

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56AC-01-01	2002	3	13

### GENERAL NOTES

- The project includes excavating, demolishing, and disposing of existing drainage structures, installing bedcourse material and culverts; and constructing grated drop inlets and gutters.
- 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.
- Contractor shall provide for access to and from all existing side streets and/or driveways at all times.
- Where pedestrian walkways exist, they shall be maintained in passable condition or other facilities for pedestrians shall be provided. Passage between walkways at intersections shall likewise be provided.
- During working hours, the Contractor shall provide for through traffic. During non-working hours, all trenches shall be covered with a safe non-skid bridging material and all lanes shall be open to traffic.
- All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
- All existing speed limit signs covered during the lane closure period shall be uncovered upon the removal of the lane closure including construction warning/regulatory signs.

### REFERENCE:

- Refer to Standard Plans for additional details and notes not covered by details and typical drawings.

### DRAINAGE NOTES

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various Contract items.
- The Contractor shall verify the locations and inverts of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at no cost to the State.
- The following work shall not be paid for separately but shall be incidental to the various contract items:
  - Demolishing, removing, and disposing existing drainage inlets and headwall;
  - Connecting existing culverts to grated drop inlets.
  - Grading to drain of earth swales.
- Concrete shall be Class A unless otherwise noted.
- Unless noted otherwise, chamfer all exposed concrete edges three-quarters (3/4) of an inch.
- The Contractor's attention is directed to Section 211 - Archaeological Monitoring. Archaeological monitoring will be required for all excavation work from Sta. 381+00 to Sta. 391+00.

### LEGEND

—e— Existing Electrical Line	—d-12— Existing Sewer Line
°jpp Existing Joint Pole	°smh Existing Sewer Manhole
°pp Existing Power Pole	°SMH Adjusted Sewer MH Frame/Cover
—t— Existing Telephone Line	---d-24--- Existing 24" Drain Line
°tpp Existing Telephone Pole	□gdi Existing Grated Drop Inlet
°wmh Existing Water Manhole	■GDI Adjusted Grated Drop Inlet
°WMH Adjusted Water MH Frame/Cover	⊕ Existing Traffic Sign
°wv Existing Water Valve Box	⊙ Existing Highway Lighting Standard
°WV Adjusted Water Valve Box	
°fh Existing Fire Hydrant	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	12/01
PROVISIONS	DESIGNED BY	
QUANTITIES BY	CHECKED BY	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<b>GENERAL NOTES AND LEGEND</b>
<b>KUHIO HWY. MISCELLANEOUS DRAINAGE IMPROVEMENTS</b>
<b>Vicinity of Kapaa and Anahola</b>
<b>Project No. 56AC-01-01</b>
Date: Dec. 2001
SHEET No. 1 OF 1 SHEETS