

P.M.: STY  
CURRENT OPR: rki  
PREV. OPR:  
CURRENT TIME: May 09, 2003 - 2:16pm  
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SURVEY PLOTTED BY	DATE
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ORIGINAL PLAN	
NOTEBOOK	
No.	

General Notes: (For Construction in State R/W)

- The scope of work for this project consists of widening the existing roadway for an additional turning lane and bike lanes; constructing retaining walls, sidewalks, curbs and gutters; constructing drainage structures; relocating electrical, telephone, and cable TV ductlines overhead and underground; installing highway lighting; adjusting water facilities; adjusting utility manholes; replacing signs and reflector markers; and installing pavement markings.
- 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 30 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.
- Locations of existing underground structures and utilities such as pipelines, conduits, cables, manholes, etc., 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.
- 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.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- Smooth riding connections shall be constructed at all limits of construction, including the beginning and end of project, connecting approaches, and side streets as shown on Sheet 18 and/or as directed by the Engineer.
- Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
- Contractor shall provide for access to and from all existing side streets and driveways at all times.
- All saw cutting work shall be considered incidental to various contract items.
- A working table of 12" Aggregate Subbase shall be required if the soil conditions warrant its use or as directed by the Engineer. This work shall be considered incidental to the Roadway Excavation.

- All necessary permits for work within the jurisdiction of the City and County of Honolulu shall be obtained by the Contractor at his own cost.
- The removal and disposal of debris and rubble found on the project shall be incidental to Clearing and Grubbing.
- When work requires excavating within 10 feet of existing utility poles and/or their anchor system, the Contractor shall take all precautions to prevent damage or leaning of the poles. See HECO notes on electrical drawings for further instructions.

Public Health, Safety & Convenience Notes:  
(For Construction in City R/W)

- The Contractor's attention is directed to Chapter 44b Public Health Regulations Department of Health, State of Hawaii "Community Noise Control for Oahu" in which maximum allowable noise levels have been set. If the construction activities for the project will exceed the allowable noise levels, the Contractor will be required to obtain a permit from the director of the Department of Public Health. The Contractor shall obtain a copy of Chapter 44b and become familiar with the noise level restrictions and the procedures for obtaining a permit for construction activities.

ADAAG General Note:

- Provide 36" minimum clear width and 80" minimum clear head room on sidewalks at all times.

LEGEND

- Existing Electrical Line
- E— New Electrical Line
- *jp* Existing Joint Pole
- *pp* Existing Power Pole
- *emh* Existing Electric Manhole
- *PP* New Utility Pole
- *EMH* Adjusted Elec. MH Frame/Cover
- *EMH* New Electric Manhole
- *t* — Existing Telephone Line
- *T* — New Telephone Line
- *tp* Existing Telephone Pole
- *tmh* Existing Telephone Manhole
- *TMH* Adjusted Tele. MH Frame/Cover
- *TMH* New Telephone Manhole
- *sc* — Existing Signal Corps Line
- *SC* — New Signal Corps Line
- *tv* — Existing TV Cable
- *TV* — New TV Cable
- *w-12* — Existing 12" Water Line
- *W-12* — New 12" Water Line
- *wmh* Existing Water Manhole
- *WMH* Adjusted Water MH Frame/Cover
- *WMH* New Water Manhole
- *av* Existing Water Air Valve
- *AV* Adjusted Water Air Valve
- *AV* New Water Air Valve
- *wv* Existing Water Valve Box
- *WV* Adjusted Water Valve Box
- *WV* New Water Valve Box
- *wm* Existing Water Meter
- *WM* Adjusted Water Meter
- *WM* New Water Meter
- *fh* Existing Fire Hydrant
- *FH* New Fire Hydrant
- *s-12* — Existing Sewer Line
- *S-12* — New 12" Sewer Line
- *smh* Existing Sewer Manhole
- *SMH* Adjusted Sewer MH Frame/Cover
- *SMH* New Sewer Manhole
- *g-6* — Existing 6" Gas Line
- *G-6* — New 6" Gas Line
- *gv* Existing Gas Valve Box
- *GV* Adjusted Gas Valve Box
- *GV* New Gas Valve Box
- *gmh* Existing Gas Manhole
- *GMH* Adjusted Gas MH Frame/Cover
- *GMH* New Gas Manhole
- *mon* Existing Monument
- *mon* Adjusted Monument
- *MON* New Monument
- *d-24* — Existing 24" Drain Line
- *24" RCP* — New 24" RCP Drain Line
- *sdmh* Existing Storm Drain Manhole
- *SDMH* Adjusted Storm Drain MH Frame/Cover
- *SDMH* New Storm Drain Manhole
- *gdi* Existing Grated Drop Inlet
- *cb* Existing Catch Basin
- ⊥ Existing Traffic Sign
- Existing Highway Lighting Standard
- Limits of Grading

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	3	193

Barry K. Murawski

Licensed Professional Engineer

No. 8418-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Expiration Date of the License: 04/30/04

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

PUULOA ROAD IMPROVEMENTS

Kamehameha Hwy. to Salt Lake Blvd.

Federal Aid Project No. STP-7310(1)

Scale: As shown

Date: May 2003

SHEET NO. 3 OF 193 SHEETS

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