

MINUTE ITEM

This Calendar Item No. C76 was approved as Minute Item No. 76 by the California State Lands Commission by a vote of 3 to 0 at its 9-17-01 meeting.

**CALENDAR ITEM
C76**

A 54, 55

S 27, 28

09/17/01

W 10435

C. Duda

**CONSIDER PRIOR APPROVAL OF
SUBSIDENCE COSTS FOR VERTICAL AND
HORIZONTAL MEASUREMENTS AND STUDIES,
2001-2002 FISCAL YEAR, CITY OF LONG BEACH,
LOS ANGELES COUNTY**

APPLICANT:

City of Long Beach
Attn.: Mr. Dennis M. Sullivan, Director
Department of Oil Properties
211 E. Ocean Blvd., Suite 500
Long Beach, CA 90802

BACKGROUND:

The City of Long Beach (City) conducts ground elevation and horizontal distance measurement surveys and studies twice each year throughout the Harbor District for the purpose of monitoring changes that may be attributable to subsidence. The project consists of vertical and horizontal measurements and studies in the City of Long Beach between July 1, 2001 and June 30, 2002. A major portion of the work effort and cost is in the vertical measurement (elevation) surveys and studies. The City estimates the cost of the work to be:

Vertical Measurements and Studies	\$420,000
Consultants and Contingencies	\$180,000
Horizontal Measurements and Studies	<u>\$ 15,000</u>
	\$615,000

This includes the Harbor Department expenditures related to the cost associated

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with obtaining differential leveling data, GPS data acquisition, and horizontal strain measurements. The estimated cost for consultants and contingencies includes the purchase and installation of global position satellite (GPS) equipment.

The existing subsidence/GPS network utilizes seven (7) primary control stations and 29 project benchmarks in the Port and City (developed in 1997 to replace a portion of the surface leveling). Future plans call for the conversion of the existing method of accomplishing a first order leveling survey run to a GPS method of combined fixed and mobile equipment. The initial step is installation of fixed GPS units in the field to provide continuous information on elevation changes. Benefits of this method include reduced cost by speeding up data acquisition and processing and an increase in data accuracy.

FISCAL IMPACT:

Subsidence costs for vertical and horizontal measurements and studies conducted in Long Beach are deducted from the Long Beach tidelands oil revenues, with the prior approval of the California State Lands Commission in accordance with Chapter 138/64 1st E.S., Section 1(e).

STATUTORY AND OTHER REFERENCES:

- A. The proposed expenditures are authorized by Chapter 138/64 1st E.S., Section 1(e) subject to prior approval by the California State Lands Commission.

OTHER PERTINENT INFORMATION:

1. The City of Long Beach has determined that the project is exempt from the requirements of the CEQA as a categorically exempt project under Class 6, Information Collection, Title 14, California Code of Regulations, section 15306.
2. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (Title 14, California Code of Regulations, section 15061), staff recommends that the Commission concur with the City's determination.

EXHIBITS:

- A. Location Map
- B. Cost Estimate

CALENDAR ITEM NO. C76 (CONT'D)

PERMIT STREAMLINING ACT DEADLINE:

N/A

RECOMMENDED ACTION:

IT IS RECOMMENDED THAT THE COMMISSION:

CEQA FINDING:

CONCUR WITH THE CITY OF LONG BEACH'S DETERMINATION THAT THE PROPOSED ACTIVITY IS EXEMPT FROM THE REQUIREMENTS OF CEQA AS A CATEGORICALLY EXEMPT PROJECT, CLASS 6, INFORMATION COLLECTION; AND

AUTHORIZATION:

APPROVE SUBSIDENCE COSTS, AS DEFINED IN CHAPTER 138/'64 1ST E.S., SECTION 1(e) AND, AS SHOWN ON EXHIBIT B, ATTACHED HERETO, BY THIS REFERENCE MADE A PART HEREOF, PROPOSED TO BE EXPENDED BY THE CITY OF LONG BEACH, FOR SUBSIDENCE VERTICAL AND HORIZONTAL MEASUREMENTS AND STUDIES TO BE CONDUCTED IN THE LONG BEACH HARBOR DISTRICT BETWEEN JULY 1, 2001 AND JUNE 30, 2002, SUBJECT TO THE CONDITION THAT THE WORK CONFORMS IN ESSENTIAL DETAILS TO THE DEFINITIONS AND PROCEDURES FOR SUCH WORK ESTABLISHED BY THE COMMISSION ON JUNE 27, 1979, MINUTE ITEM 27.

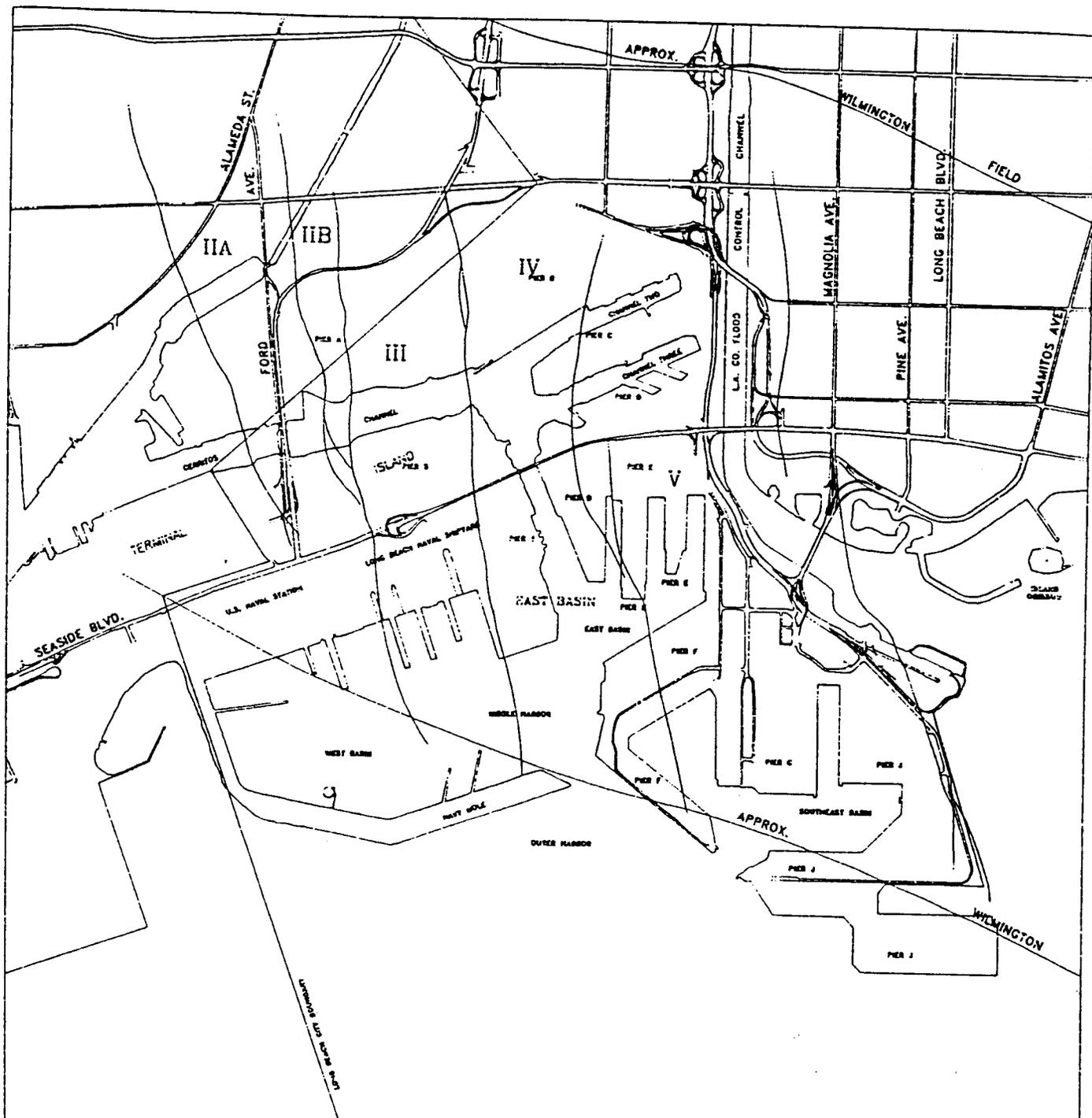
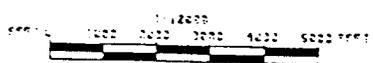


EXHIBIT 'A'
LOCATION MAP

PORT OF LONG BEACH

CALIFORNIA



0513
1865

08/29/01
W 10435
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EXHIBIT B

COST ESTIMATE
LONG BEACH WORK ORDER NO. W 10435
Estimates Submitted by City of Long Beach for
Subsidence Vertical and Horizontal Surveys
2001-2002 Fiscal Year

<u>ITEM</u>	<u>PROPOSED WORK</u>	<u>RECOMMENDED APPROVAL</u>
1.	Vertical Measurements and Studies	\$420,000
2.	Consultants and Contingencies	\$180,000
3.	Horizontal Measurements and Studies	<u>\$ 15,000</u>
	Total	\$615,000

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