

GENERAL NOTES

1. The scope of work for this project consists of installing a new traffic signal system and highway lighting system , minor roadway construction, and related work.
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. Section 645 - Traffic Control.
4. 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.
5. Locations of existing underground structures and utilities such as pipelines, conduits, cables, etc., manholes, monuments, and structures shown on plans are approximate only. It is not the intent of these plans to show the exact location of all underground utilities and structures. It is the responsibility of the Contractor to verify the locations of all existing utilities with the respective owners. Existing utilities damaged by the Contractor shall be repaired by the Contractor at his own cost.
6. Contractor shall provide for access to and from all existing side streets and driveways at all times.
7. Maintenance of traffic through the construction area shall be in accordance with Part VI, "Standards and Guidelines for Traffic Controls for Street and Highway Construction, Maintenance, Utility and Incident Management Operations", of the "Manual On Uniform Traffic Control Devices For Streets And Highways", Federal Highway Administration (1988 Edition), to include all Revisions and Errata Sheets to Part VI 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.
8. The exact limits of pavement lengthening areas shall be determined in the field by the Engineer.
9. All saw cutting work shall be considered incidental to Roadway Excavation.
10. 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.
11. 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.
12. The Contractor shall adjust flush to finish grade all manhole, valve, pullbox, and handhole frames & covers, including those not shown on the plans, if there is a change in grade due to construction of the project. If the proposal does not show a contract item, the Engineer will consider them incidental to the various contract item.
13. All necessary permits for work within the jurisdiction of the County of Maui shall be obtained by the Contractor at his own cost.
14. Dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubing, 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.

15. All construction signs shall be left in place until all construction items have been completed. The Contractor shall obtain prior approval from the Engineer to remove construction signs. This work shall not be paid for separately but shall be considered incidental to various contract items.
16. The contractor shall not leave more than 1½" drop-offs at the edge of shoulder at the end of each work day. This includes drop-offs at the centerline and at the other edges of travel lane.
17. Existing signs and posts that will be removed and replaced shall be delivered to the Maui District Baseyard. Payment for removal, storage and delivery shall be considered incidental to the regulatory and warning sign pay items.
18. The Contractor shall take extra care of not disturbing the County's existing street monuments. The Contractor shall be responsible for any repairs to the County's monuments if damaged during the Contractor's operations.
19. WORK TO BE PERFORMED WITHIN THE MAUI COUNTY RIGHT-OF-WAY
- See sheet 4 for requirements for work to be performed within the Maui County Right-of-Way (work outside the State Right-of-Way). When the Proposal does not include pay items for work required by Maui County, the Engineer will not pay for this work separately but will consider the cost of such work as included in the prices of the various contract items.

LEGEND

- ⊙*mon.* Existing Monument
- °*pp* Existing Power Pole
- °*ep* Existing Light Pole
- meth* Existing MECO Electric Handhole
- ⊞*mept* Existing MECO Electric Pullbox
- elug*— Existing Electric Line (underground)
- °*tp* Existing Telephone Pole
- telug*— Existing Telephone Line (underground)
- °*tmh* Existing Telephone Manhole
- ⊞*thth* Existing Telephone Handhole
- ⊞*htpb* Existing Telephone Pullbox
- t/catr*— Existing Cable Line
- at&t*— Existing AT&T Line
- w-24"* Existing 24" Water Line
- °*wmh* Existing Water Manhole
- °*wrv* Existing Water Valve Box
- °*av* Existing Water Air Valve
- ⊙*fh* Existing Fire Hydrant
- d-24"* Existing 24" Drain Line
- °*sdmh* Existing Storm Drain Manhole
- ⊞*gdi* Existing Grated Drop Inlet
- ⊞*cb* Existing Catch Basin
- °*smh* Existing Sewer Manhole
- s-8"* Existing Sewer Line
- g-2"* Existing 2" Gas Line
- °*gmh* Existing Gas Manhole
- ⊞*tsptb* Existing Traffic Signal Pullbox
- °*ts* Existing Traffic Signal Pole
- ts*— Existing Traffic Signal Conduits
- ⊞ Existing Sign With 1 Post
- ⊞ Existing Sign With 2 Post
- ⊞ New Sign With 1 Post
- ⊞ New Sign With 2 Post
- ▨ New Paved A.C. Shoulder

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(33)	2000	3	29

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY Paul T. Taniguchi, Ltd.	10/2/99
Johny	DESIGNED BY Paul T. Taniguchi, Ltd.	10/2/99
Thompson	QUANTITIES BY	
	CHECKED BY	

R4-1-97



THIS WORK WAS DONE BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**GENERAL NOTES
AND LEGEND**
HONOAPIILANI HIGHWAY
Installation of Traffic Signals at Napilihau Street
F.A. Project No. STP-030-1(33)
Scale: None Date: Feb, 1999
SHEET No. 1 OF 2 SHEETS