

40. EXPENDITURE OF TIDELAND OIL REVENUE FOR SUBSIDENCE STUDIES, 1968-69 F.Y.;
CITY OF LONG BEACH - LBWO 10,257.

After consideration of Calendar Item 17 attached, and upon motion duly made and unanimously carried, the following resolution was adopted:

THE COMMISSION APPROVES COSTS PROPOSED TO BE EXPENDED BY THE CITY OF LONG BEACH, INCLUDING SUBSIDENCE REMEDIAL WORK AS INDICATED ON EXHIBIT "A" ATTACHED AND HEREBY MADE A PART HEREOF, FOR THE PERIOD JULY 1, 1968, TO JUNE 30, 1969; SUBJECT TO THE CONDITIONS THAT THE AMOUNTS, IF ANY, OF EACH OF THE ITEMS TO BE ALLOWED ULTIMATELY AS SUBSIDENCE COSTS, DEDUCTIBLE UNDER SECTION 4(d) OF CHAPTER 138, STATUTES OF 1964, 1ST E.S., WILL BE DETERMINED BY THE COMMISSION UPON AN ENGINEERING REVIEW AND FINAL AUDIT SUBSEQUENT TO THE TIME WHEN THE WORK UNDER ANY OF THESE ITEMS IS COMPLETED; AND THAT THE WORK WILL CONFORM IN ESSENTIAL DETAILS TO THE PLANS AND BACKGROUND MATERIAL HERETOFORE SUBMITTED TO THE COMMISSION. FURTHER, THE COMMISSION AUTHORIZES THE EXECUTION OF APPROPRIATE WRITTEN INSTRUMENTS REFLECTING THE COMMISSION'S CONDITIONAL APPROVAL.

Attachment

Calendar Item 17 (3 pages)

17.

PROPOSED EXPENDITURE OF TIDELAND OIL REVENUE
FOR SUBSIDENCE REMEDIAL WORK
CITY OF LONG BEACH

SUBSIDENCE REMEDIAL PROJECT

SUBSIDENCE STUDIES, 1968-69 F.Y.

SUBSIDENCE ELEMENTS

a. City Presentation

The project consists of work required to land survey, measure and evaluate the costs of the damaging effects of subsidence of the land surface in the Harbor District.

b. Staff Analysis

Initial study concludes that some subsidence costs are included but not necessarily all those estimated by the City. All items are 2nd phase work.

COST OF THE PROJECT

a. City Estimate

\$220,000

b. Staff Analysis

Reasonable for the work proposed

STATUTORY AUTHORITY

a. City Reference

Ch. 138/64, 1st E.S., Sec. 1(e)

b. Staff Determination

Agreement

OTHER PERTINENT INFORMATION

Details of the project are set forth in letter dated May 21, 1968, from the City Attorney, requesting prior approval of the Commission.

EXHIBITS

A. Cost Estimate

IT IS RECOMMENDED THAT THE COMMISSION APPROVE COSTS PROPOSED TO BE EXPENDED BY THE CITY OF LONG BEACH, INCLUDING SUBSIDENCE REMEDIAL WORK AS INDICATED ON EXHIBIT "A" ATTACHED AND HEREBY MADE A PART HEREOF, FOR THE PERIOD JULY 1, 1968, TO JUNE 30, 1969; SUBJECT TO THE CONDITIONS THAT THE AMOUNTS, IF ANY, OF EACH OF THE ITEMS TO BE ALLOWED ULTIMATELY AS SUBSIDENCE COSTS, DEDUCTIBLE UNDER SECTION 4(d) OF CHAPTER 138, STATUTES OF 1964, 1ST E.S., WILL BE DETERMINED BY THE COMMISSION UPON AN ENGINEERING REVIEW AND FINAL AUDIT SUBSEQUENT TO THE TIME WHEN THE WORK UNDER ANY OF THESE ITEMS IS COMPLETED; AND THAT THE WORK WILL CONFORM IN ESSENTIAL DETAILS TO THE PLANS AND BACKGROUND MATERIAL HERETOFORE SUBMITTED TO THE COMMISSION. IT IS FURTHER RECOMMENDED THAT THE COMMISSION AUTHORIZE THE EXECUTION OF APPROPRIATE WRITTEN INSTRUMENTS REFLECTING THE COMMISSION'S CONDITIONAL APPROVAL.

Attachment: Exhibit "A"

EXHIBIT "A"

LONG BEACH WORK ORDER NUMBER 10,257 - Project and Estimates Submitted by the City of Long Beach, SUBSIDENCE STUDIES, 1968-69.

<u>ITEM</u>	<u>WORK PROPOSED</u>	<u>ESTIMATED SUB-PROJECT EXPENDITURES JULY 1, 1968 TO JUNE 30, 1969</u>	<u>ESTIMATED SUBSIDENCE COSTS</u>
1	Vertical Measurements	\$ 80,000	\$ 80,000 (100%)
2	Horizontal Measurements	20,000	20,000 (100%)
3	Consultants and Contingencies	15,000	15,000 (100%)
4	Preliminary Engineering Studies	10,000	10,000 (100%)
5	State Lands Expense - Subsidence	80,000	80,000 (100%)
6	Lateral Ground Surface Motion (Horizontal Movement Studies)	<u>15,000</u>	<u>15,000</u> (100%)
	TOTAL	\$220,000	\$220,000 (100%)

All above listed work is "2nd Phase"

NOTE:

1. The term "1st Phase" consists of costs of preliminary work expended subsequent to review of preliminary plans and/or other adequate description. (Typical "1st Phase" costs are engineering design, contract administration and advertising, preparation of site by Harbor Department forces.) For work within the same approved time period, any excess of "1st Phase" approved costs over actual expenditures may be added to "2nd Phase" approvals after date of "2nd Phase" approvals.
2. The term "2nd Phase" consists of additional costs approved subsequent to review of detail construction plans and/or other data sufficient to guide construction operations.

EXHIBIT "A" (CONTD.)

LEWO 10,257

SUBSIDENCE STUDIES

	1966-67		1967-68		1968-69		
	S.L.C. APPROVAL	EXPENDITURES	S.L.C. APPROVAL	EXPENDITURES TO 3-31-68	ANNUALIZED	REQUESTED	RECOMMENDED APPROVAL
Vertical Measurements	\$50,000	\$60,787.05	\$50,000	\$55,763.02	\$74,350.69	\$80,000	\$80,000
Horizontal Measurements	20,000	4,857.15	20,000	4,475.70	5,967.60	20,000	20,000
Consultants and Contingencies	10,000	6,370.23	10,000	7,608.46	10,144.61	15,000	15,000
Preliminary Engineering Studies	10,000	3,268.70	10,000	800.95	1,067.93	10,000	10,000
State Lands Expense Subsidence	40,000	41,028.09	40,000	51,269.76	68,359.68	80,000	80,000
Lateral Ground Surface Motion	20,000	2,818.58	10,000	6,241.68	8,322.24	15,000	15,000
Totals	\$150,000	\$119,129.80	\$150,000	\$126,159.57	\$168,212.75	\$220,000	\$220,000