

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII | HAW. | 83B-01-98 | 2000 | 3 | 46 |

GENERAL NOTES:

1.

The scope of work for this project includes furnishing and installing traffic signal system; widening roadway; modifying drainage system; signing and striping; relocating utilities.
2.

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.
3.

The Contractor’s attention is directed to the following Sections of the Special Provisions: Subsection 104.04 – Maintenance of Traffic; Subsection 107.13 – Public Convenience and Safety; Subsection 107.21 – Contractor’s Responsibility for Utility Property and Services; and Section 645 – Traffic Control.
4.

At the end of each day’s work, the Contractor shall remove equipment and other obstructions to permit free and safe passage of public traffic.
5.

The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
6.

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.
7.

The Contractor shall provide for access to and from all existing side streets and driveways at all times.
8.

All saw cutting work shall not be measured or paid for separately, but shall be considered incidental to various contract items.
9.

The Contractor shall verify the presence of existing aerial utilities which may conflict with construction activities and shall coordinate with the utility company as necessary. This work shall be at no additional cost to the State.
10.

The underground pipes, cables or ductlines known to exist by the Engineer from a search of records are indicated on the plans. The Contractor shall verify the location and depth of the facilities and exercise proper care in excavating the area.

When existing unforeseen utility is in conflict with the proposed utility, the Contractor shall notify the Engineer. The Engineer will determine if relocation is necessary.

Whenever connection of new utilities to existing utilities are shown on the plans, the Contractor shall expose the existing lines to verify their locations and depths prior to excavation for the new lines.

All existing utilities whether or not shown on plan, shall be protected at all times during construction unless otherwise noted, and any damage to them shall be repaired and paid for by the Contractor. Personal injury resulting from contact with the existing utilities shall be the Contractor’s responsibility.

11.

When excavating near walls, fences, utility poles, traffic signal poles, and other improvements, the Contractor shall protect, support, secure and take all other precautions to prevent damaging these improvements.
12.

MATERIALS:

A.

All reinforcing steel shall be ASTM designation A615 Grade 40, unless noted.

B.

All concrete shall be Class B, unless otherwise noted.
13.

Utility structures are referenced by station and offset to the centerline of the structure body, unless otherwise noted on plan.
14.

Surfaces of existing concrete against which concrete is to be placed shall be thoroughly cleaned of surface laitance and other material foreign to concrete.
15.

The spacing between ducts of different sizes shall be according to with the spacing requirements of the larger duct. For spacing requirements between different utility systems, see "Title-VI Public Utilities Commission, Rules for Construction of Underground Electric and Communication Systems, General Order No. 10".
16.

Topsoil within work area shall be removed, stockpiled, and reused for restoration of landscaping. Topsoil work, including landscaping, will not be measured or paid for separately, but shall be considered incidental to various contract items.
17.

Where utility service connections penetrate existing walls, restore wall to satisfaction of the Engineer. Payment for restoration of wall shall be considered incidental to various contract items.

GENERAL NOTES (con't):

18.

Existing pullboxes, handholes, and manholes which are below finish grade shall be covered with steel plates (with skid resistant surface) until the existing facilities are removed or demolished in accordance with Section 202 of the Specifications (Payment for steel-plating shall be considered incidental to various contract items).
19.

Steel plates for covering trenches shall have skid resistant surface.
20.

The Contractor shall not interfere with the operations of the Sunset Beach Fire Station. The Contractor shall apprise the fire station officials of the work schedule prior to and during construction.
21.

Smooth riding connections shall be constructed at all limits of construction according to the Contract or as ordered by the Engineer. This work will not be measured or paid for separately, but shall be considered incidental to the various contract items.
22.

The Contractor shall maintain existing highway lighting system. This work will not be measured or paid for separately, but shall be considered incidental to the various contract items.
23.

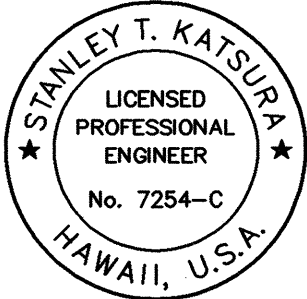
The work shall conform to the applicable provisions of the 1994 Americans with Disabilities Act Accessibility Guidelines (ADAAG), 4.1 through 4.35 and Section 10.
24.

The Engineer will permit lane closures only from 8:30 a.m. to 3:30 p.m., Monday through Friday.

| | | |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DRAWN BY | |
| | TRACED BY | |
| | DESIGNED BY | |
| | CHECKED BY | |
| | No. | |

CAD by E DELA CRUZ, SS-52

Last Saved: J:\PUPUKEA\MISC\kh-notel.dwg 11/29/99 at 11:29



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Stanley T. Katsura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98

SCALE: NONE DATE: FEBRUARY 2000

SHEET NO. G1 OF 1 SHEETS