

GENERAL NOTES

1. The scope of work consists of extending the existing left turn lanes; closing median openings; installing curb and gutters, curbs, pavement markings and signs; adjusting traffic signal and 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 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -Traffic Control.

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

5. The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St., Hon., HI 96819 (ph. #848-4571) seven (7) days prior to any paving operations.

6. 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.

7. Smooth riding connections shall be constructed at all limits of construction as shown on the plans and/or as directed by the Engineer.

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

9. Maintenance of traffic through the construction area shall be in accordance with Part VI of the " Manual On Uniform Traffic Control Devices For Streets And Highways", Federal Highway Administration (1988) and as specified in the Special Provisions. The Contractor shall furnish and maintain adequate barricades, blinkers, construction signs, etc., for the safety of the motoring public.

10. 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.

11. The existence, location, and existing conditions 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 and conditions during the course of work is possible. The Contractor shall tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work such as excavation, the placement of sign posts, highway lighting, traffic signal conduits, etc., may effect these properties. Toning shall be considered incidental to the various contract items and will not be paid for separately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
12. If the work changes the grade, the Contractor shall adjust (flush to finished grade) all manhole, pullbox and handhole frames and covers, including those not in contract. If not in contract this work will be considered incidental to the various contract items.

13. The Contractor shall remove and dispose of all existing raised pavement markers, thermoplastic line markings, traffic tapes, and epoxy adhesives prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.

14. The exact pavement widening or areas shall be determined in the field by the Engineer.

15. All saw cutting work shall be considered incidental to Roadway Excavation.

16. The Contractor shall demolish and dispose all existing curb, curb & gutter, asphalt pavement and sidewalk as indicated on the plans. This work shall be considered incidental to their respective bid items.

17. Dressing of shoulder, median and sidewalk shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.

18. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.

19. Prior to the placement of New Asphaltic Concrete Base Course, the existing subbase and/or subgrade shall be compacted to a relative compaction greater than or equal to 95%.

20. Provide smooth transition where new sidewalk construction meets the existing grade or sidewalk.

22. Grass graded or exposed areas within the median according to Special Provision Section 618 - Grassed Surface.

LEGEND

- Existing Electrical Line

Existing Electrical Line/underground

Existing Electrical Pole

Existing Joint Pole

Existing Power Pole

Existing Electric Manhole

Existing Electric Pullbox

Existing Hawaiian Electric Handhole

Existing Telephone Line

Existing Telephone Pole

Existing Telephone Manhole

Existing Signal Corps Line

Existing 12" Water Line

Existing Water Manhole

Existing Water Meter

Existing Traffic Signal Pole

Existing Traffic Signal Pullbox

Existing Traffic Signal Loop Detector

Existing Light Pole

Existing Sewer Line

Existing Sewer Manhole

Adjusted Sewer MH Frame/Cover

Existing 8" Natural Gas Line

Existing 6" Gas Line

Existing Gas Valve Box

Existing Gas Manhole

Existing 24" Drain Line

New 24 " RCP Drain Line

Existing Storm Drain Manhole

New Storm Drain Manhole

Existing Grated Drop Inlet

Existing Catch Basin

Existing Traffic Sign

Existing Highway Lighting Standard

Existing Tree

ABBREVIATION

- Baseline

Existing Edge of Pavement

New Edge of Pavement

Existing Right-of-Way Line

OSHA NOTES

1. The Contractor shall establish and maintain a safety and health program for the work site that provides adequate systematic policies, procedures, and practices to protect employees from, and allow them to recognize, job-related safety and health hazards.

2. The Contractor shall be responsible for complying with all occupational Safety and Health Administration's (OSHA) revised rules and guidelines.

3. All excavation work shall comply with the applicable health and safety guidelines as specified in OSHA 2226-Excavations (revised 1990).

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61A-01-01	2002	3	35

SURVEY PLOTTED BY

DATE

DRAWN BY

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TRACED BY

NOTE BOOK

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CHECKED BY

ORIGINAL PLAN

NOTE BOOK

Rellynn

QUANTITIES BY

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

PALI HIGHWAY SAFETY IMPROVEMENTS

School Street to Waakanaka Street

Project No. 61A-01-01

Date: Jan. 2002

SHEET No. 1 OF 1 SHEETS