

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-019-1(27)      | 2002        | 3         | 18           |

GENERAL NOTES

- The project includes exposing existing utility lines; installing liner plate culverts, dumped riprap, guardrail, and terminals; pressure grouting; constructing GRP and concrete drainage structure; and removing existing guardrail.
- The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -Traffic Control.
- At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
- The contractor shall provide for access to and from all existing side streets at all times.
- GTE Hawaiian Telephone Company conduits are not drawn in their exact location. For approximate location of GTE facilities, contact Sharon Albrecht at 329-5716 at least two weeks prior for toning.
- See Special Provisions Sheet No. 107-5a for Hawaii Electric Light Company (HELCO) notes.
- See Special Provisions Sheet No. 107-4a for Department of Water Supply (DWS) notes.

LEGEND

- e— Existing Electrical Line  
°jp Existing Joint Pole  
°pp Existing Power Pole  
°emh Existing Electric Manhole  
helco Existing Electric Boxes  
slpb Existing Signal Light Pullbox  
—t— Existing Telephone Line  
°tp Existing Telephone Pole  
°tmh Existing Telephone Manhole  
—sc— Existing Signal Corps Line  
—tv— Existing TV Cable  
—w-12— Existing 12" Water Line  
°wmh Existing Water Manhole  
°av Existing Water Air Valve  
°wv Existing Water Valve Box  
°wv Existing Water Meter  
°fh Existing Fire Hydrant  
—s-12— Existing Sewer Line  
°smh Existing Sewer Manhole  
—g-6— Existing 6" Gas Line  
°gv Existing Gas Valve Box  
°gmh Existing Gas Manhole  
°mon. Existing Monument  
---d-24--- Existing 24" Drain Line  
24" RCP New 24 " RCP Drain Line  
°sdmh Existing Storm Drain Manhole  
gdi Existing Grated Drop Inlet  
cb Existing Catch Basin  
t Existing Traffic Sign  
Existing Highway Lighting Standard  
Existing Guardrail  
New Guardrail

|               |                   |         |
|---------------|-------------------|---------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE    |
| NOTE BOOK     | DRAWN BY          | 7-21-92 |
| DATE          | TRACED BY         |         |
| DATE          | CHECKED BY        |         |
| DATE          | QUANTITIES BY     |         |
| DATE          | CHECKED BY        |         |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

QUEEN KAAHUMANU HIGHWAY  
DRAINAGE IMPROVEMENTS  
Vicinity of Mauna Kea Beach Hotel  
Federal-Aid Project No. STP-019-1(27)  
Date: July, 2001

SHEET No. 1 OF 1 SHEETS