

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-02-10M	2010	3	12

GENERAL NOTES

- The scope of work for this project consists of subsoil tilling, rototilling, installing landscaping and installing a temporary irrigation system.
- The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts, which requires him to perform work 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: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; and Section 645 - Work Zone 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 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 the placement of sign posts, traffic signal conduits, etc. may affect 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.
- The Contractor shall notify, the Oahu Transit Services, Lowell Tom (848-4578) or Ed Sniffen (848-4571), two (2) weeks prior to construction, informing them of location, scope of work, and closure of Name of Highway and/or traffic lanes and dates of closure. (For Oahu projects only. For other islands, check with your local bus company.)
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
- The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
- Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow.
- Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, walkways and driveways as shown on the plans and/or as directed by the Engineer.
- The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to the various contract items and will not be paid for separately.

- No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designed in writing and approved by the Engineer. If use of location is approved by the engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the Oahu District Office at telephone no. 831-6712.

JOINT TRUNKING SYSTEM (JTS) :

- Typical depth of JTS cabling is between 18" - 48"
- Cable is a typically direct buried cable with portions of the cable in conduit near the maintenance hole connections.
- Conduit composition may contain asbestos and may require additional precautions to repair (if damaged) or relocation of pathway.
- Cable is typically tape armored wrapped and paperwrapped.
- Any cable damaged shall be repaired by a telecommunication contractor familiar with the cable composition/type. Testing to ensure continuity is required.
- Upon excavation, should the project exposed unidentified communication cable, please contact 30th Signal Battalion, ATTN: Dale Hironaka (808) 656-3514
- Any JTS cable (if it conflicts with installed facility) may be required to be relocated if other utilities cannot work around the JTS current elevation.
- Any cut paperwrapped cable should be protected from the elements (i.e. water) and wrapped with a material which will repel moisture/water to prevent additional damage to the cablings. Contact 30th Signal Battalion immediately.
- Advise the contractor to submit an excavation permit with the Department of the Army prior to commencement of work. Contact Mr. Marion Robinson, (808) 656-1765 or budd.robinson@us.army.mil

LEGEND

—e—	Existing Electrical Line
○ _{fp}	Existing Joint Pole
○ _{pp}	Existing Power Pole
○ _{emh}	Existing Electric Manhole
—t—	Existing Telephone Line
○ _{tp}	Existing Telephone Pole
○ _{tmh}	Existing Telephone Manhole
—ac—	Existing Signal Corps Line
—tv—	Existing TV Cable
—s.l.c.—	Existing Sandwich Isles Communication Line
—w-12—	Existing 12" Water Line
○ _{wmh}	Existing Water Manhole
○ _{av}	Existing Water Air Valve
○ _{wv}	Existing Water Valve Box
□ _{wm}	Existing Water Meter
○ _{fh}	Existing Fire Hydrant
—s-12—	Existing Sewer Line
○ _{smh}	Existing Sewer Manhole
—g-6—	Existing 6" Gas Line
○ _{gv}	Existing Gas Valve Box
○ _{gmh}	Existing Gas Manhole
○ _{mon.}	Existing Monument
---d-24---	Existing 24" Drain Line
○ _{sdmh}	Existing Storm Drain Manhole
□ _{gdi}	Existing Grated Drop Inlet
□ _{cb}	Existing Catch Basin
□ _{sign}	Existing Traffic Sign
○ _{hl}	Existing Highway Lighting Standard
□ _{hlpb}	Existing Highway Lighting Pullbox
○ _{tsp}	Existing Traffic Signal Pole
□ _{tspb}	Existing Traffic Signal Pullbox
□ _{mg}	Existing Metal Guardrail

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
002/mark	
N. Kain	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES AND LEGEND	
FARRINGTON HIGHWAY MEDIAN IMPROVEMENTS	
Milepost 3.50 to Milepost 4.36	
Project No. 93A-02-10M	
Scale: N.T.S.	Date: April, 2010
SHEET No. 1 OF 1 SHEETS	