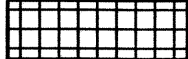
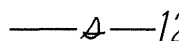


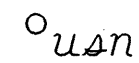
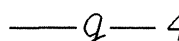

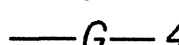
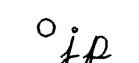

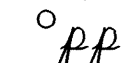

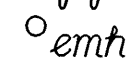

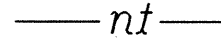



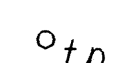

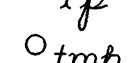







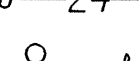

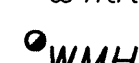

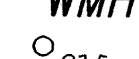

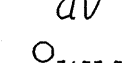

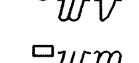

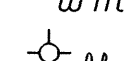

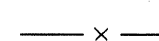








1. The bridges included in this project are Mailliii Stream Bridge, Ulehawa Stream Bridge and Ala Wai Stream Bridge. The scope of work for this project includes removal and disposal of concrete debris, repair of spalled concrete, and traffic control.
2. The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107J3 - Public Convenience and Safety; Subsection 107.2I - Contractor's Responsibility For Utility Property And Services; and Section 645 -Traffic Control.
3. 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. Encountering other obstacles during the course of work is possible. The Contractor shall tone for all utility lines before starting any work. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
4. The Contractor shall notify in writing the Fire and Police Department, Ambulance and Oahu Transit Services, seven (7) days prior to any paving operations.
5. Existing drainage system shall be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
6. The Contractor shall provide for access to and from all existing side streets and adjacent properties at all times.
7. All construction signs shall be left in place until all construction items have been completed unless otherwise directed by the Engineer. The Contractor shall obtain prior approval from the Engineer to remove construction signs.
8. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated 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 State Right-Of-Way Branch at telephone no. 692-7332.

1. If construction activity is anticipated to reduce or obstruct the Ala Wai Stream Bridge Navigable Waterway Corridor below, the Contractor shall notify the Engineer and:
 - A. Contact the Ala Wai Harbor Master (Eric Kato, ph# 973-9727) at least two weeks in advance of any temporary disturbance (e.g. lasting several hours, couple of days, etc.);
 - B. Contact the Harbor Master and U.S. Coast Guard Bridge Administration (Steve Matadobra, ph# 541-2319) at least 30 days in advance of any disturbance lasting one week or longer.
2. The work shall be performed such that waterway traffic and navigational clearances are not affected and the navigable depths are not impaired.
3. All flame producing, spark producing, welding, or other hazardous operations shall be halted while vessels are passing through the bridge.
4. Nothing may fall from the bridge or be deposited into the water. If anything is accidentally dropped into the water, immediate action shall be taken to remove it and the waterway shall be cleared to the satisfaction of the Corps of Engineers.
5. If temporary obstructions to navigation such as containment, scaffolding, catch barges or other floating equipment become necessary, or if any temporary obstructions impede passage of vessels transiting under the bridge, the proposal for such obstructions shall be provided to our office at least 30 days in advance, for review and advertising in the Local Notice to Mariner.
6. The Federal Water Pollution Control Act prohibits the discharge of oil based paints, into the navigable waters of the United States. In the event of discharge the responsible party shall immediately take action to halt the discharge and notify the National Response Center, U.S. Coast Guard by calling (800) 424-8802. Failure to report such discharge may result in substantial fines, imprisonment or both. The responsible party will be responsible for clean up costs, if any.
7. The Engineer will consider payment for furnishing, placing, maintaining, and removing advisory and/or warning measures recommended by the aforementioned agencies as included in the bid price of the various contract items.

	Cold Planing Areas		Existing Sewer Line
	Resurfacing Limits		Existing Sewer Manhole
	Existing U.S. Navy Electric Manhole		Existing 4" Gas Line
	Existing Electrical Line		New 4" Gas Line
	Existing Joint Pole		Existing Gas Valve Box
	Existing Power Pole		Existing Gas Manhole
	Existing Electric Manhole		Existing Monument
	Existing U.S. Navy Telephone Line		Adjusted Monument
	Existing Telephone Line		New Monument
	Existing Telephone Pole		Existing Storm Drain Manhole
	Existing Telephone Manhole		Existing Grated Drop Inlet
	Existing Signal Corps Line		Existing Catch Basin
	Existing TV Cable		Existing Traffic Sign With 1 Post
	Existing 24" Water Line		Existing Traffic Sign With 2 Posts
	Existing Water Manhole		Existing Traffic Sign With 3 Posts
	Adjusted Water MH Frame/Cover		Existing Highway Lighting Standard
	Existing Water Air Valve		Existing Single Metal Guardrail
	Existing Water Valve Box		New Single Metal Guardrail
	Existing Water Meter		Existing Double Metal Guardrail
	Existing Fire Hydrant		New Double Metal Guardrail
			Existing Fence
			Existing Traffic Signal Pole
			Existing Traffic Signal Pole
			Existing Traffic Signal Pullbox
			Adjusted Traffic Signal Pullbox
			Existing Utility Pullbox
			New Utility Pullbox

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

ALA MOANA BOULEVARD/FARRINGTON HWY.
Bridge Repairs at Various Locations
Project No. HWY-0-02-03M

Scale: None Date: May, 2008

SHEET No. 1 OF 1 SHEETS