - Power System (floats)	MF	2	1	each	4	good	\$ 18,000	\$12,150	State	\$18,000	\$12,150	\$0
WRASHB	Main Float	Piling	MF	3	10	each	4	good	\$ 15,000	\$10,125	State	\$15,000	\$10,125	\$0
WRASHB	Main Float	Float Structure (Deck)	MF	3	304	lin ft	3	fair	\$ 72,960	\$32,832	State	\$72,960	\$32,832	\$36,480
WRASHB	Main Float	Float Hinges (Heavy Duty)	MF	3	2	each	4	good	\$ 1,200	\$810	State	\$1,200	\$810	\$0
WRASHB	Main Float	Pile Guides (Heavy Duty)	MF	3	10	each	4	good	\$ 5,000	\$3,375	State	\$5,000	\$3,375	\$0
WRASHB	Main Float	Finger (or Stall) Floats	MF	3	18	each	3	fair	\$ 43,740	\$19,683	State	\$43,740	\$19,683	\$21,870
WRASHB	Main Float	Utilities-Light Distribution System	MF	3	1	each	4	good	\$ 20,260	\$13,676	State	\$20,260	\$13,676	\$0
WRASHB	Main Float	Utilities - Power System (floats)	MF	3	1	each	4	good	\$ 18,000	\$12,150	State	\$18,000	\$12,150	\$0
WRASHB	Main Float	Fire Protection - Extinguishers	MF	3	1	each	2	poor	\$ 500	\$113	State	\$500	\$113	\$500
WRASHB	Main Float	Piling	MF	4	24	each	4	good	\$ 36,000	\$24,300	State	\$36,000	\$24,300	\$0
WRASHB	Main Float	Float Structure (Deck)	MF	4	288	lin ft	3	fair	\$ 69,120	\$31,104	State	\$69,120	\$31,104	\$34,560
WRASHB	Main Float	Float Hinges (Heavy Duty)	MF	4	2	each	4	good	\$ 1,200	\$810	State	\$1,200	\$810	\$0
WRASHB	Main Float	Pile Guides (Standard)	MF	4	1	each	2	poor	\$ 400	\$90	State	\$400	\$90	\$400
WRASHB	Main Float	Pile Guides (Standard)	MF	4	1	each	3	fair	\$ 400	\$180	State	\$400	\$180	\$200
WRASHB	Main Float	Pile Guides (Heavy Duty)	MF	4	22	each	4	good	\$ 11,000	\$7,425	State	\$11,000	\$7,425	\$0
WRASHB	Main Float	Finger (or Stall) Floats	MF	4	3	each	2	poor	\$ 12,150	\$2,734	State	\$12,150	\$2,734	\$12,150
WRASHB	Main Float	Finger (or Stall) Floats	MF	4	11	each	3	fair	\$ 44,550	\$20,048	State	\$44,550	\$20,048	\$22,275
WRASHB	Main Float	Finger Float Hinges (Standard)	MF	4	4	each	3	fair	\$ 1,200	\$540	State	\$1,200	\$540	\$600
WRASHB	Main Float	Finger Float Hinges (Heavy Duty)	MF	4	24	each	4	good	\$ 14,400	\$9,720	State	\$14,400	\$9,720	\$0
WRASHB	Main Float	Utilities-Light Distribution System	MF	4	1	each	4	good	\$ 22,020	\$14,864	State	\$22,020	\$14,864	\$0
WRASHB	Main Float	Utilities - Power System (floats)	MF	4	1	each	4	good	\$ 14,000	\$9,450	State	\$14,000	\$9,450	\$0
WRASHB	Main Float	Fire Protection - Fire Pumps	MF	4	1	each	4	good	\$ 1,500	\$1,013	State	\$1,500	\$1,013	\$0

Schedule of Costs

ID	Feature	Item	Material	Ext	Quantity	Unit	Condition	Desc	Estimated Replacement Cost	In-Place Value	Owner "State or Other"	State Only			
												Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
WRASHB Main Float		Piling	MF	5	6	each	4	good	\$ 14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
WRASHB Main Float		Piling	MF	5	15	each	4	good	\$ 27,000	\$18,225	State	\$27,000	\$18,225	\$0	\$0
WRASHB Main Float		Float Structure (Deck)	MF	5	304	lin ft	3	fair	\$ 72,960	\$32,832	State	\$72,960	\$32,832	\$36,480	\$65,773
WRASHB Main Float		Float Hinges (Heavy Duty)	MF	5	2	each	3	fair	\$ 1,200	\$540	State	\$1,200	\$540	\$600	\$1,082
WRASHB Main Float		Pile Guides (Standard)	MF	5	4	each	3	fair	\$ 1,600	\$720	State	\$1,600	\$720	\$800	\$1,442
WRASHB Main Float		Pile Guides (Heavy Duty)	MF	5	17	each	4	good	\$ 9,500	\$5,738	State	\$8,500	\$5,738	\$0	\$0
WRASHB Main Float		Finger (or Stall) Floats	MF	5	6	each	3	fair	\$ 34,092	\$15,746	State	\$34,092	\$15,746	\$17,496	\$31,545
WRASHB Main Float		Finger (or Stall) Floats	MF	5	4	each	3	fair	\$ 40,176	\$18,079	State	\$40,176	\$18,079	\$20,088	\$36,218
WRASHB Main Float		Finger Float Hinges (Standard)	MF	5	6	each	3	fair	\$ 1,800	\$810	State	\$1,800	\$810	\$900	\$1,623
WRASHB Main Float		Finger Float Hinges (Heavy Duty)	MF	5	4	each	4	good	\$ 2,400	\$1,620	State	\$2,400	\$1,620	\$0	\$0
WRASHB Main Float		Utilities-Light Distribution System	MF	5	1	each	4	good	\$ 26,080	\$17,604	State	\$26,080	\$17,604	\$0	\$0
WRASHB Main Float		Utilities - Power System (floats)	MF	5	1	each	4	good	\$ 10,000	\$6,750	State	\$10,000	\$6,750	\$0	\$0
WRASHB Main Float		Utilities - Water System (floats)	MF	5	1	each	4	good	\$ 3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0
WRASHB Main Float		Float Structure (Deck)	MF	W	80	lin ft	5	new	\$ 64,000	\$57,600	State	\$64,000	\$57,600	\$0	\$0
WRASHB Marginal Float		Piling	MG	6	13	each	4	good	\$ 19,500	\$13,163	State	\$19,500	\$13,163	\$0	\$0
WRASHB Marginal Float		Piling	MG	6	3	each	4	good	\$ 7,200	\$4,860	State	\$7,200	\$4,860	\$0	\$0
WRASHB Marginal Float		Float Structure (Deck)	MG	6	604	lin ft	3	fair	\$ 130,484	\$58,709	State	\$130,484	\$58,709	\$65,232	\$117,613
WRASHB Marginal Float		Pile Guides (Heavy Duty)	MG	6	16	each	4	good	\$ 8,000	\$5,400	State	\$8,000	\$5,400	\$0	\$0
WRASHB Marginal Float		Finger (or Stall) Floats	MG	6	25	each	3	fair	\$ 40,500	\$18,225	State	\$40,500	\$18,225	\$20,250	\$36,511
WRASHB Marginal Float		Utilities-Light Distribution System	MG	6	1	each	4	good	\$ 31,660	\$21,371	State	\$31,660	\$21,371	\$0	\$0
WRASHB Marginal Float		Utilities - Power System (floats)	MG	6	1	each	4	good	\$ 25,000	\$16,875	State	\$25,000	\$16,875	\$0	\$0
WRASHB Marginal Float		Utilities - Water System (floats)	MG	6	1	each	3	fair	\$ 7,500	\$3,375	State	\$7,500	\$3,375	\$3,750	\$6,761
WRASHB Marginal Float		Utility System -Other(see comments)	MG	6	1	other	3	fair	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB Marginal Float		Fire Protection - Fire Pumps	MG	6	3	each	4	good	\$ 4,500	\$3,038	State	\$4,500	\$3,038	\$0	\$0
WRASHB Marginal Float		Component - Other (see comments)	MG	6	2	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Facilities - Restrooms	UF		0	each	1	failed	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Facilities - Parking (by acre)	UF		2.4	acres	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Facilities - Other (see comments)	UF		1	other	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Utilities-Light Distribution System	UF		1	each	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Utility System -Other(see comments)	UF		1	other	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Disposal - Waste Oil Containers	UF		250	gal	4	good	\$ 1,250	\$844	Other	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Disposal - Solid Waste Containers	UF		0	cu ft	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRASHB Upland Facilities		Fire - Hydrant System (general)	UF		1	each	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0
WRASHB Total									\$ 4,539,374	\$2,903,642		\$4,538,124	\$2,902,798		\$788,043
WRASOF Approach & Gangway		Decking (for fixed structures)	AG		158	lin ft	4	good	\$ 18,720	\$12,636	State	\$18,720	\$12,636	\$0	\$0
WRASOF Approach & Gangway		Railing	AG		312	lin ft	3	fair	\$ 7,600	\$3,510	State	\$7,600	\$3,510	\$3,900	\$7,032
WRASOF Approach & Gangway		Abutment	AG		1	each	3	fair	\$ 5,000	\$2,250	State	\$5,000	\$2,250	\$2,500	\$4,508
WRASOF Approach & Gangway		Piling	AG		18	each	4	good	\$ 43,200	\$20,160	State	\$43,200	\$20,160	\$0	\$0
WRASOF Approach & Gangway		Cross Braces	AG		22	each	4	good	\$ 4,400	\$2,970	State	\$4,400	\$2,970	\$0	\$0
WRASOF Approach & Gangway		Support Structure	AG		1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASOF Approach & Gangway		Gangway Deck/Skld	AG		1	each	4	good	\$ 3,000	\$2,025	State	\$3,000	\$2,025	\$0	\$0

Schedule of Costs

											Owner	State Only			
ID	Feature	Item		at Ex t	Quant lty	Unlt	Con dltio n	Desc	Estimated Replacement Cost	In-Place Value	"State or Other"	Estimated Replacement Value	In-Place Value	Maintenance and Repair Cost	Proposed State Action
V/RASOF	Approach & Gangway	Gangway Railing	AG		100	lin ft	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASOF	Moorage Basin	Component - Other (see comments)	MB		337	each	2	poor	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASOF	Main Float	Piling	MF	1	3	each	4	good	\$ 5,400	\$3,645	State	\$5,400	\$3,645	\$0	\$0
WRASOF	Main Float	Float Structure (Deck)	MF	1	87	lin ft	3	fair	\$ 21,750	\$9,788	State	\$21,750	\$9,788	\$10,875	\$19,608
WRASOF	Main Float	Float Hinges (Standard)	MF	1	2	each	3	fair	\$ 800	\$360	State	\$800	\$360	\$400	\$721
WRASOF	Main Float	Pile Guides (Standard)	MF	1	3	each	3	fair	\$ 1,200	\$540	State	\$1,200	\$540	\$600	\$1,082
WRASOF	Main Float	Finger (or Stall) Floats	MF	1	4	each	3	fair	\$ 4,301	\$1,935	State	\$4,301	\$1,935	\$2,151	\$3,877
WRASOF	Main Float	Finger (or Stall) Floats	MF	1	5	each	3	fair	\$ 6,325	\$2,846	State	\$6,325	\$2,846	\$3,163	\$5,702
WRASOF	Main Float	Utilities-Light Distribution System	MF	1	1	each	4	good	\$ 6,660	\$4,496	State	\$6,660	\$4,496	\$0	\$0
WRASOF	Main Float	Utilities - Power System (floats)	MF	1	1	each	4	good	\$ 9,000	\$6,075	State	\$9,000	\$6,075	\$0	\$0
WRASOF	Main Float	Utilities - Water System (floats)	MF	1	1	each	4	good	\$ 2,700	\$1,823	State	\$2,700	\$1,823	\$0	\$0
WRASOF	Main Float	Piling	MF	2	8	each	4	good	\$ 14,400	\$9,720	State	\$14,400	\$9,720	\$0	\$0
WRASOF	Main Float	Float Structure (Deck)	MF	2	337	lin ft	3	fair	\$ 84,250	\$37,913	State	\$84,250	\$37,913	\$42,125	\$75,951
WRASOF	Main Float	Pile Guides (Standard)	MF	2	8	each	3	fair	\$ 3,200	\$1,440	State	\$3,200	\$1,440	\$1,600	\$2,885
WRASOF	Main Float	Utilities-Light Distribution System	MF	2	1	each	4	good	\$ 16,850	\$11,374	State	\$16,850	\$11,374	\$0	\$0
WRASOF	Main Float	Utilities - Power System (floats)	MF	2	1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASOF	Main Float	Utilities - Water System (floats)	MF	2	1	each	4	good	\$ -	\$0	State	\$0	\$0	\$0	\$0
WRASOF	Main Float	Fire Protection - Extinguishers	MF	2	1	each	4	good	\$ 500	\$338	Other	\$0	\$0	\$0	\$0
WRASOF	Main Float	Component - Other (see comments)	MF	2	1	each	4	good	\$ -	\$0	Other	\$0	\$0	\$0	\$0

**SENATE COMMITTEE REPORT
First Committee of Referral**

DATE: 2/21/01

FURTHER: Finance

Date of 5-Day Notice: 3/14
(in accordance with Uniform Rule 23)

DATE TURNED
IN TO OFFICE: 3/27/01

Transportation Committee considered SENATE BILL NO. 111

"An Act relating to financing facilities for municipal ports and harbors; and providing for an effective date."

and recommends:

☒ be replaced with _____ CS SB 111 (TRIL)

☐ adopt previous _____ CS _____ (_____)

☐ attached amendment(s)

☐ adopt Letter of Intent by _____ Committee

☐ further referral to _____ Committee

Senate Bill:

☐ same title

☒ new title

House Bill:

☐ same title

☐ technical title

☐ new: SCR # _____

NEW FISCAL NOTE(S):

Department	Date	Fiscal	Zero	FN#
DOR	3/14/01		<u>0</u>	1

PREVIOUS FISCAL NOTE(S):

Department	Date	Fiscal	Zero	FN#

☐ APPROPRIATION - no fiscal note

SIGNATURES AND RECOMMENDATIONS:	DO PASS	DO NO PASS	NO REC	AMEND
<u>Adrian D. Taylor</u>	☒			
<u>K. S. S.</u>	☒			
CHAIR: <u>John J. Guedes</u>	☒			

SB 111-BONDS TO FUND PORTS AND HARBORS
SENATE FINANCE COMMITTEE

SIGN-IN

NAME: Budd Simpson Subject/Bill No: SB 111
Co./Dept./Title: Juneau Docks & Harbors Board Phone: 586-1400
Address: One Sealaska Plaza Ste 300 Zip: 99801
Do you wish to testify? ☒ Yes ☐ No ☒ Respond To Questions

NAME: LOREN BERNARD Subject/Bill No: _____
Co./Dept./Title: SOUTHEAST CONFERENCE Phone: 463 3445
Address: Box 21589 JAN Zip: 99802
Do you wish to testify? ☒ Yes ☐ No ☒ Respond To Questions

NAME: Paul Pierce Subject/Bill No: SB 111
Co./Dept./Title: OMB Phone: 465-4677
Address: _____ Zip: _____
Do you wish to testify? ☐ Yes ☐ No ☒ Respond To Questions

NAME: Deven Mitchell Subject/Bill No: SB 111
Co./Dept./Title: Revenue Phone: _____
Address: _____ Zip: _____
Do you wish to testify? ☐ Yes ☐ No ☒ Respond To Questions

SITE: PETERSBURG LIO

SUBJECT OF MEETING: SB111

COMMITTEE: SFIN

UPDATE #: 2

DATE: 03/26/02



PLEASE SIGN IN

DO YOU WANT

PRINT YOUR NAME

ADDRESS (MAILING & ZIP)

REPRESENTING TO TESTIFY?
Y or N

✓ Paul Anderson

Email address:

Mayor

Yes

Pro Tem

SB111

✓ Dan Hickman

Email address:

Harbor

Yes

Board

SB111

Email address:

Email address:

Email address:

Email address:

SITE: WRANGELL LIO

COMMITTEE: SFIN

DATE: 03-26-02

SUBJECT OF MEETING:

SB111

UPDATE #:

PLEASE SIGN IN

DO YOU WANT

P R I N T YOUR NAME

ADDRESS (MAILING & ZIP)

REPRESENTING

TO TESTIFY?

Y or N

Greg Meissner

**Box 1523 Wrangell, AK
99929**

**Wrangell
Harbors**

Y

Email address:

harbor@wrangell.com

James Stough

**Box 1342 Wrangell, AK
99929**

**Council
Member**

Y

Email address:

Email address:

Email address:

Email address:

Email address:

DATE:

SUBJECT OF MEETING:

UPDATE #:

SB111



PLEASE SIGN IN

PLEASE PRINT:

NAME _____

ADDRESS (MAILING & ZIP)

REPRESENTING

DO YOU WANT
TO TESTIFY?
Y or N

Gov. Bill Sheffield

343-6201

[illegible]