

PORT OF ANCHORAGE
CAPITAL IMPROVEMENT PROGRAM
1975-1980

The Port's 1975 - 1980 Capital Improvement Program is basically a continuation of the three-phase project outlined by the firm of Tippetts-Abbett-McCarthy-Stratton in their Waterfront Development Study prepared in 1970.

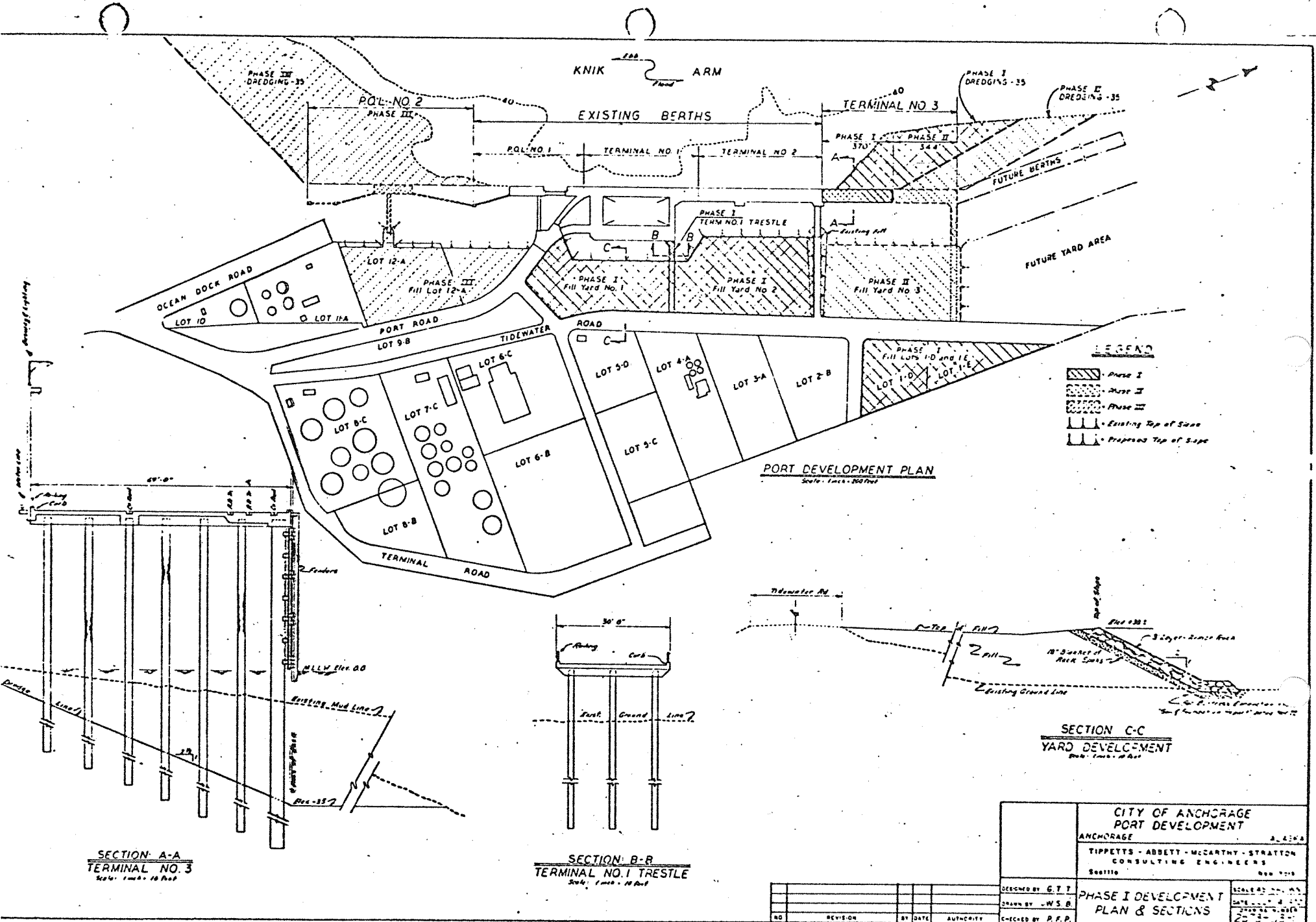
Six million dollar Phase I, consisting of yard improvements, construction of one-half of a third general cargo terminal and dredging for that terminal, commenced in 1973 and is expected to be completed in the fall of 1974.

The present shortages of materials for actual dock construction are anticipated to continue to exist during the periods for which this Capital Improvement Program is projected. To protect the vital time schedules for construction of the remaining two phases of this project, the staff is recommending and urging adoption of an accelerated design and contracting award schedule. We would propose that the design work for Phases II and III be accomplished by early fall 1974 and 1975 respectively, so as to allow invitation to bids and award of bid during the calendar year prior to which actual construction will be undertaken. This procedure will not significantly affect actual job cash flow requirements for the time schedule projected (1975-1976), but will require that actual project funding be accomplished late in the preceding calendar period, i.e., November, 1974,

November, 1975. Following this recommended procedure the engineering design costs for the second half of Terminal No. 3 in the amount of \$285,000 have been noted separately and it is recommended State impact funds be allocated for this purpose. Likewise, the engineering design and contracting phase for the construction of the second petroleum terminal in the amount of \$370,600 are included in 1975 costs, for the work anticipated to be accomplished in 1976.

In view of recent spiraling costs, new estimates have been obtained from the Port's Consulting Engineers. The three-phase program was estimated in 1970 to cost \$11,000,000. By 1973, the total had appreciated to \$16,000,000 and recently revised figures estimate the cost for the remaining Phases II and III only will be over \$14,000,000.

No new projects have been included in the program at this time as it was felt the utmost priority should be extended toward the completion of the vital, uncompleted projects presently programmed.



SECTION A-A
TERMINAL NO. 3
 Scale: 1 inch = 10 Feet

SECTION B-B
TERMINAL NO. 1 TRESTLE
 Scale: 1 inch = 10 Feet

SECTION C-C
YARD DEVELOPMENT
 Scale: 1 inch = 10 Feet

NO.	REVISION	BY	DATE	AUTHORITY	CHECKED BY

CITY OF ANCHORAGE	
PORT DEVELOPMENT	
ANCHORAGE	A-450-A
TIPPETTS - ABBETT - MCCARTHY - STRATTON CONSULTING ENGINEERS	
Seattle	NOV 1958
DESIGNED BY G.T.T.	PHASE I DEVELOPMENT PLAN & SECTIONS
DRAWN BY W.S.B.	
CHECKED BY P.F.P.	
SCALE: 1 inch = 10 Feet	DATE: 11-1-58
	20 53-13-58

WATERBORNE COMMERCE
PORT OF ANCHORAGE (short tons)

<u>Year</u>	<u>General Cargo</u>	<u>Bulk Petroleum</u>	<u>Total</u>
1962	45,464	51,999	97,463
1964	159,590	669,000	828,590
1966	266,982	839,503	1,106,485
1968	290,745	902,634	1,193,379
1970	516,649	1,320,960	1,837,609
1971	398,296*	1,440,802	1,839,098
1972	483,941*	1,501,184	1,985,125
1973	504,344	1,507,994	2,012,338
1985 (est)	1,650,000	4,500,000	6,150,000

* The decrease in general cargo tonnage in 1971 was due to a Pacific Coast longshoremen's strike of three months duration, and 1972 general cargo tonnage was also adversely affected by 67 strike affected days.

SUMMARY OF INDIVIDUAL CAPITAL IMPROVEMENT PROGRAM PROPOSALS

1975-1980 CAPITAL IMPROVEMENT PROGRAM

(1) Department Port

(2) Division _____

Prior Yr. No (3)	Name of Project (4)	Year in Which Funding is Requested					
		1975 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)
75	1 Dredge north half of Terminal No. 3	581,200					
75	1 Construct north half Terminal No. 3 and shore trestle	4,313,800	(Includes \$285,000 required in 1974 for accelerated engineering, design and award of contract)				
75	1 Extend Tidewater Road to trestle #3	74,900					
75	1 Yard #3 Development	970,800					
75	1 Engineering, design & award of contracts for dredging & construction POL Terminal #2	370,600					
76	1 Dredging for POL Terminal No. 2		2,507,900				
76	1 Construct POL Terminal		3,512,100				
76	1 Lot 12 Development		495,000				
76	2 Drainage structure, military parcel		120,500				
	Legal & Admin. costs	20,000	20,000				
	Contingencies	565,570	663,500				
(11) STATE FUNDS		285,000	3,500,000				
FEDERAL FUNDS		3,214,870					
BOND FUNDS AUTHORIZED		3,397,000					
BOND FUNDS NOT AUTHORIZED			3,819,000				
CONTRIBUTIONS							
DEPRECIATION							
OTHER							
(12) TOTAL - FUNDING REQUIRED		6,896,870	7,319,000				

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title			(3) Priority Number	
					Construct No. Half Terminal No. 3			75-1	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL		Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
					1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
Estimated Cost by Source of Funds									
Code	Fund	Title							
		Impact Funds '74		285,000					
		EDA Grant		2,014,400					
		G.O. BONDS		2,014,400					
		TOTAL		4,313,800					
(18) Gross Floor Area _____ Sq.Ft.		(19) Building Cost Per Sq.Ft. \$ _____		(20) Project Status Code <u>PE,SB</u>					
(21) Architectural and Engineering Fees: <u>285,000</u>		(22) Percent of Building Cost <u>7</u> %		(23) Estimated Start Date <u>1974</u>		(24) Estimated Completion Date <u>1975</u>			
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected		First Year							
		Full Year							
		Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
Project recommended in TAMS Waterfront Development Study dated October, 1970.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division			(2) Project Title				(3) Priority Number
				Dredge North Half Terminal No. 3				75-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
				1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
	581,200	-	581,200					
Estimated Cost by Source of Funds								
Code	Fund	Title						
		EDA Grant	209,600	209,600				
		G.O. Bonds	209,600	209,600				
		TOTAL	581,200	581,200				
(18) Gross Floor Area _____ Sq.Ft. (19) Building Cost Per Sq.Ft. \$ _____ (20) Project Status Code <u>PE;SB;SS;LA</u> (21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost _____ % (23) Estimated Start Date 1975 (24) Estimated Completion Date 1975								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
	Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size) Project recommended in TAMS Waterfront Development Study dated October, 1970.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division			(2) Project Title				(3) Priority Number
				Extend Tidewater Road to Trestle #3				75-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
				1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
	74,900		74,900					
Estimated Cost by Source of Funds								
Code	Fund	Title						
	EDA Grant		37,450	37,450				
	G.O. Bonds		37,450	37,450				
	TOTAL		74,900	74,900				
(18) Gross Floor Area _____ Sq.Ft. (19) Building Cost Per Sq.Ft. \$ _____ (20) Project Status Code <u>SS,LA</u> (21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost <u>4</u> % (23) Estimated Start Date <u>1975</u> (24) Estimated Completion Date <u>1975</u>								
(25) Effect on Budget	Years	man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
	Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size) Extension of Tidewater Road to the trestle from the north end of Terminal No. 3 is necessary to a traffic pattern that will enable both Terminal No. 2 and Terminal No. 3 to handle cargo simultaneously.								

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
					Yard No. 3 Development				75-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL		Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
					1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
		970,800		970,800					
Estimated Cost by Source of Funds									
Code	Fund Title								
	EDA Grant	485,400		485,400					
	G.O. Bonds	485,400		485,400					
	TOTAL	970,800		970,800					
(18) Gross Floor Area _____ Sq.Ft.		(19) Building Cost Per Sq.Ft. \$ _____		(20) Project Status Code <u>PE, SB</u>					
(21) Architectural and Engineering Fees: _____		(22) Percent of Building Cost _____ %		<u>SS, LA</u>					
(23) Estimated Start Date 1975		(24) Estimated Completion Date 1975							
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected		First Year							
		Full Year							
		Year							
<p>(26) Project Description and Justification (Continue on Additional Sheets, same size)</p> <p style="margin-left: 40px;">Project recommended in TAMS Waterfront Development Study dated October, 1970.</p>									

CAPITAL PROJECT ESTIMATE	(1) Department and Division			(2) Project Title				(3) Priority Number
				Engineering, design & award of contracts for dredging & const. POL Term. No. 2				75-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
	Estimated Requirements							
	370,600		370,600					
Estimated Cost by Source of Funds								
Code	Fund Title							
	EDA Grant	185,300		185,300				
	G.O. Bonds	185,300		185,300				
	TOTAL	370,600		370,600				
(18) Gross Floor Area _____ Sq.Ft. (19) Building Cost Per Sq.Ft. \$ _____ (20) Project Status Code <u>PE'SB,</u> (21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost _____ % <u>SS,LA</u> (23) Estimated Start Date <u>1975</u> (24) Estimated Completion Date <u>1975</u>								
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues	
List Program(s) Affected		First Year						
		Full Year						
		Year						
(26) Project Description and Justification (Continue on Additional Sheets, same size) <p style="text-align: center;">Project recommended in TAMS Waterfront Development Study dated October, 1970</p>								

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title			(3) Priority Number	
					Dredging for POL Terminal #2			76-1	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL		Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
					1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
		2,507,900			2,507,900				
Estimated Cost by Source of Funds									
Code	Fund	Title							
		State Bonds	1,436,200		1,436,200				
		G.O. Bonds	1,071,700		1,071,700				
		TOTAL	2,507,900		2,507,900				
(18) Gross Floor Area _____ Sq.Ft.		(19) Building Cost Per Sq.Ft. \$ _____		(20) Project Status Code <u>PE, SB,</u>					
(21) Architectural and Engineering Fees: <u>154,200</u>		(22) Percent of Building Cost <u>6.15</u> %		<u>SS, LA</u>					
(23) Estimated Start Date <u>5/1/76</u>		(24) Estimated Completion Date <u>10/15/76</u>							
(25) Effect on Budget		Years	man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected		First Year							
		Full Year							
<p>(26) Project Description and Justification (Continue on Additional Sheets, same size)</p> <p style="text-align: center;">Project recommended in TAMS Waterfront Development Study dated October, 1970</p>									

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title			(3) Priority Number	
					Construct POL Terminal #2			76-1	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL		Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
					1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
		3,512,100			3,512,100				
Estimated Cost by Source of Funds									
Code	Fund	Title							
	State Bonds		1,756,050		1,756,050				
	G.O. Bonds		1,756,050		1,756,050				
	TOTAL		3,512,100		3,512,100				
(18) Gross Floor Area _____ Sq.Ft. (19) Building Cost Per Sq.Ft. \$ _____ (20) Project Status Code <u>PE,SB,SS,LA</u> (21) Architectural and Engineering Fees: <u>216,000</u> (22) Percent of Building Cost <u>6.15</u> % (23) Estimated Start Date <u>1976</u> (24) Estimated Completion Date <u>1976</u>									
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues	
List Program(s) Affected		First Year							
		Full Year							
		Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
Project recommended in TAMS Waterfront Development Study dated October, 1970.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division			(2) Project Title				(3) Priority Number
				Lot 12 Development				76-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
				1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
	495,000			495,000				
	495,000			495,000				
Estimated Cost by Source of Funds								
Code	Fund	Title						
		State Bonds	247,500		247,500			
		G.O. Bonds	347,500		247,500			
		TOTAL	495,000		495,000			
(18) Gross Floor Area _____ Sq.Ft. (19) Building Cost Per Sq.Ft. \$ _____ (20) Project Status Code <u>PE, SB,</u> (21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost _____ % <u>SS, LA</u> (23) Estimated Start Date <u>5/15/76</u> (24) Estimated Completion Date <u>11/1/76</u>								
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues	
List Program(s) Affected		First Year						
		Full Year						
		Year						
(26) Project Description and Justification (Continue on Additional Sheets, same size) <p style="text-align:center;">Project recommended in TAMS Waterfront Development Study dated October, 1970.</p>								

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title			(3) Priority Number	
					Drainage Structure - Military Parcel			76-2	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL		Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation 1975 (6)	Estimated Requirements				
					1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
		120,500			120,500				
Estimated Cost by Source of Funds									
Code	Fund	Title							
		State Bonds	60,250		60,250				
		G.O. Bonds	60,250		60,250				
		TOTAL	120,500		120,500				
(18) Gross Floor Area _____ Sq.Ft. (19) Building Cost Per Sq.Ft. \$ _____ (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost _____ % (23) Estimated Start Date _____ (24) Estimated Completion Date _____									
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues	
List Program(s) Affected		First Year							
		Full Year							
		Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
The Port is attempting to obtain a parcel of ground adjacent to the Industrial Park which lies along the base of Government Hill. Proper drainage for military land on Government Hill and for the lease parcel must be provided.									