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JOHN WAIHEE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
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HONOLULU, HAWAII 96813-5097

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IN REPLY REFER TO:  
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OFC. OF ENV.  
QUALITY CONTROL

MEMORANDUM

TO: MR. BRIAN J.J. CHOY, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

FROM: EDWARD Y. HIRATA, DIRECTOR  
DEPARTMENT OF TRANSPORTATION *E. Hirata*

SUBJECT: NEGATIVE DECLARATION FOR KAMEHAMEHA HIGHWAY, DRAINAGE  
IMPROVEMENTS IN THE VICINITY OF SWANZY PARK,  
KOOLAULOA, OAHU, PROJECT NO. 83D-01-91

We are notifying you that an Environmental Impact Statement will not be required for the subject project. We are filing a negative declaration for this project. Enclosed are four copies of the negative declaration.

If you have any question, please contact Mr. Albert S. Yamaguchi at 548-7468.

Enc.

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NEGATIVE DECLARATION  
\* KAMEHAMEHA HIGHWAY, DRAINAGE IMPROVEMENTS  
IN THE VICINITY OF SWANZY PARK, KOOLAULOA, OAHU \*  
PROJECT NO. 83D-01-91  
AUGUST 26, 1991

Proposing agency: Department of Transportation, Highways  
Division

Agencies consulted: The proposed project will be coordinated  
with the following agencies and permits  
will be secured, if required:

Federal: Corps of Engineers-Department of the  
Army Permit

State: Department of Health-Water Quality  
Department of Business, Economic  
Development and Tourism, Land Use  
Commission-Conservation District Use  
Department of Land and Natural  
Resources, Office of Conservation and  
Environmental Affairs-Conservation  
District Use Permit  
Office of State Planning-Coastal Zone  
Management

County: Department of Land Utilization-Shoreline  
Management Act Permit  
Department of Parks and Recreation-Parks  
Use Permit and Drainage Easement

Project Characteristics

General: The State of Hawaii, Department of Transportation is  
proposing to implement a drainage improvement project to  
relieve localized flooding fronting the Ka'a'awa Post Office,  
Ka'a'awa Country Kitchen and the 7-11 Store. This area is  
located on the Mauka side along Kamehameha Highway in the  
vicinity of Swanzy Park. Figure 1 shows the project location.

Technical: The proposed project consists of constructing two  
(2) grated drop intakes, 55 feet of 2 - 12-inch pipe culverts  
and 235 feet of 18-inch pipe culvert. The grated drop intakes  
will be placed where localized flooding occurs during periods  
of inclement weather. Storm run-off water will be channeled  
under Kamehameha Highway and the driveway of Swanzy Park  
through the pipe culverts and be discharged into the ocean  
through an existing seawall. Figure 2 shows the proposed  
drainage appurtenances.

Water Quality: The discharge of highway run-off will occur only during periods of inclement weather and will cause minimal turbidity in the ocean. Pollution, if any, is expected to be very minimal. No significant impact to the water quality is expected.

Noise: No significant noise impact is expected.

Traffic: No significant traffic impact is expected.

Archaeological: No significant archaeological impact is expected.

Flora: No significant impact on the flora is expected.

Fauna: No significant impact on the fauna is expected.

Visual: No significant visual impact is expected.

#### Alternatives Considered

The "no-action" alternative was considered but deemed to be unacceptable because the benefits of providing the general public with a safe all weather highway and preventing highway run-off from flooding adjacent properties outweigh the adverse impacts of the project. Also, in support of this proposed project are State legislators and Ka'a'awa community.

#### Proposed Mitigation Measures

1. The temporary dust and noise occurring during construction will be controlled by application of appropriate pollution control measures.
2. Temporary water turbidity, if any, during the trenching for the construction of the pipe culvert will be controlled by appropriate sediment control measures.
3. Temporary obstruction to traffic on Kamehameha Highway will be controlled by application of appropriate traffic control measures.

#### Determination

The proposed drainage improvements are not expected to cause significant environmental impacts.

**Economic:** The proposed project will cost the State of Hawaii \$135,000.

**Social:** The proposed project will benefit vehicular traffic by providing a safer highway.

By removing ponding within the highway, vehicles are less likely to encroach on the approaching lane of travel to avoid the ponding and are less likely to hydroplane.

The proposed project will also benefit the pedestrian who will not need to walk within the highway to avoid the ponding.

In addition to providing a safer highway, the proposed project will eliminate water run-off from the highway into private property creating an unhealthy environment and depriving property owners full use of their property.

**Environmental:** The discharge of highway run-off in the ocean will occur only during periods of inclement weather and will cause minimal turbidity. Water pollution will be insignificant.

The proposed project will have no aesthetic impact on the surrounding area. The grated drop intakes along Kamehameha Highway and the opening for the 18-inch pipe culvert in the Swanzy Park seawall will not have significant visual impact.

#### Summary of the Affected Environment

The major components of the proposed drainage improvements will be located under existing ground. There are no endangered fauna, critical habitats, historical/archaeological or cultural sites at the location of the proposed facility.

#### Summary of Major Impacts

##### Short Term

During construction, the following minor adverse impacts are anticipated:

1. Some dust and noise;
2. Minimal water turbidity from trenching through park; and
3. Some delays to traffic on Kamehameha Highway.

##### Long Term


**Air Quality:** No significant impact to the air quality is expected.

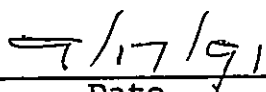
Findings and Reasons Supporting Determination

1. The proposed project will not involve an irrevocable commitment to loss or destruction to any natural or cultural resources.
2. The proposed project will not curtail the range of beneficial uses of the environment.
3. The proposed project will not conflict with the State's long-term environmental policies.
4. The proposed project will not substantially affect the economic or social welfare of the community or State.
5. The proposed project will not involve substantial secondary impacts, such as population changes or effects on public facilities.
6. The proposed project will not involve a substantial degradation of environmental quality.
7. The proposed project will not substantially affect any rare, threatened or endangered species of flora and fauna or habitat. No endangered species of flora or fauna are known to exist in the project site.
8. The proposed project will not detrimentally affect air, water quality or ambient noise levels.

For the reasons above, the proposed project will not have any significant effect in the context of Chapter 343, Hawaii Revised Statutes and Section 11-200-12 of the State Administrative Rules.

RECEIVED AND ACCEPTANCE RECOMMENDED:

  
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T. HARANO  
Chief  
Highways Division

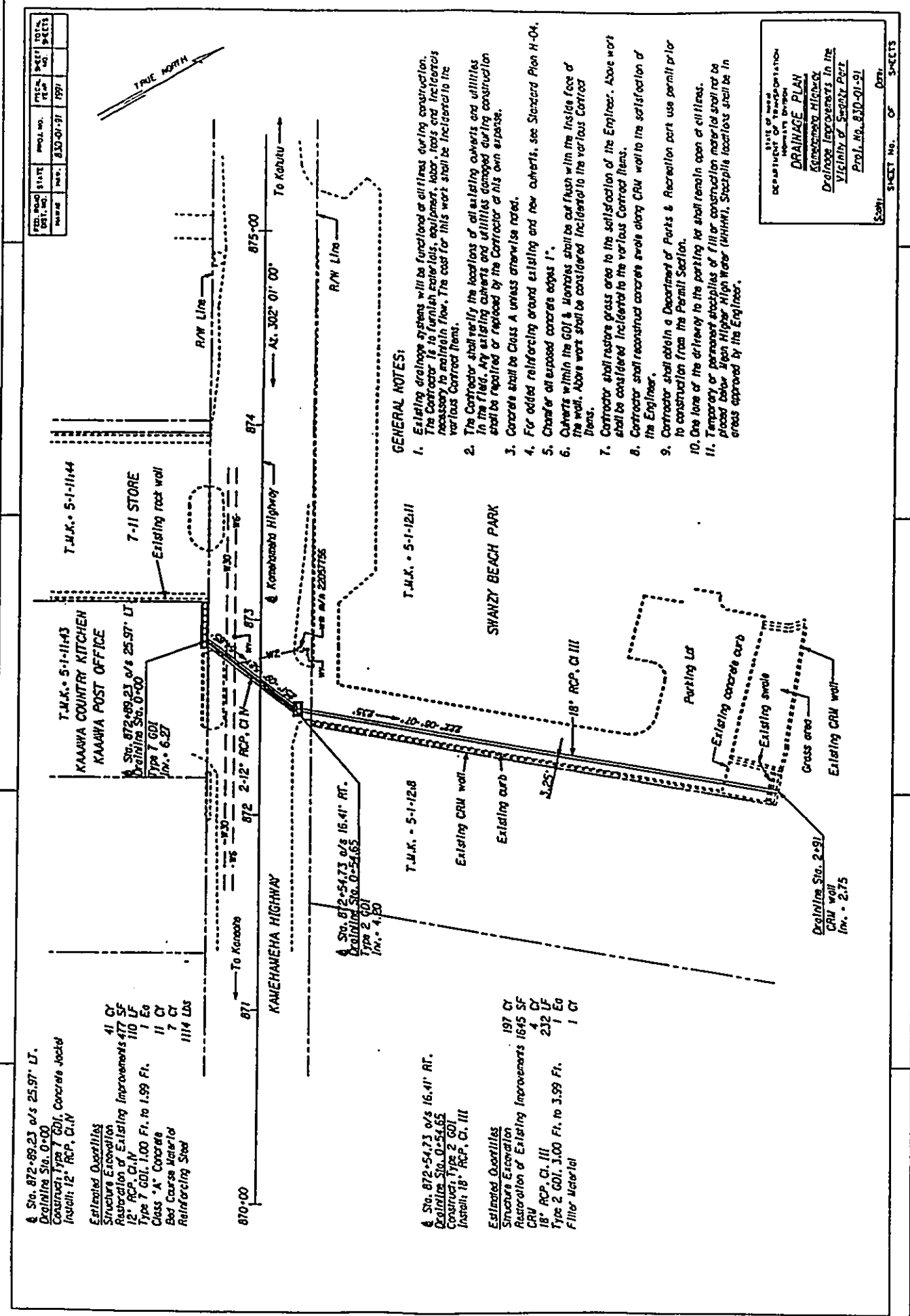
  
\_\_\_\_\_  
Date

CONCURRENCE:

  
\_\_\_\_\_  
EDWARD Y. HIRATA  
Director of Transportation

  
\_\_\_\_\_  
Date





Sta. 872+89.23 o/s 25.97' LT.  
 Drainage Sta. 0+00  
 Construct Type 2 GDI, Concrete Joints  
 Install 12" RCP, C.I. V  
 Estimated Quantities  
 Structure Excavation 41 CY  
 Restoration of Existing Improvements 477 SF  
 12" RCP, C.I. V 110 LF  
 Type 2 GDI, 1.00 Ft. to 1.99 Ft. 1 Eg  
 Class "A" Concrete 11 CY  
 Bed Course Material 7 CY  
 Reinforcing Steel 1114 Lbs

Sta. 872+54.73 o/s 16.41' RT.  
 Drainage Sta. 0+54.65  
 Construct Type 2 GDI  
 Install 18" RCP, C. III  
 Estimated Quantities  
 Structure Excavation 197 CY  
 Restoration of Existing Improvements 1645 SF  
 CRU, C. III 4 CY  
 18" RCP, C. III 232 LF  
 Type 2 GDI, 3.00 Ft. to 3.99 Ft. 1 Eg  
 Filter Material 1 CY

**GENERAL NOTES:**

1. Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. The cost for this work shall be incidental to the various Contract Items.
2. The Contractor shall verify the locations of all existing curbs and utilities in the field. Any existing curbs and utilities damaged during construction shall be repaired or replaced by the Contractor at his own expense.
3. Concrete shall be Class A unless otherwise noted.
4. For added reinforcing around existing and new curbs, see Standard Plan H-04.
5. Curbs within the GDI & Monitors shall be cut flush with the inside face of the wall. Above work shall be considered incidental to the various Contract Items.
6. Contractor shall restore grass area to the satisfaction of the Engineer. Above work shall be considered incidental to the various Contract Items.
7. Contractor shall reconstruct concrete swale along CRU wall to the satisfaction of the Engineer.
8. Contractor shall obtain a Department of Parks & Recreation permit prior to construction from the Permit Section.
9. One lane of the driveway to the parking lot shall remain open at all times.
10. Temporary or permanent stockpiles of fill or construction material shall not be placed below Mean Higher High Water (MHHW). Stockpile locations shall be in areas approved by the Engineer.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HONOLULU DIVISION  
**DRAINAGE PLAN**  
 Drainage Improvements in the  
 Vicinity of Swazzy Park  
 Proj. No. 870-01-91  
 DATE: \_\_\_\_\_  
 SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS

Figure 2