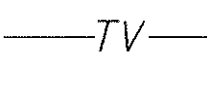


GENERAL NOTES

1. The scope of work for this project consists of installing and/or upgrading the existing guardrails, end terminals, transitions, bridge endposts and crash attenuators; drainage improvements; reconstructing and paving of shoulders; and installing retaining wall; replacing emergency telephones and relocating traffic signs.
2. 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.
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 -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.
5. 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. The exact locations and limits or areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer and shall be considered incidental to various contract items.
7. 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.
8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
9. 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 Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
10. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. IV.
11. 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.
12. Dressing of shoulder, 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.
13. 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.

14. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
15. The contractor shall provide for access to and from all existing side streets at all times.
16. All saw cutting work shall be considered incidental to Excavation for Reconstruction of Weakened Pavement Areas.
17. The exact location and limits of guardrail improvements shall be determined in the field by the Engineer.
18. All existing usable attenuator parts and sand barrels shall be removed and delivered to Oahu District Baseyard. All unusable materials shall be disposed of according to the contract. Payment for removal, delivery and disposal shall be considered incidental to various Crash Attenuator pay items.

LEGEND

	Leveling Areas		Existing Sewer Line
	Resurfacing Limits		New 12" Sewer Line
	Existing Electrical Line		Existing Sewer Manhole
	New Electrical Line		Adjusted Sewer MH Frame/Cover
	Existing Joint Pole		New Sewer Manhole
	Existing Power Pole		Existing 6" Gas Line
	Existing Electric Manhole		New 6" Gas Line
	Adjusted Elec. MH Frame/Cover		Existing Gas Valve Box
	New Electric Manhole		Adjusted Gas Valve Box
	Existing Telephone Line		New Gas Valve Box
	New Telephone Line		Existing Gas Manhole
	Existing Telephone Pole		Adjusted Gas MH Frame/Cover
	Existing Telephone Manhole		New Gas Manhole
	Adjusted Tele. MH Frame/Cover		Existing Monument
	New Telephone Manhole		Adjusted Monument
	Existing Signal Corps Line		New Monument
	New Signal Corps Line		Existing 24" Drain Line
	Existing TV Cable		New 24 " RCP Drain Line
	New TV Cable		Existing Storm Drain Manhole
	Existing 12" Water Line		Adjusted Storm Drain MH Frame/Cover
	New 12" Water Line		New Storm Drain Manhole
	Existing Water Manhole		Existing Grated Drop Inlet
	Adjusted Water Manhole Frame/Cover		Existing Catch Basin
	Existing Water Air Valve		Existing Traffic Sign
	Adjusted Water Air Valve		Existing Highway Lighting Standard
	New Water Air Valve		
	Existing Water Valve Box		
	Adjusted Water Valve Box		
	New Water Valve Box		
	Existing Water Meter		
	Adjusted Water Meter		
	New Water Meter		
	Existing Fire Hydrant		
	New Fire Hydrant		

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BOOK	DRAWN BY	
NOTED BOOK	DESIGNED BY	
NOTED BOOK	CHECKED BY	
NOTED BOOK	CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

INTERSTATE ROUTE H-1  
GUARDRAIL AND SHOULDER IMPROVEMENTS  
AIRPORT INTERCHANGE TO MIDDLE STREET

FEDERAL AID PROJECT NO. 1M-HI-K(240)

Date: Dec., 2002

SHEET No. 1 OF 1 SHEETS