GENERAL NOTES

- 1. The project includes excavating; installing bed course material and culverts; constructing drainage structures and gutters; and backfilling.
- The Contractor is reminded of the requirements of Subsection 108.01 Subcontracts, 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.
- 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 Work Zone 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.
- 7. 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.
- 8. All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
- 9. 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.
- 10. Refer to Standard Plans for additional details and notes not covered by details and typical drawings.
- 11. All items noted incidental will not be paid for separately.
- 12. The Contractor shall verify the locations of all existing utility lines and notify their respective owner before commencing with any work.
- 13. The Contractor shall verify all grades and dimensions in the field before commencing with any work.
- 14. The Contractor shall be solely responsible for the protection of adjacent property, utilities and existing and new structures from damage due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer. He shall conduct his work in such a manner and provide such temporary shoring or other measures as may be necessary to insure the safety of all concerned and to protect existing structures.
- 15. Removal and reinstallation of the adjacent guardrail and traffic safety markers to accommodate construction shall be for the Contractor's convenience and shall not be paid for separately. Any rail not replaced at the end of the day shall be shielded by portable barriers. Any rail damaged by the Contractor shall be replaced with new railing at the Contractor's expense.

DRAINAGE NOTES

- 1. 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. Concrete shall be Class A unless otherwise noted.
- 4. Unless noted otherwise, chamfer all exposed concrete edges three-quarters (3/4) of an inch.
- 5. For details of culvert trench and pavement restoration, see Plan Sht. No. 12.

LEGEND

o tp	Exist. Telephone Pole	© _{mon.}	Exist. M
U	Exist. Power Pole	þ	Exist. T

—w—12— Exist. 12" Water Line

○wmh Exist. Water Manhole

owv Exist. Water Valve Box

□wm Exist. Water Meter

■ WM Exist. Water Meter to be Adjusted

oav Exist. Water Air Valve

2

o_{mon.} Exist. Monument • Exist. Traffic Sign Wtih 1 Post

□ tapb Exist. Traffic Signal Pull Box

otap Exist. Traffic Signal Pole

Exist. Highway Lighting Standard

FED. ROAD
DIST. NO.STATEPROJ. NO.FISCAL
YEARSHEET
NO.TOTAL
SHEETSHAWAIIHAW.50B-01-042006313

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

<u>GENERAL NOTES AND LEGEND</u>

KAUMUALII HIGHWAY DRAINAGE IMPROVEMENTS

Vicinity of Mahinauli Bridge

Project No. 50B-01-04

Date: July 2004

SHEET No. 1 OF 2 SHEETS

