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GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

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IN REPLY REFER TO:

June 16, 1992

92 JUN 19 A10:57

HAR-EM 7383.92

To: Brian Choy, Director
Office of Environmental Quality Control

From: Rex D. Johnson
Director of Transportation

Subject: NEGATIVE DECLARATION FOR MAINTENANCE DREDGING AT
PIER 34, HONOLULU, HAWAII - JOB H. C. 1816

In accordance with Chapter 343-4(c) of the Hawaii Revised Statutes, we are notifying you that we will not require an Environmental Impact Statement for the subject project. Enclosed are the original and four (4) copies of the Negative Declaration for the project.

If you have any question, please call August Perry or Kelly Sato at 587-1877.

Encs.

1992-07-08-DA- FEA - Pier 34 Maintenance
Dredging

JUL 30 1992

NEGATIVE DECLARATION FOR
MAINTENANCE DREDGING AT PIER 34
HONOLULU, HAWAII
JOB H. C. 1816

A. APPLICANT

Harbors Division, Department of Transportation

B. APPROVING AGENCY

~~Environmental Quality Commission~~
Department of Transportation

C. AGENCIES CONSULTED

Agencies informed of the project but were not consulted in the preparation of this Negative Declaration are:

Federal Government - Army Corps of Engineers

State of Hawaii - Department of Land & Natural Resources
- Office of State Planning
- Department of Health
- Office of Environmental Quality Control

D. GENERAL DESCRIPTION OF THE ACTION'S CHARACTERISTICS

1. Technical

The proposed project will include maintenance dredging of about 2,100 cubic yards of silt. Recent soundings have confirmed that silting has occurred. This project will restore the berthing area to its original designed depth of minus 35 feet Mean Lower Low Water. The last maintenance dredging was done in 1987.

Disposal of the dredged material will be accomplished through dewatering and transporting the material to an approved developed land disposal site. The construction contractor will be responsible for locating the disposal site and obtaining all permits required for the use of the site.

2. Economic

The proposed project will allow normal berthing access for fuel ships. The Contractor's work schedule will be

coordinated with the harbor users to minimize interference with vessels using the wharf.

3. Environmental

Dredging of the berthing area will cause a temporary increase in noise and dust, and turbidity of the wharf area. There will also be an increase of suspended particles near the dewatering site. Dewatering is expected to take place at the Harbor complex in the immediate area of the dredging. However, these increases are expected to be of short duration and not expected to lower the quality of water in the area.

If the material is taken to a county landfill, it will be used by the county to cover and bury deposited trash. Otherwise, it will be used by the contractor as fill at an approved developed land disposal site.

The proposed project will not alter conditions which may result in the increased possibility of damage from flooding, storm waves, subsidence, or erosion. No change in salinity, currents or tidal action is expected to occur as a result of this project.

E. SUMMARY DESCRIPTION OF THE AFFECTED ENVIRONMENT

1. Location

The dredging site is located at Pier 34, Honolulu, Hawaii.

The dewatering site will be at the Harbor complex and the disposal site will be at an approved developed land disposal site in Honolulu County selected by the contractor.

2. Project Area Description

The adjacent properties are owned by the State of Hawaii.

3. Land Use Designation of Proposed Site

The State of Hawaii, Land Use Commission designates the project site as Urban.

4. Site Description

The project site is located on the south side of Oahu at Pier 34, Honolulu, Hawaii. The proposed area of dredging is approximately 600' long by 40' wide along the west side of the wharf.

5. Infrastructure

- a. Access: Street access to the Harbor is via Nimitz Highway which directly passes the pier area.
- b. Utilities: There are adequate water, telephone, sewer and electrical facilities within the area. The project will not affect these facilities.

F. DISCUSSION OF THE ASSESSMENT PROCESS

Evaluation of the effects of the proposed project on the environment indicates that there will be no significant adverse effects on the environment. The proposed project will not:

1. Cause the permanent displacement of any persons;
2. Affect any rare, threatened, or endangered plants, animals, or habitats;
3. Involve an irrevocable commitment to loss or destruction of any natural or cultural resources, except for the labor and materials related to the construction of this project;
4. Permanently curtail the beneficial uses of the environment;
5. Conflict with the State's long-term environmental policies, goals, or guidelines;
6. Permanently degrade the environmental quality; and,
7. Alter the existing character of the land or its use.

Rather, the implementation of this project will have a beneficial effect on the general public and its environment.

G. IMPACTS AND ALTERNATIVES CONSIDERED

The proposed project will not cause any significant adverse effects on the environment. The primary negative effects include short-term noise, dust, and turbidity of the area of dredging, and at the discharge, or dewatering and landfill site. Interruption of Harbor operations is expected to be minimal and temporary.

Positive effect of the project is the restoring of the berthing area for safer egress and ingress of vessels at Pier 34. At present, fuel ships must call at Pier 34 with less than full loads due to the shallowness of the water at the berthing location. The reduced load has resulted in a freight penalty estimated by the oil company at \$1,000,000 annually being passed on to the consumers of the State. The dredging will allow the ships to call with full fuel loads.

Alternatives considered for this project:

1. No Action No action will result in the continuance of silting of the berthing area which will further reduce the safety of vessels. In turn, this will require vessels to moor with less than full loads, induce higher fuel and freight costs which will be passed on to consumers in the County, prevent vessels with deeper drafts from using the pier, and make the docking of ships more difficult with an increase in the possibility of damage to the ship or to the pier structure.

H. MITIGATION MEASURES

The quantity of material to be dredged on this project will be small. Consequently, the work should be accomplished quickly.

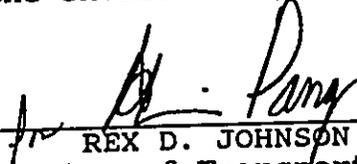
The contract specifications will require that silt curtains be used at the dredge site should the turbidity level of the harbor waters increase. The specifications will also require that the dredged material be dried in a confined area within the harbor complex prior to the material being hauled to the disposal site.

I. DETERMINATION

Since no major or significant adverse impacts are anticipated, costly detailed studies were considered inappropriate. Consequently, a determination has been made that an Environmental Impact Statement is not required.

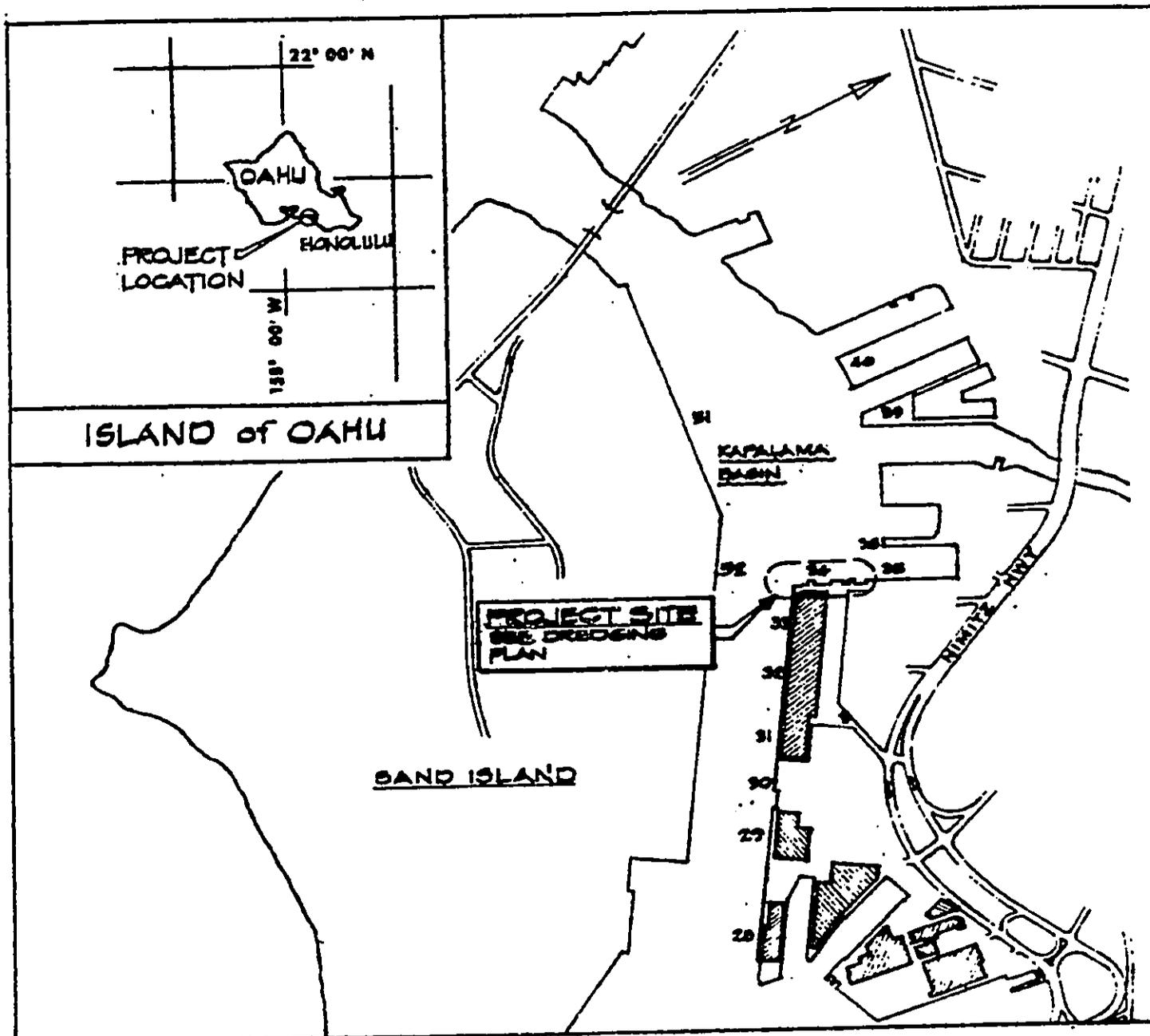
J. REASONS

The reasons supporting the "no EIS" determination are outlined in Sections F and G of this Negative Declaration. Any adverse environmental impact resulting from this project has been determined temporary and insignificant. Experience has shown that this type of construction within an established harbor boundary has an insignificant effect on the environment, both short and long term.



REX D. JOHNSON
Director of Transportation

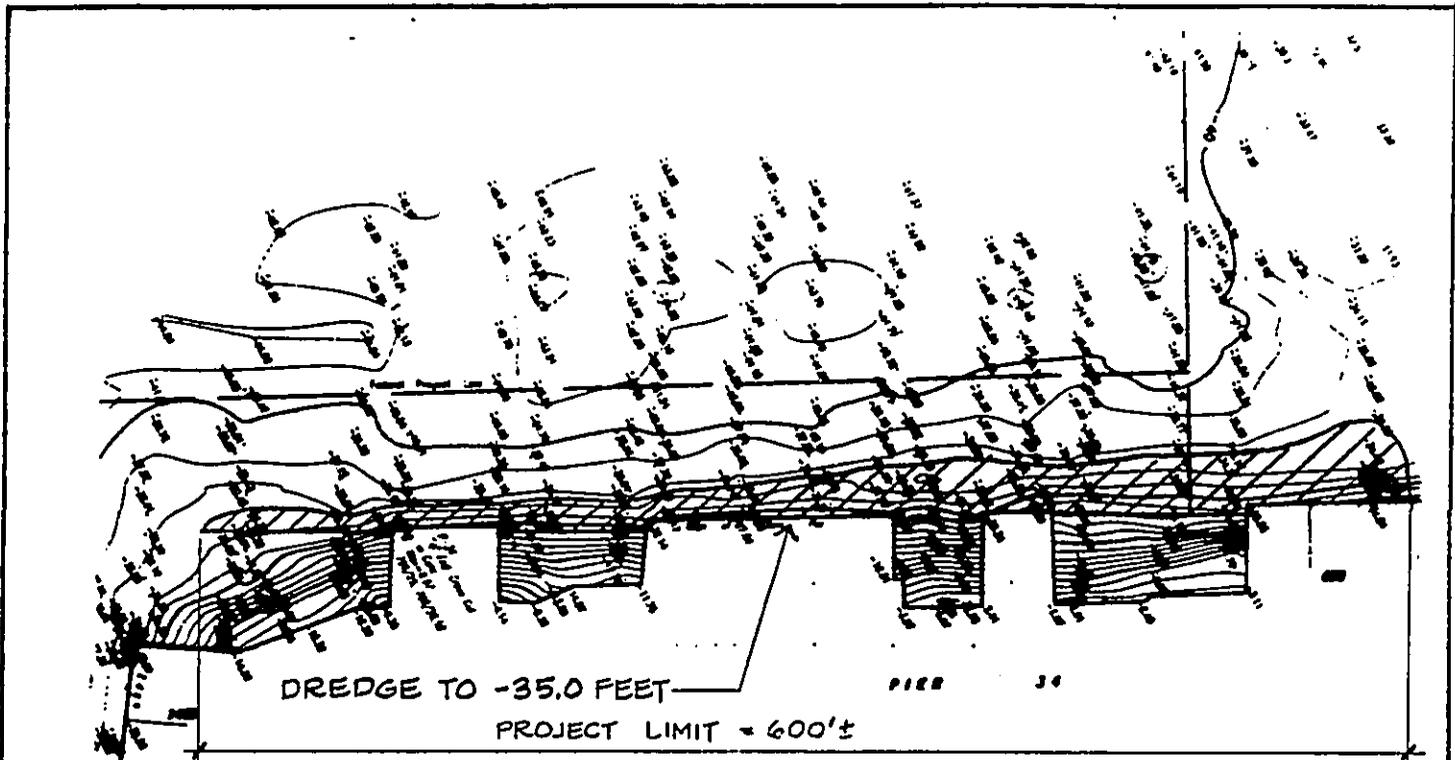
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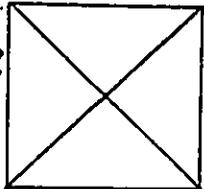
PROJECT LOCATION MAP - KAPALAMA BASIN

PURPOSE : DREDGING
DATUM : MEAN LOWER LOW WATER
NAME AND ADDRESS OF ADJACENT OWNER : STATE OF HAWAII
 DEPT. OF TRANSPORTATION
 HARBORS DIVISION
 79 S. NIMITZ HWY
 HONOLULU, OAHU, HAWAII

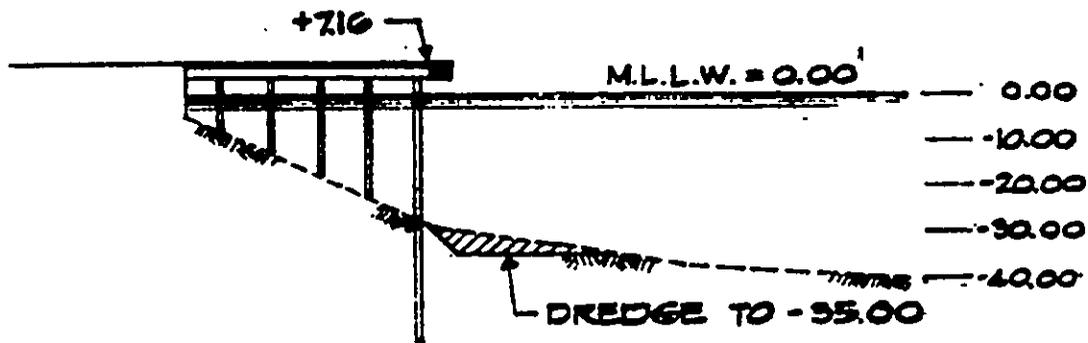
MAINTENANCE DREDGING AT PIER 34 AT KAPALAMA BASIN AT HONOLULU, OAHU, HAWAII
APPLICATION BY: DEPT. OF TRANSPORTATION, HARBORS DIVISION
 SHEET 1 OF 2



DE-WATER SITE →
APPROX. 100'x100'
BERM AROUND
AREA.



PIER 34 DREDGING PLAN



TYPICAL SECTION
SCALE : 1" = 40'

PURPOSE : DREDGING
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NAME AND ADDRESS OF ADJACENT OWNER : STATE OF HAWAII
 DEPT. OF TRANSPORTATION
 HARBORS DIVISION
 79 S. NIMITZ HWY
 HONOLULU, OAHU, HAWAII

MAINTENANCE DREDGING AT PIER 34
 AT KAPALAMA BASIN
 AT HONOLULU, OAHU, HAWAII
APPLICATION BY: DEPT. OF TRANSPORTATION, HARBORS DIVISION
 SHEET 2 of 2