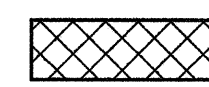
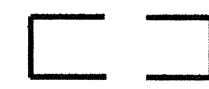
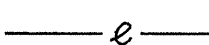





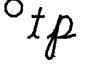

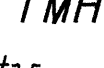




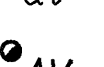
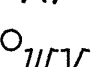

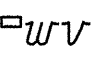





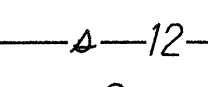
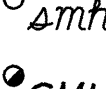



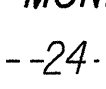
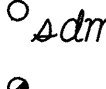
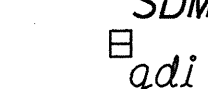
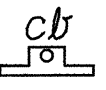
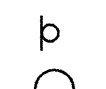
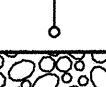

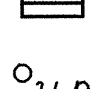
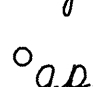







GENERAL NOTES

1. The project consists of construction of a right turn lane along Kaumualii Highway; intersection improvements at Kipu Road; reconstruction of portions of Hulemalu Road, Puhi Road and Halehaka Road; and repairing root damage to a portion of Hulemalu Road.
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. 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. 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 be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
6. The exact locations and limits or areas to be filled with leveling course, reconstructed, and cold planed shall be determined in the field by the Engineer.
7. Traffic control requirements shall be as outlined below:
- a) Kaumualii Hwy, Kipu Road, Puhi Road and the root repair section of Hulemalu Road - All lanes shall remain open to traffic at all times
- b) Hulemalu Road and Halehaka Road reconstructions - Roads may be closed to traffic at the contractors convenience except for plantation operations. Contractor shall coordinate work with L.P. Co.
8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
9. The Contractor shall remove and dispose of all existing raised pavement markers prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. V and will not be paid for separately.
10. Smooth riding connections shall be constructed at all limits of work including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans and/or as directed by the Engineer.
11. Dressing of shoulder, sidewalk and bus turnout 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.

12. Existing drainage and irrigation systems shall remain functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items. Contractor shall coordinate work with L.P. Co.; call Angel Madrid at 245-7325.
13. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
14. The contractor shall provide for access to and from all existing side streets and cane roads at all times.
15. All saw cutting work shall be considered incidental to the various contract items.
16. Prior to construction operations, the Contractor shall be responsible for locating, preserving and marking all facilities that will require adjustments to the new finished pavement grade.
17. Surplus excavation material may be stock piled on plantation lands. Coordinate with L.P. Co.
18. All graded areas adjacent to Kaumualii Hwy. shall be Hydro-Mulch seeded.

LEGEND

-  Cold Planing Areas
-  Resurfacing Limits
-  Existing Electrical Line
-  Existing Joint Pole
-  Existing Power Pole
-  Existing Electric Manhole
-  Adjust Elec. MH Frame/Cover
-  Existing Telephone Line
-  Existing Telephone Pole
-  Existing Telephone Manhole
-  Adjust Tele. MH Frame/Cover
-  Existing TV Cable
-  Existing 12" Water Line
-  Existing Water Manhole
-  Adjust Water MH Frame/Cover
-  Existing Water Air Valve
-  Adjust Water Air Valve
-  Existing Water Valve Box
-  Adjust Water Valve Box
-  Existing Water Meter
-  Adjust Water Meter
-  New Water Meter
-  Existing Fire Hydrant
-  Adjust subdrain cleanup
-  Existing Sewer Line
-  Existing Sewer Manhole
-  Adjust Sewer MH Frame/Cover
-  Adjust Sewer Valve Box
-  Existing Monument
-  Adjust Monument
-  New Monument
-  Existing 24" Drain Line
-  Existing Storm Drain Manhole
-  Adjust Storm Drain MH Frame/Cover
-  Existing Grated Drop Inlet
-  Existing Catch Basin
-  Existing Traffic Sign
-  Existing Highway Lighting Standard
-  Existing CRM Wall
-  Adjust Utility Box
-  Adjust Grated Drop Inlet
-  Existing Utility Pole
-  Existing Guy Pole

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
16-26ary	DESIGNED BY	
16-26ary	CHECKED BY	
16-26ary		

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL NOTES & LEGEND**

KAUMUALII HIGHWAY  
PUHI TEMPORARY BYPASS ROAD  
Project No. HWY-K-03-96

Date: Jan, 1996

SHEET No. 1 OF 1 SHEETS