

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Petersburg****Federal Tax ID: 92-6000142****Project Title:****Project Type: New Construction and Land Acquisition****Petersburg - Commercial Dock Drive Down Facility****State Funding Requested: \$5,600,000****House District: 2 / A**

Future Funding May Be Requested

Brief Project Description:

Demolition of an existing timber fuel trestle; construction of a rock bulkhead to house structural backfill; staging and parking areas; approach dock; heavy duty vehicle transfer bridge; and vehicle accessible float.

Funding Plan:

Total Project Cost:	\$7,800,000
Funding Already Secured:	(\$2,200,000)
FY2013 State Funding Request:	<u>(\$5,600,000)</u>
Project Deficit:	\$0

Funding Details:

Total estimated expenses for all 3 phases of the project: \$16,573,000

Funding already secured for phases 1 & 2 comes from the balance of funds remaining from the 2010 & 2011 legislative appropriations.

Prior to FY2010, the estimated project cost for all three phases exceeded 19 million dollars. Preliminary design and scale-back of original project has brought expected cost down to the current \$16,573,000.

Detailed Project Description and Justification:

Funding for construction and improvements to Petersburg Drive Down Facility. Project includes demolition of an existing timber fuel trestle; construction of a rock bulkhead to house structural backfill; staging and parking areas; approach dock; heavy duty vehicle transfer bridge; and installation of vehicle-accessible float.

Petersburg is homeport to one of Alaska's most productive commercial fishing fleets and becoming an increasingly popular destination for cruise ships and recreational marine vessels. The infrastructure necessary to support these vessels is severely limited. If public financing is not provided to keep moving forward with plans for modern dock infrastructure, tourism industry and boat owners may relocate to other locations where marine service infrastructure is superior.

The objective is to provide dock infrastructure in Petersburg equivalent to that available elsewhere in Southeast Alaska. This project will ensure that Petersburg can provide modern and functional facilities for its existing and future commercial and recreational maritime industries.

State funding will allow for final project construction (for phases I & II). Funds will be used for engineering, investigation, permitting, surveys, bidding, contract management and construction.

This project is consistent with concept plans presented in the 1995 Petersburg Harbor Facilities Plan and the 2011 Drive Down Facility Development Plan. This dock would be located in Wrangell Narrows behind the Community Cold Storage Facility in an area where a Marine Fueling Dock previously existed.

Project Timeline:

Preliminary Engineering Plans and Permitting - in process (2011 - 2012); Final Engineering Plans and Specifications (2012); Construction (2013)

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Petersburg

Grant Recipient Contact Information:

Name: Stephen Giesbrecht
Title: City Manager
Address: 12 S. Nordic, P.O. Box 329
Petersburg, Alaska 99833
Phone Number: (907)772-4519
Email: steveg@ci.petersburg.ak.us

Has this project been through a public review process at the local level and is it a community priority? Yes No

For use by Co-chair Staff Only:

3:18 PM 5/2/2012

DRIVE DOWN FACILITY - OPTION NO.5
Preliminary Budget - September 9, 2011
PND Engineers, Inc.
Project No. 092072.01

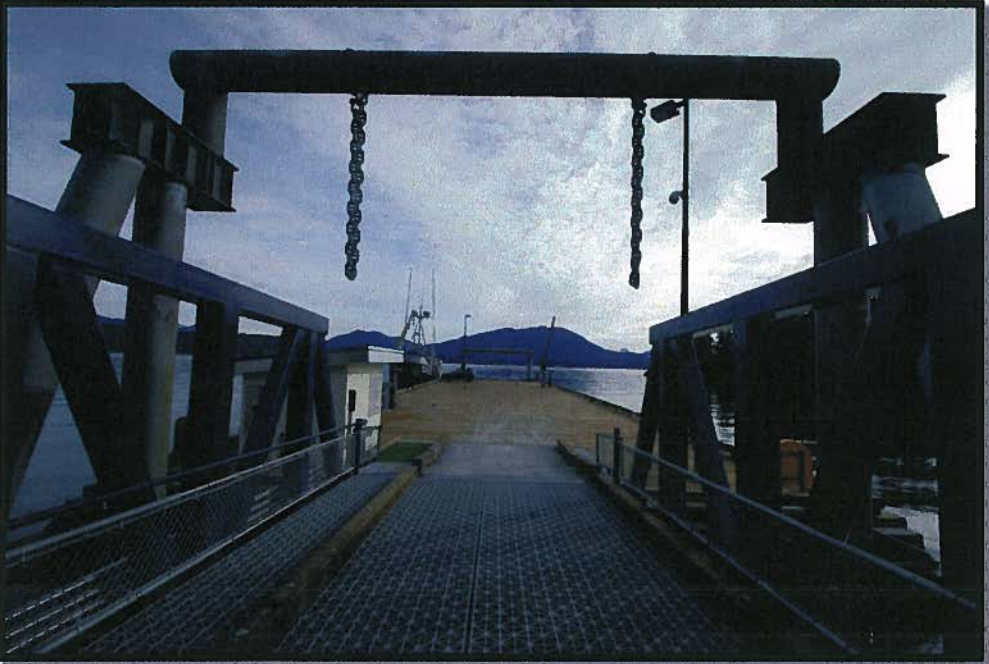
Item	Item Description	Units	Quantity	Unit Cost	Amount	Item Total	Phase			Item Total	
							1	2	3		
General Contract Requirements											
1	Mobilization/Demobilization	LS	All Req'd	8%	\$95,200						
2	Construction Survey/Measurement	LS	All Req'd		\$60,000	\$124,400	\$489,600	\$341,200	\$1,015,200		
Dock Demolition and Sealing Area Fill											
3	Demolish Fuel Dock & Float	LS	All Req'd		\$300,000	\$300,000					
4	Shot Rock Classified Fill	CY	45,000	\$15	\$675,000	\$675,000					
5	Armor Rock Slope Protection	CY	5,000	\$30	\$150,000	\$150,000					
6	Geotextile Fabric	SY	4,000	\$5	\$20,000	\$20,000					
7	Crushed Aggregate Leveling Course	CY	1,000	\$50	\$50,000	\$50,000					
8	Water Service and Fire Hydrants	LS	All Req'd		\$75,000	\$75,000					
9	Drainage Improvements	LS	All Req'd		\$60,000	\$60,000					
10	Signage	LS	All Req'd		\$5,000	\$5,000					
11	Power & Lighting in Uplands	LS	All Req'd		\$200,000	\$200,000					
Approach Dock, Transfer Bridge & Drive Down Float											
12	Approach Dock	SE	5,400	\$250	\$1,350,000		\$1,350,000				
13	H 20 Transfer Bridge 17' x 140'	LS	All Req'd		\$750,000	\$750,000					
14	Bridge Support Float	LS	All Req'd		\$150,000	\$150,000					
15	Bridge Abutment	LS	All Req'd		\$100,000	\$100,000					
16	Drive Down Float, 64x180 w/ 16x60 Transition	SE	12,480	\$250	\$3,120,000		\$3,120,000				
17	DDF Float Mooring Piles	EA	16	\$20,000	\$320,000		\$320,000				
18	Float Mooring Pile Frames	LS	All Req'd		\$150,000	\$150,000					
19	Hydraulic Crane Base	EA	1	\$10,000	\$10,000		\$10,000				
20	Power & Lighting on Dock & Drive Down Float	LS	All Req'd		\$150,000	\$150,000					
Sheet Pile Bulkhead & Loading Cranes											
21	Shot Rock Classified Fill	CY	8,000	\$15	\$120,000			\$120,000			
22	Crushed Aggregate Leveling Course	CY	400	\$50	\$20,000			\$20,000			
23	Dredge Dock face to -16' MLTW	CY	5,000	\$30	\$150,000			\$150,000			
24	Sheet Pile Bulkhead	TON	1,000	\$3,000	\$3,000,000			\$3,000,000			
25	Concrete Dock Apron	CY	300	\$1,500	\$450,000			\$450,000			
26	Fender Piles	EA	30	\$8,000	\$240,000			\$240,000			
27	Safety Ladders	EA	6	\$2,500	\$15,000			\$15,000			
28	Signage	LS	All Req'd		\$10,000	\$10,000					
29	Bulkheads	LF	400	\$100	\$40,000			\$40,000			
30	Hydraulic Crane on Bulkhead	EA	2	\$100,000	\$200,000			\$200,000			
ESTIMATED CONSTRUCTION BID PRICE							\$12,895,200	\$12,895,200	\$4,245,000	\$4,245,000	
CONTINGENCY (10%)							\$1,289,520	\$1,289,520		\$1,289,520	
SURVEY & GEOTECHNICAL INVESTIGATION							\$125,000	\$125,000		\$125,000	
ENVIRONMENTAL PERMITS							\$100,000	\$100,000		\$100,000	
COMPENSATORY MITIGATION							\$100,000	\$100,000		\$100,000	
FINAL ENGINEERING DESIGN & BID READY CONTRACT DOCUMENTS (8%)							\$1,031,616	\$1,031,616		\$1,031,616	
CONTRACT ADMIN. & CONSTRUCTION INSPECTION (8%)							\$1,031,616	\$1,031,616		\$1,031,616	
TOTAL ESTIMATED PROJECT BUDGET							\$16,572,952	\$16,572,952	\$2,969,812	\$7,799,328	\$5,803,812

NOTE: This budget has been prepared prior to final engineering design. It should be regarded as preliminary in nature and subject to change as the final scope of improvements is determined by the City and the site conditions are investigated.

Juneau Drive Down Dock

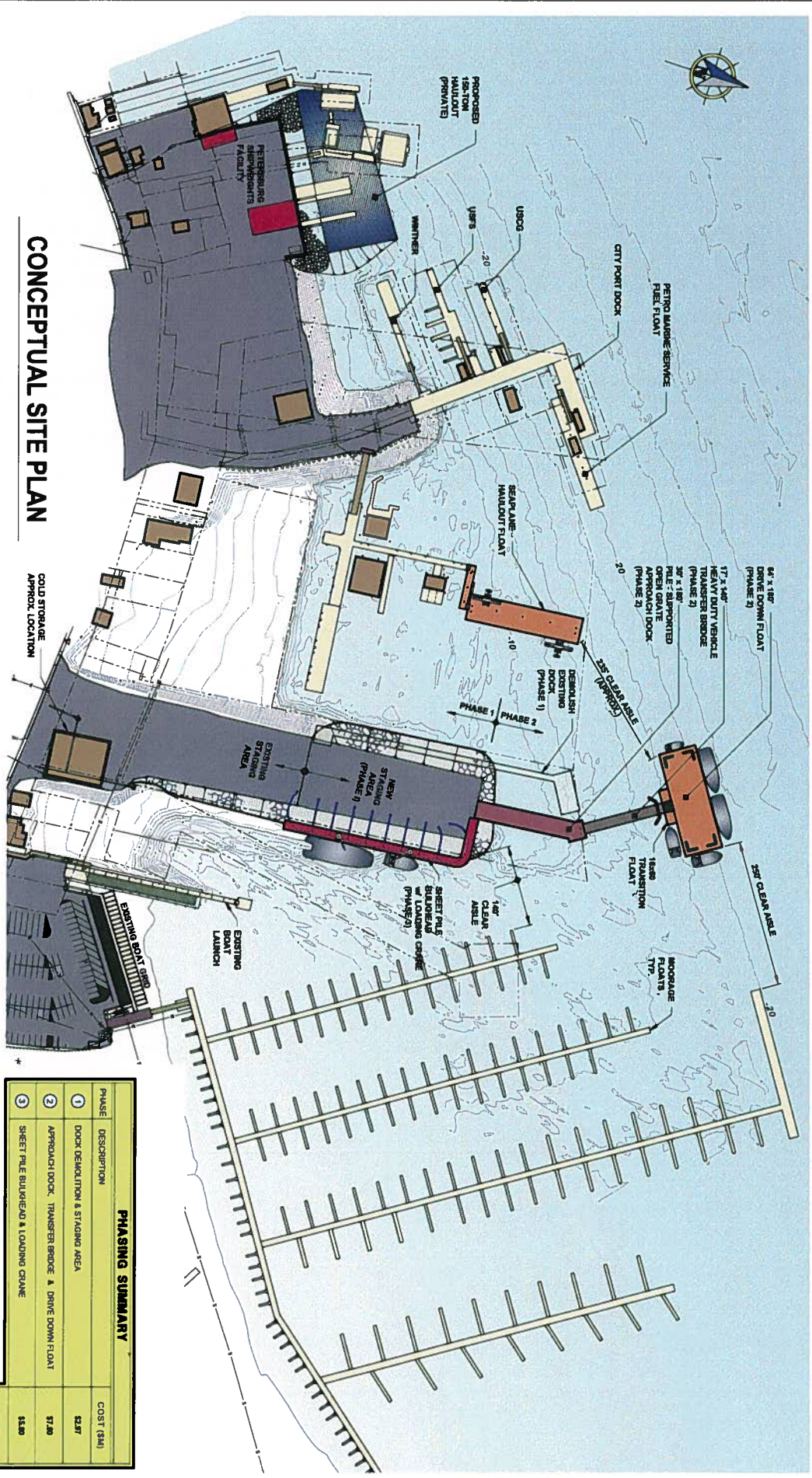


Juneau Drive Down Dock



Juneau Drive Down Dock





CONCEPTUAL SITE PLAN

PHASING SUMMARY		
PHASE	DESCRIPTION	COST (\$M)
1	DOCK DEMOLITION & STAGING AREA	\$2.87
2	APPROACH DOCK, TRANSFER BRIDGE & DRIVE DOWN FLOAT	\$7.20
3	SHEET PILE SURROUND & LOADING CRANE	\$5.80
		\$16.87

PRELIMINARY

DRIVE DOWN FACILITY DEVELOPMENT PLAN

REV	DATE	DESCRIPTION	DWN	CKD	APP

ENGINEERS, INC.

5940 Chautau Highway, Ste. 100
 Jubilee, Alaska 99801
 Phone: 907-586-2099
 Fax: 907-586-2095
 www.godgettinc.com

DESIGN: CNS CHECK: CNS SCALE: SCALE IN FEET
 DRAWN: PJD APPROVED: CNS 0" = 80' 180 FT.



CONCEPT NO. 5 SITE PLAN

DRIVE DOWN FACILITY DEVELOPMENT PLAN

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