

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

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 1	Phase 2	Phase 3	Item Total
General Contract Requirements										
1	Mobilization/Demobilization	LS	All Req'd	8%	\$955,200		\$124,400	\$489,600	\$341,200	
2	Construction Survey Measurement	LS	All Req'd		\$40,000		\$20,000	\$20,000	\$20,000	\$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			\$1,535,000
Approach Dock, Transfer Bridge & Drive Down Float										
12	Approach Dock	SF	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	SF	12,480	\$250	\$3,120,000		\$3,120,000			
17	DDF Float Mooring Piles	EA	16	\$320,000	\$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			\$6,100,000
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' MLW	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							\$1,679,400	\$6,609,600	\$4,606,200	\$12,895,200
CONTINGENCY (10%)							\$1,289,520	\$1,289,520		\$1,289,520
SURVEY & GEOTECHNICAL INVESTIGATION							\$125,000	\$660,960	\$460,620	\$1,289,520
ENVIRONMENTAL PERMITS							\$100,000	\$0	\$0	\$100,000
COMPENSATORY MITIGATION							\$100,000	\$0	\$0	\$100,000
FINAL ENGINEERING DESIGN & BID READY CONTRACT DOCUMENTS (8%)							\$1,031,616	\$0	\$368,496	\$1,400,112
CONTRACT ADMIN. & CONSTRUCTION INSPECTION (8%)							\$1,031,616	\$528,768	\$368,496	\$1,928,880
TOTAL ESTIMATED PROJECT BUDGET							\$16,572,952	\$7,799,328	\$5,803,812	\$16,572,952

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

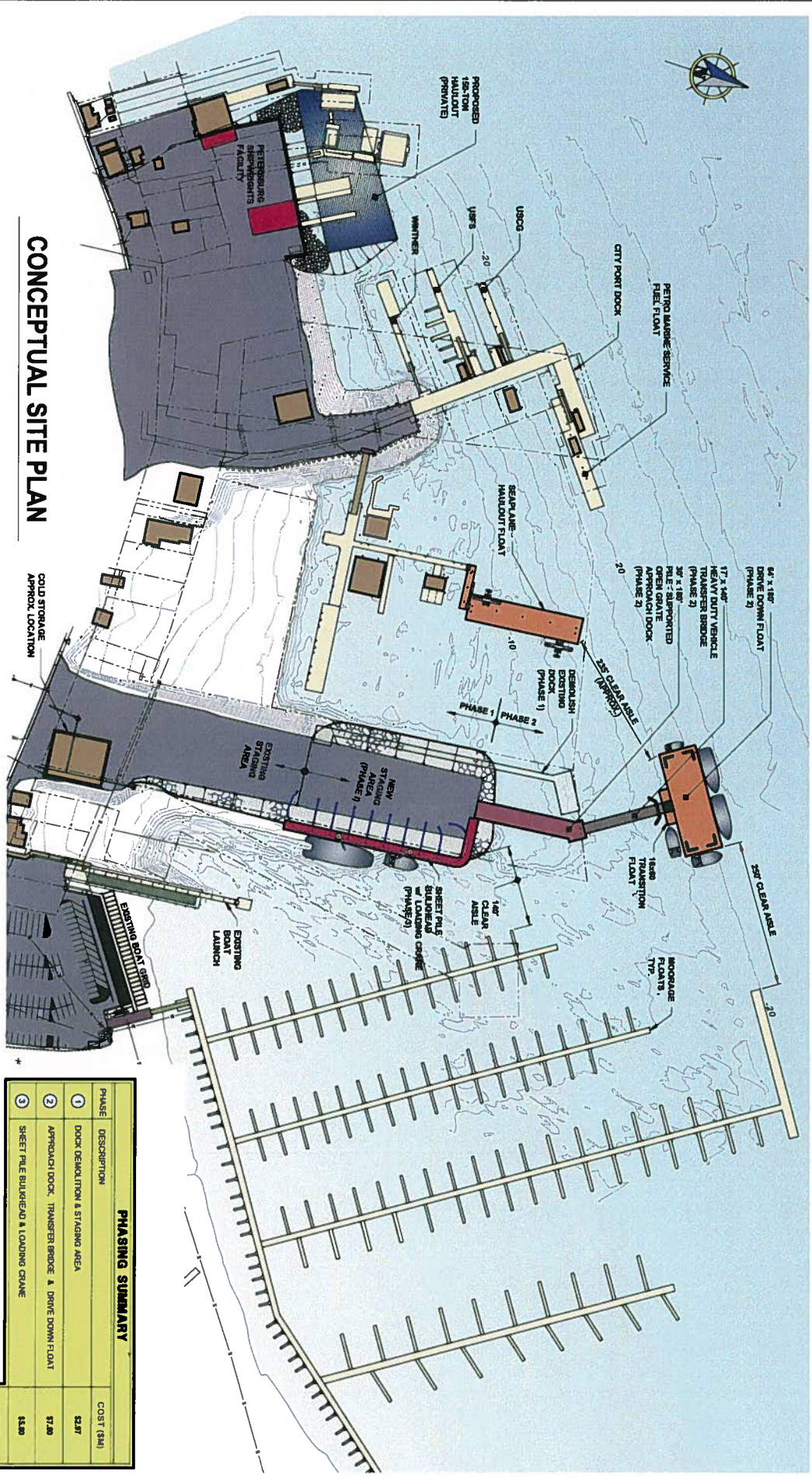


Juneau Drive Down Dock



Juneau Drive Down Dock





CONCEPTUAL SITE PLAN

REVISIONS				
REV.	DATE	DESCRIPTION	DWN.	APP.

PND ENGINEERS, INC.

5940 Chasler Highway, Ste. 100
 Jacksonville, Florida 32217
 Phone: 904-386-2099
 Fax: 904-386-2095
 www.pndengineers.com

DESIGN: CDS
 CHECK: CDS
 DRAWN: PJD
 APPROVED: CDS

SCALE: 1" = 160 FT.

DATE: 10/18/11

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 License No. 101811

DRIVE DOWN FACILITY DEVELOPMENT PLAN

CONCEPT NO. 5 SITE PLAN

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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 BULKHEAD & LOADING CRANE	\$1.50
		\$11.57

PRELIMINARY