

GENERAL NOTES

1. The Existence And Location Of Underground Utilities And Structures As Shown On The Plans Are From The Latest Available Data But Are Not Guaranteed As To Accuracy, Or That Other Obstacles May Not Be Encountered During The Course Of The Work. The Contractor Shall Exercise Extreme Caution When The Construction Is In Close Proximity Of Underground Utility Facilities. The Contractor Shall Be Responsible And Shall Pay For All Damages To The Existing Utilities.

Telephone/ Contractor To Obtain Excavation Clearance 3 Working Days Prior To
Catv Lines: Any Excavation Work. Use Extreme Caution During Excavation.

Water Lines: Contractor To Call Board Of Water Supply, City And County Of Honolulu For Field Locations Of Water Mains And Appurtenances A Minimum Of 48 Hours Before Starting Project Excavation.

Sewer Lines: Contractor To Call Division Of Sewers, City And County Of Honolulu For Field Locations Of Sewer Lines And Laterals A Minimum Of 48 Hours Before Starting Project Excavation.

2. The Minimum Clearance Between Fire Hydrants And Utility Poles Or Light Standards Shall Be 3'-0".

3. The Contractor Shall Trim Or Remove All Trees, Shrubs, Bushes, etc. Encroaching Upon The Newly Installed Highway Lighting Standards. Foliage Shall Be Trimmed So As Not To Interfere With The Luminaire's Light Distribution Pattern.

HECO NOTES

1. Compliance With DOSH:
The Contractor Shall Comply With The State Of Hawaii's Occupational Safety And Health Law (DOSH)

2. Excavation Permit:
The Contractor Shall Obtain An Excavation Permit From HECO's Mapping And Records Division Located At 820 Ward Avenue, 4th Floor, Two Weeks Prior To Starting Construction. Please Refer To Request Number At Such Time.

3. Underground Lines:
For Verification Of Underground Lines Or For Assistance In Supporting And Protecting These Lines, The Contractor Shall Call HECO's Underground Division At 543-7345 A Minimum Of 72 Hours In Advance.

4. Excavations:
When Trench Excavation Is Adjacent To Or Beneath HECO Existing Structures Or Facilities, The Contractor Is Responsible For:

- a) Sheeting And Bracing The Excavation To Prevent Slides, Cave-ins, And Settlements.
- b) Protecting Existing Structures Or Facilities With Beams, Struts, Or Under-Pinnings.

5. Pole Bracing:
For Pole Bracing Instructions, The Contractor Shall Call The HECO District Superintendent At (Koolau 261-6084, Waiiau 543-4223, Ward 543-7745) A Minimum Of 72 Hours In Advance.

6. Relocation Of HECO Facilities:
Any Work Required To Relocate HECO Facilities Shall Be Done By HECO And The Contractor Shall Be Responsible For All Coordination, And For Possible Costs If Applicable.

HAWAIIAN TELEPHONE GENERAL CONSTRUCTION/DESIGN NOTES

1. The Contractor Shall Procure And Pay For All Licenses And Permits And Shall Give All Notices Necessary And Incident To The Due And Lawful Prosecution Of The Work.

2. The Contractor Shall Obtain An Excavation Permit And Toning Request From GTE Hawaiian Telephone Company's Excavation Permit Section, Located At 3239 Ualena Street, Third Floor, Two Weeks Prior To The Start Of Construction. Hours Of Business Are 7:00 a.m. To 10:45 a.m. And 11:30 a.m. To 2:45 p.m. Monday Through Friday Except Holidays.

3. Prior To The Excavation Of The Ductline, The Contractor Shall Request The GTE Hawaiian Telephone Company To Locate Existing Ductline Wherever Required. For Underground Cable Locating And Marking, Five (5) Working Days Advance Notice Is Required. Three (3) Working Days Advance Notice Is Required For Any Inspection By A Designated Representative.

4. The Locations Of Existing Utilities Are Approximate Only. The Contractor Shall Exercise Extreme Caution And Shall Maintain Proper Clearances Whenever Construction Crosses Or Is In Close Proximity Of GTE Hawaiian Telephone Company Facilities. The Contractor Shall Verify Their Locations And Shall Be Liable For Any Damages To GTE Hawaiian Telephone Company Facilities. Any Damages Shall Be Reported Immediately To GTE Hawaiian Telephone Company's Repair Section At #611 (24 hours) Or To The Excavation Permit Section At 840-1444 (Normal Working Hours, Monday Through Friday, Except Holidays). As A Result Of His Operations, Adjustments To The New Ductline Alignment, If Required Shall Be Made To Provide The Required Clearances.

5. The Contractor Shall Take Necessary Precaution Not To Damage Existing Cables Or Ducts. A GTE Hawaiian Telephone Inspector Or Designated Representative Is Required To Be At Any Job Site Whenever There Will Be A Breakage Into Or Entry Into Any Structure That Contain GTE Hawaiian Telephone Facilities. Temporary Cable And Duct Supports Shall Be Provided Wherever Necessary.

6. The Contractor Shall Notify GTE Hawaiian Telephone Company's Inspector Or Designated Representative A Minimum Of 72 Hours Prior To Excavation, Bracing, Or Backfilling Of GTE Hawaiian Telephone Company's Structures Or Facilities.

7. All Applicable Construction Work Shall Be Done In Accordance With The "GTE Hawaiian Telephone Company Standard Specifications For Placing Underground Telephone Systems" Dated March 1999. All Subsequent Amendments And Additions, And All Other Pertinent Standards For Telephone Construction. Contractor Shall Familiarize His Personnel By Obtaining Applicable Specifications.

8. When Excavation Is Adjacent To Or Beneath GTE Hawaiian Telephone Company's Existing Structures Or Facilities, The Contractor Shall:

- a) Sheet And/Or Brace The Excavation To Prevent Slides, Cave-Ins, Or Settlements To Ensure No Movement To GTE Hawaiian Telephone Company's Structures Or Facilities.
- b) Protect Existing Structures And/Or Facilities With Beams, Struts, Or Underpinning While Excavating Beneath Them To Ensure No Movement To GTE Hawaiian Telephone Company's Structures Or Facilities.

9. The Contractor Shall Brace All Poles Or Light Standards Near The New Ductline, Manhole, Or Handhole During His Operations.

10. The Contractor Shall Saw-Cut A.C. Pavement And Concrete Gutter Wherever New Manholes, Handholes, Or Ductlines Are To Be Placed And Shall Restore To Existing Condition Or Better.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(5)	2000	58	83

HAWAIIAN TELEPHONE GENERAL CONSTRUCTION/DESIGN NOTES (Cont'd)

11. Existing Direct Buried Communications Cable (Army Signal Corps JTS Cable Or GTE Hawaiian Telephone Company Cable) To Remain. Arrange With GTE HTCO To Tone Cables Before Initiation Of Work, Arrange For Toning Of Cables By HTCO A Minimum Of 8 Weeks Before Scheduled Initiation Of Work. Where Road Resurfacing Work Excavation Will Be Greater Than 12-Inches, Notify GTE HTCO A Minimum Of Four (4) Weeks Before Initiating Work. Protect Existing Cables From Physical Damage During Road Work, Including Compaction Of Base And Sub-Base Course Work. Notify GTE HTCO Immediate Upon Discovery Of Damage To Communications Cables. Major Crossings are Located at the Intersections of Ft. Weaver Rd. and Arizona/Renton Rd., and also at Ft. Weaver Rd. and Geiger/Iroquios Pt. Rd. However, Caution Must be Taken at All Intersections.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
NOTE BOOK	No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

C. Kim

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL ELECTRICAL AND UTILITY NOTES	
FORT WEAVER ROAD RESURFACING	
N. of Lualunui St. to the Vicinity of Hanakahi St.	
F. A. Project No. STP-076-1(5)	
Scale: None	Date: July, 1999
SHEET No. 1 OF 1 SHEETS	