

GENERAL NOTES

1. The scope of work for this project consists of cold planing, paving, reconstruction of weakened pavement areas, removing and installing signs, pavement marking and striping, and loop detectors.
2. The Contractor's attention is directed to the following Sections of the Standard Specifications: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 107.12 - Protection of Persons and Property; and Section 645 - Work Zone Traffic Control.
3. 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.
4. 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.
5. The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St., Hon., HI 96819 (ph. #848-4571) seven (7) days prior to any paving operations.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
7. The Contractor shall remove and dispose of all existing raised pavement markers and traffic tapes prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Superpave Asphalt Concrete Pavement and will not be paid for separately.
8. Smooth riding connections shall be constructed at all limits of resurfacing, 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.
9. 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.
10. Existing drainage system will 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.
11. The contractor shall provide for access to and from all existing side streets at all times.
12. All saw cutting work and related clean-up of slurry shall be considered incidental to Excavation of Weakened Pavement Areas.
13. 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 Oahu District Office at telephone no. 831-6712.

14. Ongoing Board of Water Supply 24-inch water main project is located within the project limits near the electric power plant. In order to avoid conflicts, the inbound lanes shall be resurfaced first and then the outbound lanes. The Contractor shall coordinate all work schedules and lane closures with the Board of Water Supply. Board of Water Supply Engineer: Felix Agraan, ph. #748-5742.

PAVING AROUND MANHOLES:

1. The Contractor shall first lower manholes more than 1 1/2" prior to cold planing. The work shall be considered incidental to the various paving contract items. Upon final paving, the manhole shall be raised and paid under various contract items pertaining to manhole adjustments.
2. The Contractor shall place hot asphalt concrete around manholes and compact properly with a vibrating plate compactor.
3. If a plate compactor is not used, the Contractor shall use a pneumatic roller to roll the area around the manhole.
4. The Contractor shall fog seal or brush emulsion seal on the material placed as backfill on the area around the manhole that was not compacted by the roller. Black sand shall be used to blot out the area if the fog is too heavy.

LEGEND

	Reconstruction Areas		Existing Sewer Line
	Resurfacing Limits		New 12" Sewer Line
	Proposed BWS Paving		Existing Sewer Manhole
	Exception Areas (No Resurfacing)		Adjusted Sewer MH Frame/Cover
	Existing Electrical Line		Existing 6" Gas Line
	New Electrical Line		New 6" Gas Line
	Existing Electrical Overhead Line		Existing Gas Valve Box
	Existing Electrical Pole		Adjusted Gas Valve Box
	Existing Joint Pole		Existing Gas Manhole
	Existing Power Pole		Adjusted Gas MH Frame/Cover
	Existing Electric Manhole		Existing Monument
	Adjusted Elec. MH Frame/Cover		Adjusted Monument
	Existing Telephone Line		Existing 24" Drain Line
	New Telephone Line		New 24" RCP Drain Line
	Existing Telephone Pole		Existing Storm Drain Manhole
	Existing Telephone Manhole		Adjusted Storm Drain MH Frame/Cover
	Adjusted Tele. MH Frame/Cover		Existing Grated Drop Inlet
	Existing Signal Corps Line		Existing Catch Basin
	Abandoned Joint Telephone/Signal Corps Line		Existing Traffic Sign
	New Signal Corps Line		Existing Highway Lighting Standard
	Existing TV Cable		Existing Highway Lighting Pullbox
	New TV Cable		Existing Highway Lighting Conduit
	Existing CATV Pullbox		Existing Traffic Signal Pole
	Adjusted CATV Pullbox		New Traffic Signal Pole
	Existing Communication Pullbox		Existing Traffic Signal Pullbox
	Existing 12" Water Line		Adjusted Traffic Signal Pullbox
	Existing Non-Portable 12" Water Line		Existing Metal Guardrail
	Existing Water Manhole		
	Adjusted Water MH Frame/Cover		
	Existing Water Air Valve		
	Adjusted Water Air Valve		
	Existing Water Valve Box		
	Adjusted Water Valve Box		
	Existing Water Meter		
	Adjusted Water Meter		
	Existing Fire Hydrant		

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	
BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

FARRINGTON HIGHWAY  
Pavement Preventive Maintenance  
Keananolo Bridge to Palailai Interchange  
Project No. 93A-01-06M

Date: March 2010

SHEET No. 1 OF 1 SHEETS