

GENERAL NOTES

1. The scope of work for this project consists of resurfacing existing pavement, cold planing, reconstructing weakened pavement, adjusting manholes and valve boxes, reconstructing culverts, installing fire hydrant curbs, guardrails and pavement markings.
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 of areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
8. The Contractor shall remove and dispose of all existing raised pavement markers 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
14. The Contractor shall provide for access to and from all existing side streets at all times.

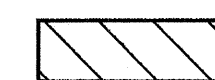


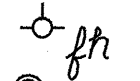
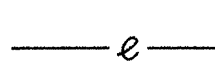

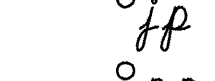

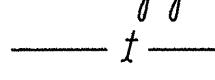
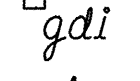
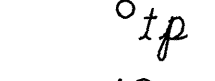

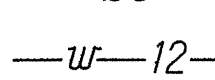
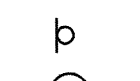
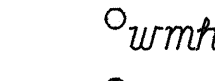





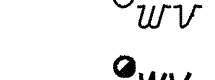
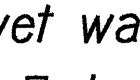
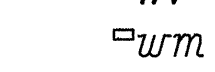
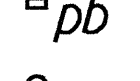



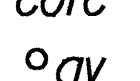

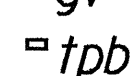


15. All saw cutting work shall be considered incidental to Excavation for Reconstruction of Weakened Pavement Areas.
16. Installation of fire hydrant curb shall be in accordance with provisions in BWS notes and shall be paid for under adjustment of fire hydrant curb.
17. All boulders shall be removed by the Contractor as directed by the Engineer and shall be incidental to the various contract items.
18. The Contractor shall verify locations of all survey monuments and bench marks prior to any excavation or paving operations. The Contractor shall use extreme caution when working over or near existing survey monuments and bench marks. Any survey monuments or bench marks damaged as a result of the Contractor's operations shall be replaced at no cost to the State.
19. A working table of 12" Aggregate Subbase shall be required if the soil condition warrants its use or as directed by the Engineer.
20. In cold planing the pavement over the structure, the Contractor shall exercise care not to damage any portion of the structure, especially the slab, joints, drain pipes or reinforcement. Any damage to the structure during the cold planing operations shall be repaired by the Contractor at his own expense. Repair work shall be as directed by the Engineer. The Contractor shall verify the existing pavement thickness by hand digging at various locations. This work shall be considered incidental to cold planing and will not be paid for separately.

BOARD OF WATER SUPPLY NOTES

1. Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the City and County of Honolulu Board of Water Supply's "WATER SYSTEM STANDARDS" VOLUME 1, DATED 1985, THE "APPROVED MATERIAL LIST AND STANDARD DETAILS FOR WATER SYSTEM CONSTRUCTION", VOLUME 2, DATED 1985, THE "WATER SYSTEM EXTERNAL CORROSION CONTROL STANDARDS", VOLUME 3, DATED 1991, and all subsequent amendments and additions.
2. All plans approved by the Board of Water Supply are based solely on the adequacy of the water supply. All other features of the water system, such as lines, grades, fittings, etc., and drainage and other features of improvements shall not be the responsibility of the Board of Water Supply.
3. The Contractor shall notify the Board of Water Supply, Field Operations Division, in writing, one week prior to commencing work on the water system.
4. The existence and location of underground utilities and structures as shown on the plans are from the latest available data but are not guaranteed as to the accuracy or the encountering of other obstacles during the course of the work. The Contractor shall be responsible and shall pay for all damages to existing utilities.
5. Prior to any excavating, the Contractor shall verify in the field the location of existing water mains and appurtenances.
6. Any adjustments to the existing water system required during construction to meet requirements of Board of Water Supply Standards, whether shown on the plans or not, shall be done by the Contractor at no cost to the Board.

7. The Contractor shall have existing water mains toned before construction of work in vicinity of water mains, call investigation @ 527-5295 for toning servies. Guardrail post locations are to be kept to a minimum clear distance of 18 inches to any water lines 2 1/2" or larger and meter boxes. No post driving will be allowed when post is to be installed closer than 3 feet from water main. Excavated areas shall be restored to their original conditions.
8. Reapproval shall be required if this project is not under construction within a period of two years.

LEGEND

	Reconstruction Areas		Adjusted Water Meter
	Resurfacing Limits		Existing Fire Hydrant
	Existing Electrical Line		Existing Monument
	Existing Joint Pole		Adjusted Monument
	Existing Power Pole		Existing Grated Drop Inlet
	Existing Telephone Line		Existing Catch Basin
	Existing Telephone Pole		Existing Traffic Sign
	Existing Signal Corps Line		Existing Highway Lighting Standard
	Existing 12" Water Line		Exist. Joint Trunking Station
	Existing Water Manhole		Existing Trans Pacific Cable
	Adjusted Water MH Frame/Cover		Existing Wet Wash Cable
	Existing Water Air Valve		Existing Pull Box
	Adjusted Water Air Valve		Existing Water Air Valve
	Existing Water Valve Box		Existing cotc Cable
	Adjusted Water Valve Box		Existing Gas Valve
	Existing Water Meter		Existing Telephone Pull Box

6/10/94 Added General Notes 19 & 20 and Revised Legend.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

FARRINGTON HIGHWAY RESURFACING
Makau St. to Satellite Tracking Station Rd.
Fed. Aid Project No. STP-093-1(12)

Date: March 1994

SHEET No. 1 OF 1 SHEETS