GENERAL NOTES

- The project includes excavating; demolishing and removing existing drainage structures; removing existing trees and chain link fence; backfilling; constructing concrete channel and transition; restoring asphalt concrete pavement structure; and installing chain link fence.
- 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.
- 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.
- 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. Contractor shall provide for access to and from all existing side streets and/or driveways at all times.
- Where pedestrian walkways exist, they shall be maintained in passable condition or other facilities for pedestrians shall be provided. Passage between walkways at intersections shall likewise be provided.
- During working hours, the Contractor shall provide for through traffic. During non-working hours, all trenches shall be covered with a safe non-skid bridging material and all lanes shall be open to traffic.
- All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
- 10. All existing speed limit signs covered during the lane closure period shall be uncovered upon the removal of the lane closure including construction warning/regulatory signs.
- Refer to Standard Plans for additional details and notes not covered by details and typical drawings.
- °*j₽ Exist. Joint Pole* -d-24- Exist. 24" Drain Line 12. All items noted incidental will not be paid for separately. o Admh Exist. Storm Drain Manhole opp Exist. Power Pole □ gdi Exist. Grated Drop Inlet • emh Exist. Electric Manhole 13. The Contractor shall verify the locations of all existing utility lines Exist. Catch Basin _____cb and notify their respective owner before commencing with any work. -w-12- Exist. 12" Water Line ©_{mon}. Exist. Monument owmh Exist. Water Manhole 14. The Contractor shall verify all grades and dimensions in the field Exist. Traffic Sign Wtih 1 Post owv Exist. Water Valve Box before commencing with any work. □ topb Exist. Traffic Signal Pull Box □wm Exist. Water Meter 15. The Contractor shall be solely responsible for the protection of • tap Exist. Traffic Signal Pole Exist. Water Meter to be Adjusted ⊠ WM adjacent property, utilities and existing and new structures from Exist. Highway Lighting Standard Exist. Water Air Valve oav damage due to construction. Repairing any damage shall be at the - a - i2 - Exist. Sewer Line Contractor's own expense, to the satisfaction of the Engineer. He - *fh* Exist. Fire Hydrant shall conduct his work in such a manner and provide such temporary o Amh Exist. Sewer Manhole

- shoring or other measures as may be necessary to insure the safety of all concerned and to protect existing structures.



DH3 - Hydraulic Design Section

- 16. The Baseline Stationing for the project begins at the face of the existing 96-inch CMP concrete headwall and is arbitrarily designated as # 4+00. The Baseline Stationing decreases in the downstream direction and is aligned parallel to and five feet offset from the existing south-side channel wall.
- 17. Removal and restoration of existing A.C. Pavement shown in the Plans are only approximate. The Engineer shall determine the exact limits in the field.
- 18. The Contractor shall coordinate with the Engineer to replace the existing safety barricades with Type II Barricades with Lamp prior to the start of construction. Type II Barricades with Lamp shall also be utilized where existing chain link fence is removed as shown on Sht. No. H1 & H2. Barricades shall be spaced a minimum of 10' apart. This item shall be considered incidental to Item No. 645.2000 - Additional Police Officers and/or Additional Traffic Control Devices.
- 19. The Contractor shall clear and grub, backfill, and recompact ground prior to constructing 4" concrete slab. Roll roofing paper shall be used to separate the slab from the existing concrete curb and existing concrete pier. The cost shall be considered incidental to Item No. 503.7000 - Concrete for Channel Repair.

DRAINAGE NOTES

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various Contract items.
- 2. The Contractor shall verify the locations of all existing drainage structures and utilities in the field. Any existing drainage structures and utilities damaged during construction shall be repaired or replaced by the Contractor at no cost to the State.
- 3. Unless noted otherwise, chamfer all exposed concrete edges threequarters (3/4) of an inch.
- Structural excavation, backfill, and reinforcing steel shall not be paid for separately, but shall be considered incidental to Item No. 503.7000 -Concrete for Channel Repair.

LEGEND

Demolishing, removing and disposing of existing features shown on the Demolition Plan shall not be measured and shall be paid for on a lump sum basis.

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·	FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

STATE OF HAWAN DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
<u>KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS</u> <u>Vicinity of Waiau Power Plant</u>
Project No. 99E-01-03
Date: Aug. 2003
SHEET No. 1 OF 1 SHEETS
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