

28. PROPOSAL OF THE CITY OF LONG BEACH TO EXPEND TIDELAND OIL REVENUES FOR THE CONSTRUCTION OF THE ENTRANCE CHANNEL BRIDGE IN THE PORT OF LONG BEACH - L.B.W.O. 10,213.

On Calendar Item 30 attached, the Executive Officer noted that the expenditure to be approved should be modified to read \$18,720,000 (instead of \$17,090,000) for the reason that in the interim between the time for the regularly scheduled meeting for which this agenda item was prepared, and this date, the City had received bids for the project and therefore was able to specify a more realistic figure than had been previously estimated.

UPON MOTION DULY MADE AND UNANIMOUSLY CARRIED, THE FOLLOWING RESOLUTION WAS ADOPTED:

THE COMMISSION DETERMINES THAT THE EXPENDITURE OF APPROXIMATELY \$18,720,000 BY THE CITY OF LONG BEACH FROM ITS SHARE OF TIDELAND OIL REVENUES, AS PROPOSED IN ITS LETTERS DATED APRIL 30, 1965, AND MAY 20, 1965, FOR THE CONSTRUCTION OF THE ENTRANCE CHANNEL BRIDGE WITHIN THE BOUNDARIES OF THE HARBOR DISTRICT AS INDICATED ON EXHIBIT "A" ATTACHED, WITH THE EXCEPTION OF PAGE 5 OF THE EXHIBIT, IS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 6 OF CHAPTER 138, STATUTES OF 1964, 1ST EXTRAORDINARY SESSION; SAID DETERMINATION IS SUBJECT TO THE CONDITION, HOWEVER, THAT THE WORK CONFORM IN ESSENTIAL DETAILS TO THE PLANS AND BACKGROUND MATERIAL HERETOFORE SUBMITTED TO THE COMMISSION.

THE DETERMINATION THAT THE EXPENDITURES FOR OIL FACILITIES RAISING, EXHIBIT "A", PAGE 5, QUALIFY UNDER CHAPTER 138, SECTION 6, IS MADE SUBJECT TO FINDING BY THE EXECUTIVE OFFICER THAT THE RETENTION OF SUCH WELLS AT SUCH COST IS ECONOMICALLY JUSTIFIED OR, ALTERNATIVELY, A FINDING BY THE EXECUTIVE OFFICER THAT THE CITY HAS MADE ADEQUATE EFFORTS TO SEEK APPROVAL BY THE UNIT WORKING INTEREST OWNERS OF THE ABANDONMENT OF SAID WELLS, THE COST OF THE RETENTION OF WHICH IS NOT ECONOMICALLY JUSTIFIED.

Attachment

Calendar Item 30 (7 pages)

PROPOSAL OF THE CITY OF LONG BEACH TO EXPEND TIDELAND OIL REVENUES FOR THE CONSTRUCTION OF THE ENTRANCE CHANNEL BRIDGE IN THE PORT OF LONG BEACH - L.B.W.O. 10,213.

On April 30, 1965, the City of Long Beach, through the office of the City Attorney, filed a letter of intent to expend a portion of its share of tideland oil revenues, in the estimated amount of \$13,000,000, pursuant to the authority of Chapter 138/64, 1st E.S., for the construction of a fixed, high-level, steel-arch, suspended roadway bridge span crossing the Entrance Channel; flanked on the east and west by approach spans consisting of steel girders bearing on concrete piers; all included in the total length of approximately 5100 feet. On May 20, 1965, a supplemental letter of intent was filed, describing the plans of the Harbor Department to purchase properties and place fill on said properties, to construct a retaining wall, and to elevate oil facilities, all located at and under the west approach, at the expenditure of the additional amount of \$4,090,000. The staff is attempting to obtain further information relative to the advisability of raising idle and low-producing wells. Consultation with the City on this point is continuing. After review of the material submitted, it is the opinion of the staff that cost estimates are reasonable. For descriptions and estimates of the proposed work, refer to Exhibits "A", "B", "C", "D", "E", "F", "G", "H", and "I".

The City, in its letters of April 30, 1965, and of May 20, 1965, specified Sections 6(b) and 6(f) as the particular subdivisions of Chapter 138 which the City deems applicable to an authorization of the work. Sections 6(b) and 6(f) of Chapter 138, Statutes of 1964, 1st E.S., are repeated hereinafter for the information and convenience of the Commission.

"SEC. 6. The Legislature hereby finds that the remaining oil revenue hereinabove allocated to the City of Long Beach is needed and can be economically utilized by said city for the fulfillment of the trust uses and purposes described in said acts of 1911, 1925 and 1935 and described as follows in this act, which are hereby found to be matters of state, as distinguished from local, interest and benefit."

"(b) The construction, reconstruction, repair, operation and maintenance of streets, roadways, bridges and bridge approaches within the boundaries of, or reasonably necessary to provide immediate access to, said harbor district (as such boundaries were defined on April 1, 1956)."

"(f) The acquisition of property or the rendition of services reasonably necessary to the carrying out of the foregoing uses and purposes."

CALENDAR ITEM 30. (CONTD.)

IT IS RECOMMENDED THAT THE COMMISSION DETERMINE THAT THE EXPENDITURE OF APPROXIMATELY \$18,720,000 BY THE CITY OF LONG BEACH FROM ITS SHARE OF TIDE- LAND OIL REVENUES, AS PROPOSED IN ITS LETTERS DATED APRIL 30, 1965, AND MAY 20, 1965, FOR THE CONSTRUCTION OF THE ENTRANCE CHANNEL BRIDGE WITHIN THE BOUNDARIES OF THE HARBOR DISTRICT AS INDICATED ON EXHIBIT "A" ATTACHED, WITH THE EXCEPTION OF PAGE 5 OF THE EXHIBIT, IS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 6 OF CHAPTER 138, STATUTES OF 1964, 1ST EXTRAORDINARY SESSION; SAID DETERMINATION TO BE SUBJECT TO THE CONDITION, HOWEVER, THAT THE WORK CONFORM IN ESSENTIAL DETAILS TO THE PLANS AND BACKGROUND MATERIAL HERETOFORE SUBMITTED TO THE COMMISSION.

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Attachment  
Exhibit "A"

RECAPITULATIONEXHIBIT "A"

LONG BEACH WORK ORDER NO. 10,213 - Project and Estimate Submitted by the  
Port of Long Beach, ENTRANCE CHANNEL BRIDGE PROJECT.

<u>ITEM</u>	<u>AFE</u>	<u>WORK PROPOSED</u>	<u>LBHD ESTIMATED PROJECT EXPENDITURES</u>
1	534	Entrance Channel Bridge Structure	\$13,000,000
2	534	Supplemental Costs at the West Approach	
		A. Property Purchase	\$1,221,750
		B. Earth Fills	900,000
		C. Retaining Walls	161,900
		D. Raise Oil Facilities	691,000
		E. Contingency Allowance	743,350
		F. Engineering	372,000
			<u>4,090,000</u>
		Total	\$17,090,000

EXHIBIT "A"Breakdown of Costs for West Approach  
to the Entrance Channel Bridge

<u>ITEM</u>	<u>WORK PROPOSED</u>	<u>LBED ESTIMATED PROJECT EXPENDITURES</u>
A.	Property Purchase (Plan HD 20163-2) (See Exhibit "H")	
	1. Bridge (orange) 310,500 sq. ft. at \$1.25 per sq. ft. (Included in Area 1)	\$388,125
	2. Area (red) under side slopes of bridge fill 287,500 sq. ft. at \$1.25 per sq. ft. (Included in Area 1)	\$359,375
	3. Severance Damage (blue) 193,400 sq. ft. at \$1.25 per sq. ft. (Area 2)	\$241,750
	4. Severance Damage (green) 352,000 sq. ft. at \$0.66 per sq. ft. (Area 3)	\$232,320
	Total Property Purchase	\$1,221,750
B.	Earth Fills (Plan HD 8765)	
	1. Place earth fill - 900,000 cubic yards at \$1.00 per cubic yard	\$900,000
	Total Fills	\$ 900,000
C.	Retaining Wall (Plan HD 8765)	
	1. Wall, 24 ft. high - 370 linear feet at \$335 per linear ft.	\$123,950
	2. Wall, 20 ft. high - 150 linear ft. at \$253 per linear ft.	\$ 37,950
	Total - Wall	\$ 161,900

EXHIBIT "A"

<u>ITEM</u>	<u>WORK PROPOSED</u>	<u>LBHD ESTIMATED PROJECT EXPENDITURES</u>
D.	Oil Facility Raising (Plan HD 8765)	
	1. Abandon Idle Wells, 7 wells at \$7,000 per well	\$ 49,000
	2. Raise Producer Wells, 13 wells at \$11,000 per well	\$143,000
	3. Bury Abandoned Wells, 14 wells at \$1,000 per well	\$ 14,000
	4. Raise Injection Wells, 7 wells at \$11,000 per well	\$ 77,000
	5. Raise Source Wells, 4 wells at \$11,000 per well	\$ 44,000
	6. Raise Idle Wells, 5 wells at \$11,000 per well	\$ 55,000
	7. Mat Work -	
	5 wells at \$1,000 per well	\$ 5,000
	2 wells at \$7,000 per well	\$ 14,000
	8. Abandon and Redrill Producer Wells, 2 wells at \$100,000	\$ 200,000
	9. Raise General Facilities	\$ 90,000
	Total-Raise Oil Facilities	\$ 691,000
E.	Contingency Allowance	\$ 743,350
F.	Engineering	\$ 372,000
	Total West Approach	\$4,090,000

## EXHIBIT "A"

Project and Estimates  
submitted by the City of  
Long Beach, Entrance  
Channel Bridge

L.B.W.O. 10,213

PORT OF LONG BEACH  
ENTRANCE CHANNEL BRIDGE

FINAL ESTIMATE

Item No.	Description	Quantity	Unit	Unit Price	Total Price
1	Clearing and Grubbing	1	LS	25,000.00	25,000
2	Structure Excav. (Type A)	1	LS	90,000.00	90,000
3	Structure Excavation	16,000	CY	4.50	72,000
4	Structure Backfill (Type A)	1	LS	10,000.00	10,000
5	Structure Backfill	8,000	CY	2.50	20,000
6	Roadway Excavation	2,000	CY	0.75	1,500
7	Earth Fill	180,000	Ton	1.00	180,000
8	Finishing Roadway	1	LS	5,000.00	5,000
9	Steel Piling (14 SP 73)	20,500	LF	6.57	134,685
10	Steel Piling (14 BP 89)	77,160	LF	8.00	617,280
11	Steel Piling (14 BP 117)	86,575	LF	10.50	909,038
12	Driving Steel Piles	1,779	Ea	225.00	400,275
13	Bar Reinforcing Steel	8,254,200	Lb	0.10	825,420
14	Structural Concrete (Bridge)	40,500	CY	50.00	2,025,000
15	Structural Concrete (misc)	10	CY	75.00	750
16	P.C.C. Combined Curb and Gutter Type A-2	11,280	LF	2.50	28,200
17	P.C.C. Curb (Type A-1)	4,470	LF	1.50	6,705
18	P.C.C. Gutter (type E)	5,370	LF	2.75	14,767
19	P.C.C. Retaining Wall gutter	165	LF	2.00	330
20	P.C.C. Sidewalk, Driveway and Misc. Paving	110	CY	35.00	3,850
21	Structural Steel in approach and Ramp Structure	12,649,000	Lb	0.20	2,529,800
22	Structural Steel in channel Crossing Structure	6,750,000	Lb	0.32	2,160,000
23	Suspender Rope	5,175	LF	5.50	28,463
24	Miscellaneous Metal	104,800	Lb	0.40	41,920
25	Guard Rail	2,540	LF	5.00	12,700
26	Bridge Rail	12,230	LF	10.00	122,300
27	Stairway Rail	1	LS	1,000.00	1,000
28	Chain Link Fence (4 foot)	358	LF	3.00	1,074
29	Precast Raised Bars	80	LF	2.00	160
30	Precast Curb Sections	265	LF	3.50	928
31	Asphalt Concrete Pavement	10,885	Ton	6.50	70,752
32	Rock Base	15,150	Ton	2.50	37,875
33	Fire Protection System	1	LS	12,900.00	12,900
34	12-inch CMP (16 Ga)	125	LF	5.50	687
35	18-inch CMP (16 Ga)	18	LF	6.00	108
36	12-inch RCP (Class III)	930	LF	6.25	5,813

contd..

PORT OF LONG BEACH  
ENTRANCE CHANNEL BRIDGE

FINAL ESTIMATE

Item No.	Description	Quantity	Unit	Unit Price	Total Price
37	12-inch RCP Class IV	150	LF	6.50	975
38	15-inch RCP Class III	480	LF	6.75	3,240
39	15-inch RCP Class IV	80	LF	7.00	560
40	18-inch RCP Class III	40	LF	10.00	400
41	Storm Drain Manholes	2	Ea	200.00	400
42	Catch Basin - Type 1	13	Ea	250.00	3,250
43	Catch Basin - Type 2	10	Ea	250.00	2,500
44	Signing	1	LS	3,100.00	3,100
45	Electrical Work	1	LS	200,000.00	200,000
46	Plaques	2	Ea	1,500.00	3,000

Sub Total \$ 10,613,705

Contingency 5% 530,685

\$ 11,144,390

Escalator 5% 557,210

Total Estimate \$ 11,701,600

Engineering

Moffat & Nichol 485,000

Harbor Department 765,000

\$ 12,951,600

USE \$13,000,000