

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-91	1991	3	26

GENERAL NOTES

- The scope of work for this project consists of reconstructing existing pavement areas; constructing retaining walls, concrete and bituminous sidewalks, wheelchair ramps, paved shoulders and an additional lane; installing signal standards, loop detectors, a 16-inch water main and appurtenances, metal pipe railings, signs, pavement markers and stripings.
- The Contractor's attention is directed to Subsection 107.13 - Public Convenience and Safety of the Special Provisions 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 the 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 exact limits of concrete and bituminous sidewalks and reconstruction areas shall be determined in the field by the Engineer.
- The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
- All exposed areas shall be hydro-mulched immediately after grading work has been completed. This work shall be in accordance with Section 614 - Hydro-mulch Seeding and will be incidental to the various contract items. Seed shall be as directed by the Engineer.
- Dressing of shoulder and sidewalk shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
- Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items.
- Earth swale shall be graded to drain. Earth swale shall not be paid for separately, but shall be considered incidental to the various contract items.
- Contractor shall provide for access to and from all existing driveways and streets at all times.
- All saw cutting work shall be considered incidental to Roadway Excavation.
- New AC walkway and curbing shall be smoothly transitioned with a 12:1 slope to meet existing driveway grades.
- Relocation of existing galvanized pipe gate at Sta. 8+28± Left will be incidental to new pipe railings. Final location shall be as directed by the Engineer.

- Concrete gutter apron shall be considered incidental to the catch basin.
- Contractor shall notify Keaau Elementary School 10 (ten) working days prior to commencing construction within the school right of way.
- Contractor shall be responsible for restoring to original condition of any property damage caused by his operations.





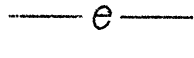
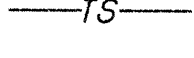
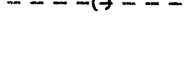











HAWAIIAN TELEPHONE CO. (HTCO.) NOTES

- The location of existing Hawaiian Telephone Company underground facilities shown on the plans are approximate only. The Contractor shall verify their location and depth of the facilities. Any damages to the underground facilities as a result of his operations shall be repaired by the Contractor.
- The Contractor shall notify Hawaiian Telephone Company 72 hours prior to the start of excavation for field location of Hawaiian Telephone Company underground facilities.

HAWAII ELECTRIC LIGHT CO. (HELCO) INC. NOTES

- The location of HELCO's overhead and underground facilities shown on the plans are from existing records with varying degrees of accuracy and are not guaranteed as shown. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines and shall maintain adequate clearance when operating equipment within or under any overhead lines.
- The Contractor shall comply with the State of Hawaii's Occupational Safety and Health Law (DOSH).
- For verification of underground lines or for assistance in supporting and protecting these lines, the Contractor shall call HELCO a minimum of 72 hours in advance.
- The Contractor shall be liable for any damages to HELCO facilities and shall immediately report such damages to HELCO.

LEGEND

-  Paving Limit
-  Reconstruction Areas
-  Existing Telephone Pole
-  Existing Power Pole
-  Existing Electrical Line
-  Existing Traffic Signal Line
-  Existing Pipe Rail Line
-  Existing Water Line
-  Existing Water Valve
-  Existing Water Gate Valve
-  Existing Gate Valve to be Adjusted
-  Existing Fire Hydrant
-  Existing Water Air Valve
-  Existing Water Air Valve to be Adjusted
-  Existing Water Meter
-  Existing Drain Manhole
-  Existing Catch Basin
-  347.48
Sta. 8+75 Finish Pavement Grade and Station (location)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**GENERAL NOTES, UTILITY
NOTES AND LEGEND**

KEAAU-PAHOA RD. IMPROVEMENTS
Vicinity of Keaau School
PROJECT NO. 130B-01-91

Date: May, 1991

SHEET No. 1 OF 1 SHEETS