F I N A L

DEPARTMENT OF PUBLIC WORKS

COUNTY OF HAWAII

STATE OF HAWAII

ENVIRONMENTAL ASSESSMENT OF THE CONSTRUCTION OF HILO SEWERAGE SYSTEM, PHASE III HILO, HAWAII

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ENVIRONMENTAL ASSESSMENT OF THE CONSTRUCTION OF HILO SEWERAGE SYSTEM, PHASE III

PROJECT DESCRIPTION:

The proposed project area is located in the city of Hilo, Hawaii (see attached location and general plan). The project is the third phase of a continuing construction program that implements a Master Sewerage Plan adopted by the County of Hawaii in 1962.

The project consists of the Railroad Interceptor Sewer System and the Kukuau Trunk Sewer System.

The Railroad Interceptor will sewer the industrial and residential developments in the Waiakea area.

The Kukuau Trunk will sewer the existing residential and planned residential development above Kapiolani Street.

Sewage from both areas will ultimately flow to a Sewage Treatment Plant, and after treatment will be discharged through an ocean outfall that terminates outside the breakwater in Hilo Bay.

All sewer lines will be underground and located within the street right-of-way.

ENVIRONMENTAL IMPACT STATEMENT

I. Probable Impact of the Project on the Environment:

This project will ultimately provide many beneficial effects. Property values will be enhanced. Since cesspools for approximately 87,000 people will ultimately be eliminated, possible future ground and surface water sources will be protected from possible contamination due to leaching and overflowing cesspools.

The elimination of cesspools generally creates a better living environment. This, in turn, will create a feeling of well being in the community.

II. Any Probable Adverse Environmental Effects Which Cannot Be Avoided:

There will be temporary adverse effects to the environment during the construction of the project. Open trenches and excavated material will create hazards and be objectionable visually. Normal traffic will be disrupted and some business may lose trade. Some erosion will occur and some dust will be generated. Proper construction procedures will be specified in the plans and specifications to minimize these adverse temporary effects. Open trenches will be limited in length and uncovered time. Erosion, dust and traffic control measures will be implemented (See Appendix).

This project is not funded and no exact time table for construction is available. Construction time for this project will be approximately one year.

III. Alternates Considered with Evaluation of Each:

There are no feasible alternatives to this project. Continued and additional use of cesspools for future developments would provide possible sources of contamination for underground and surface waters.

IV. Relationship Between Local Short-term Uses of Environment and Maintenance and Enhancement of Long-term Productivity:

The cumulative and long-term effects of this project will in no way affect any future productivity. This project will, in fact, improve the environment that the future generations will have to live in.

V. Any Irreversible and Irretrievable Commitments of Resources:

This project does commit natural resources to a use that are irreversible. Construction material and labor utilized for this project would be irreversible (i.e., crushed rock cannot be returned to its original state). The converted construction material could be retrievable, but labor would be entirely lost. No new lands would be committed as the entire sewer system in this project will be located in existing streets.

VI. Public Objection to the Project, if any, and Their Resolutions:

No public objection to this project has been written or voiced.

APPENDIX

25. DUST AND EROSION CONTROL

The Contractor's attention is called to the strict enforcement of dust control for the duration of this project. The Contractor shall maintain the control of dust caused by his work to the complete satisfaction of the Engineer.

The Engineer shall have the authority to limit the surface area of erodible earth material exposed by excavation and to direct the Contractor to provide immediate permanent or temporary pollution control measures to prevent contamination of adjacent streams or other water-courses, lakes, ponds, or other areas of water impoundment. Such work may involve the construction of temporary berms, dikes, dams, sediment basins, slope drains and use of other control devices or methods as necessary to control erosion.

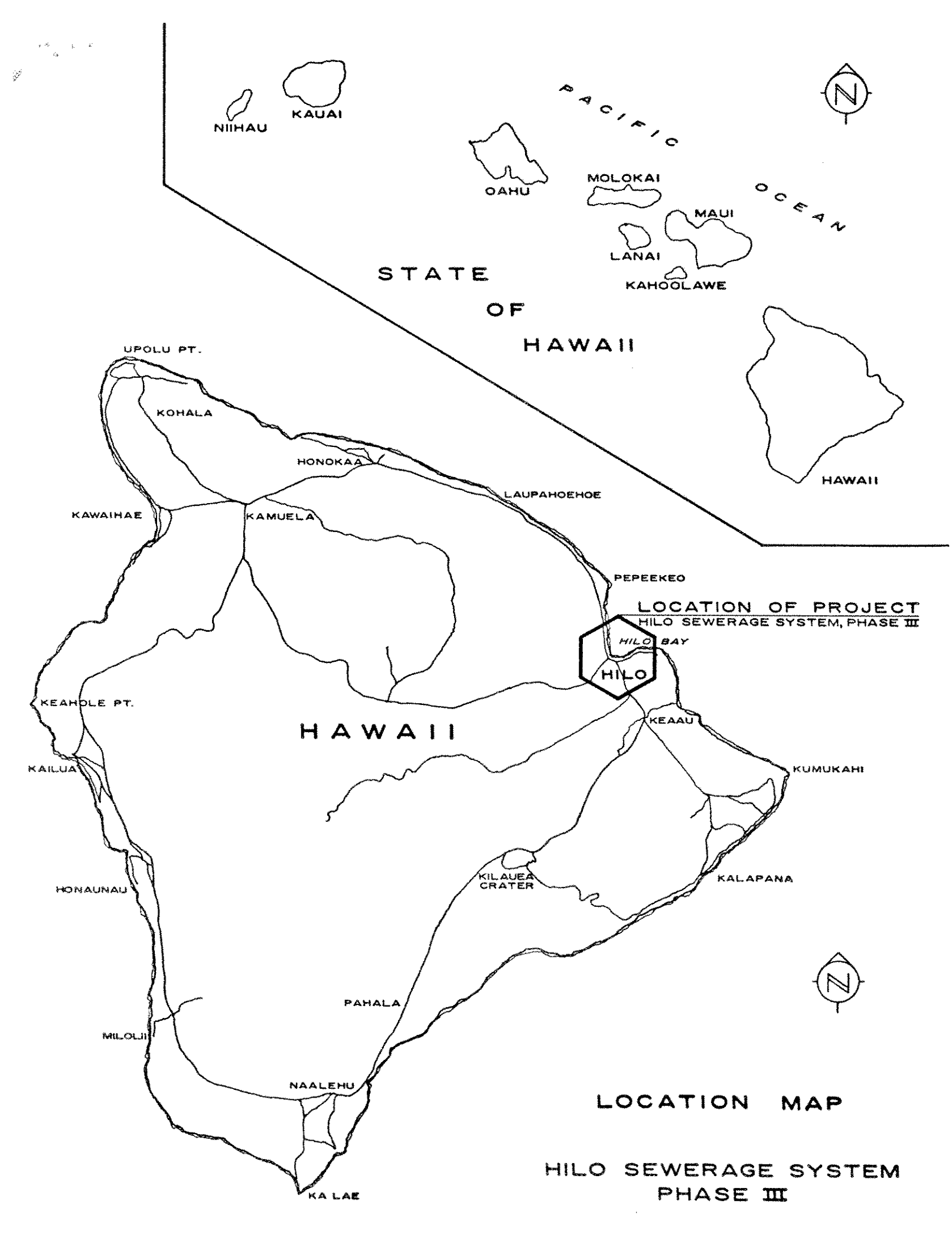
Temporary pollution control measures will be used to correct conditions that develop during construction that were not foreseen during the design state, or that are needed temporarily to control erosion that develops during normal construction practices.

In case of repeated failures on the part of the Contractor to control erosion, pollution, and/or siltation, the Engineer reserves the right to employ outside assistance or to use his own forces to provide the necessary corrective measures. Such incurred direct costs plus project engineering costs will be charged to the Contractor and appropriate deductions made from the Contractor's monthly progress estimate.

The erosion control features installed by the Contractor shall be acceptably maintained by the Contractor.

In the event of conflict between these requirements and pollution control laws, rules, or regulations of other Federal or State or local agencies, the more restrictive laws, rules, or regulations shall apply.

No separate measurement and payment shall be made for "DUST AND EROSION CONTROL." This work shall be considered as incidental to and included in the various items in the proposal.



LOCATION MAP

HILO SEWERAGE SYSTEM
PHASE III