

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-05M	2010	ADD.3	18

- The scope of work for this project includes cold planing, resurfacing, reconstructing existing pavement, removing asphalt concrete from existing gutters, replacing bridge joints, planting shrubs and trees, installing erosion control mat and installing signs and pavement markings.
- 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 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 105.09 - Coordination Between the Contractors; 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.
- 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.
- The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St. Hon HI, 96819 (phone * 848-4571), two (2) weeks prior to construction, informing them of location, scope of work, and closure of Name of Highway and/or traffic lanes and dates of closure. The Contractor shall provide and maintain for normal bus operation.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
- The Contractor shall obtain a Community Noise permit from the State Department of Health, Noise and Radiation Branch, 591 Ala Moana Blvd., Room 136, Honolulu, HI 96813-2498; Telephone No. 586-4700. This shall be considered incidental to the various contract items and will not be paid for separately.
- The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
- Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items and will not be paid for separately.
- Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, walkways and driveways as shown on the plans and/or as directed by the Engineer.

- The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to various contract items and will not be paid for separately.
- Removal and disposal of existing curb and gutter, curb, sidewalk and asphalt concrete pavement, curb, sidewalk and any debris shall be considered incidental to their respective bid items.
- All saw cutting work shall be considered incidental to Various Contract Items or their respective bid items.
- △ 15. The top of the Plant Mix Glassphalt Concrete Base Course prior to placement of the new H.M.A. Pavement, Mix No. IV shall comply with the ten-foot straight edge requirement. The variation of the surface from a straight edge with two contacts with the surface, shall not exceed 3/16."
- The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks and ADA access routes, and side streets and cross streets at all times.
- The Contractor shall provide and maintain a passable pedestrian-safe and easily accessible route. Accessible routes to comply with ADAAG 4.3.1. The Engineer shall consider the cost for furnishing equipment, tools, labor, materials, and incidentals necessary to complete the work as included in the contract price of various contract items.
- △ 18. The Contractor shall remove and dispose of all existing raised pavement markers, thermoplastic line markings, traffic tapes, and epoxy adhesives. This work shall be considered incidental to H.M.A. Pavement, Mix No. IV and will not be paid for separately.
- No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designed 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.
- △ 20. Prior to placement of erosion control mat, fill erosion rills with soil and tamp into place with a hoptoe bucket.
- The Contractor shall anchor Erosion Control Mat at the top of the slope. Anchor trench shall be 18 inches deep and 6 inches wide, located 2 feet laterally from the top of slope on flat surface.
- All work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to various contract items and shall not be paid for separately.
- △ 23. The contractor shall submit Traffic Control Plans to be approved by Engineer at least two weeks prior to construction. The contractor shall be allowed to detour traffic from Moanalua Freeway, as approved by Engineer. One outbound lane shall remain open at all times to allow vehicles to access Moanalua Road.

- △ 24. The contractor shall not cold plane closer than 1/2" from concrete on Aiea Interchange Structure No. 2. The Contractor shall verify existing asphalt concrete thickness on bridge.
- △ 25. The contractor shall remove existing A.C. Pavement from concrete gutters. Work to be paid for under Item No. 202.0400 Removal of Existing A.C. Pavement. Any damage to the existing concrete gutter due to the removal of existing A.C. Pavement will be considered incidental to Item No. 202.0400 Removal of Existing A.C. Pavement.


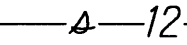
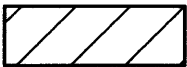


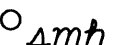
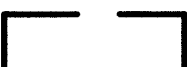



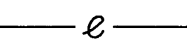
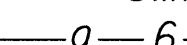
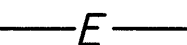
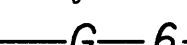


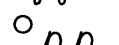

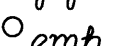
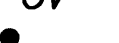


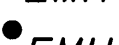
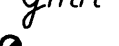
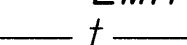

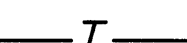


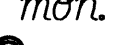
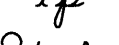

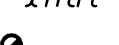


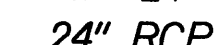
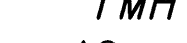





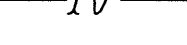

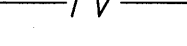
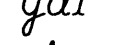
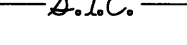
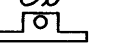

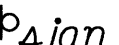
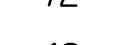
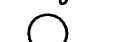
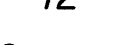
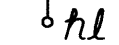
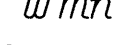





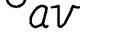





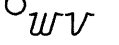





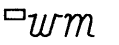

6/23/10	△ Revised General Notes No. 15, 18 and 20. Added Notes 23, 24 and 25.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES AND LEGEND	
MOANALUA FREEWAY RESURFACING	
Mile Post 0.00 to Mile Post 0.74	
Project No. HWY-0-05-05M	
Date: April, 2010	
SHEET No. 1 OF 2 SHEETS	

ADD.3

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-05M	2010	4	18

LEGEND

	Reconstruction Areas		Existing Sewer Line
	Leveling Areas		New 12" Sewer Line
	Cold Planing Areas		Existing Sewer Manhole
	Resurfacing Limits		Adjusted Sewer MH Frame/Cover
	Landscaping Areas		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		Existing Grated Drop Inlet
	Existing Sandwich Isles Communication Line		Existing Catch Basin
	Existing 12" Water Line		Existing Traffic Sign
	New 12" Water Line		Existing Highway Lighting Standard
	Existing Water Manhole		Existing Highway Lighting Pullbox
	Adjusted Water MH Frame/Cover		Existing Traffic Signal Pole
	New Water Manhole		New Traffic Signal Pole
	Existing Water Air Valve		Existing Traffic Signal Pullbox
	Adjusted Water Air Valve		Adjusted Traffic Signal Pullbox
	New Water Air Valve		New Traffic Signal Pullbox
	Existing Water Valve Box		Existing Metal Guardrail
	Adjusted Water Valve Box		New Metal Guardrail
	New Water Valve Box		Existing Fire Hydrant
	Existing Water Meter		New Fire Hydrant
	Adjusted Water Meter		Cocos nucifera Palm Tree, Straight Trunk
	New Water Meter		Cocos nucifera Palm Tree, Leaning Trunk in Direction of Arrow

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
003.mike	TRACED BY	
N.ama.dgn	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
MOANALUA FREEWAY RESURFACING
Mile Post 0.00 to Mile Post 0.74
Project No. HWY-0-05-05M
Date: April, 2010
SHEET No. 2 OF 2 SHEETS