

GENERAL NOTES

1. The scope of work for this project consists of slot saw cutting, concrete removal, slot cleaning and preparation, sealing joints and cracks in slot, placing dowel assembly in slot, mixing and placing backfill material, diamond grinding, pavement cracks repair and installation of pavement markings.
2. 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.
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 exact locations and limits or areas to be dowel retrofitted shall be determined in the field by the Engineer.
6. 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.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
8. 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.
9. The Contractor shall provide for access to and from all existing side streets at all times.
10. All saw cutting work and removal of slurry during saw cutting shall be considered incidental to Dowel Bar Retrofit bid items and shall not be paid for separately.
11. 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.
12. All saw cut/removed concrete and excess materials not needed for this project shall become the property of the Contractor. If disposed of, it shall be in accordance with the Environmental Protection Agency's policies and guidelines. This work shall be considered incidental to the various contract items and will not be paid for separately.
13. The construction work will be done in two phases: The first phase will be on Work Area No. 1, M.P. 2.40 to M.P. 3.46. Once the first phase is completed, work can proceed to the second phase, Work Area No. 2, M.P. 24.90 to M.P. 26.40. All work, e.g. dowel installation, grinding, striping, pavement markings installation, restoration of staging areas shall be completed on the first phase before starting work on the next phase.

14. Areas where there are asphalt concrete patches and concrete patches/spalls will not be done on this project. This work will be done on a future project.
15. Location of existing roadway uncontrolled shrinkage cracks which generally occurs at mid slab is not shown on the plans. Contractor shall inspect, locate, measure and map out all uncontrolled mid slab shrinkage cracks within project limits prior to start of work. The amount of dowel bar retrofit work for uncontrolled mid slab shrinkage cracks will be set at 20 percent of the total quantity of dowel bars retrofit work that is required for the transverse and skewed joints. Retrofit of uncontrolled mid slab shrinkage cracks is included with Dowel Bar Retrofit bid items and shall not be paid for seperately. Longitudinal or other cracks such as that caused by settling etc. are not within the scope of this work and shall not be retrofitted. Contractor shall submit the map of all uncontrolled mid slab shrinkage cracks to the State for review and allow the State 15 working days to determine which cracks to be retrofitted. Map cracks that may affect dowel installation and slabs with three (3) or more pieces with interconnected cracks developing between cracks or joints.
16. The Contractor shall submit safety plan for sand blasting work two (2) weeks prior to start of retrofit work for approval. This work shall be considered incidental to Dowel Bar Retrofit bid items and shall not be paid for separately.
17. The Contractor shall develop and submit a safety and dust control plan to the State for approval prior to construction. The plan shall include a device capable of shielding all debris and dust from entering the adjacent travel lanes. This work shall not be paid for separately but shall be considered incidental to various contract items.

LEGEND

	Possible Staging Areas		Existing Sewer Line
	Reconstruction Areas		New 12" Sewer Line
	Leveling Areas		Existing Sewer Manhole
	Cold Planing Areas		Adjusted Sewer MH Frame/Cover
	Resurfacing Limits		New Sewer Manhole
	Existing Electrical Line		Existing 6" Gas Line
	New Electrical Line		New 6" Gas Line
	Existing Joint Pole		Existing Gas Valve Box
	Existing Power Pole		Adjusted Gas Valve Box
	Existing Electric Manhole		New Gas Valve Box
	Adjusted Elec. MH Frame/Cover		Existing Gas Manhole
	New Electric Manhole		Adjusted Gas MH Frame/Cover
	Existing Telephone Line		New Gas Manhole
	New Telephone Line		Existing Monument
	Existing Telephone Pole		Adjusted Monument
	Existing Telephone Manhole		New Monument
	Adjusted Tele. MH Frame/Cover		Existing 24" Drain Line
	New Telephone Manhole		New 24 " RCP Drain Line
	Existing Signal Corps Line		Existing Storm Drain Manhole
	New Signal Corps Line		Adjusted Storm Drain MH Frame/Cover
	Existing TV Cable		New Storm Drain Manhole
	New TV Cable		Adjusted Storm Drain MH Frame/Cover
	Existing 12" Water Line		New Storm Drain Manhole
	New 12" Water Line		Adjusted Storm Drain MH Frame/Cover
	Existing Water Manhole		New Storm Drain Manhole
	Adjusted Water MH Frame/Cover		Adjusted Storm Drain MH Frame/Cover
	New Water Manhole		New Storm Drain Manhole
	Existing Water Air Valve		Adjusted Storm Drain MH Frame/Cover
	Adjusted Water Air Valve		New Storm Drain Manhole
	New Water Air Valve		Adjusted Storm Drain MH Frame/Cover
	Existing Water Valve Box		New Storm Drain Manhole
	Adjusted Water Valve Box		Adjusted Storm Drain MH Frame/Cover
	New Water Valve Box		New Storm Drain Manhole
	Existing Water Meter		Adjusted Storm Drain MH Frame/Cover
	Adjusted Water Meter		New Storm Drain Manhole
	New Water Meter		Adjusted Storm Drain MH Frame/Cover
	Existing Fire Hydrant		New Storm Drain Manhole
	New Fire Hydrant		Adjusted Storm Drain MH Frame/Cover

ORIGINAL PLAN	SURVEY PLATTED BY	DATE
NOTED BY	DRAWN BY	
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
INCHES	DESIGNED BY	

9/24/09	Revised General Note No.1
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
INTERSTATE ROUTE H-1 CONCRETE PAVEMENT PRESERVATION (DOWEL RETROFIT)
M.P. 2.40 to M.P. 3.46 and M.P. 24.90 to 26.40
Federal-Aid Project No. ARR-HI-1(262)
Date: Jan., 2009
SHEET No. 1 OF 1 SHEETS