

GENERAL NOTES

1. The project begins on Waiehu Beach Road at the intersection of Kahului Beach Road and Lower Main Street, and stretches to Kahekili Highway at Hoauna Street and includes section of Lower Waiehu Beach Road. Improvements consists of widening, reconstructing, constructing additional turn lane, cold planing and resurfacing existing pavement; adjusting monuments, pull boxes, manhole frame and cover, installing guardrail, signs 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 or areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer.
7. Prior to resurfacing, the existing surface shall be cleaned as described in Section 310 of the Standard Specifications and as amended. Payment shall be considered incidental to various contract items.
8. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
9. 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.
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. V.
11. Cold planed 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. Exact locations shall be determined in the field by the Engineer. Payment for this work shall be considered incidental to Asphalt Concrete Pavement, Mix IV.

12. 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.
13. All saw cutting work shall be considered incidental to various contract items of work.
14. Existing drainage system shall 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.
15. All construction signs shall be left in place until all construction items have been completed. The Contractor shall obtain prior approval from the Engineer to remove construction signs. This work shall not be paid for separately but shall be considered incidental to various contract items.
16. The contractor shall not leave more than 1/2" drop-offs at the edge of pavement at the end of each work day. This includes drop-offs at the centerline and at the other edges of travel lane.
17. Existing guardrail appurtenances and existing signs and posts that will be removed and replaced shall be delivered to the Maui District Baseyard. Payment for removal, storage and delivery shall be considered incidental to various guardrail and regulatory and warning sign pay items.
18. The location of guardrails shown on this plans are approximate. The exact locations shall be determined in the field by the Engineer.
19. Street survey monuments shown on plans shall be verified in the field prior to any resurfacing activity. Monuments that are shown on plans but are missing in the field shall be re-established and re-installed by the Contractor. Payment for this work shall be made under Item No. 613.0300, Adjusting Centerline Survey Monuments.
20. Street survey monuments, traffic signal sensor loops, etc. shall not be disturbed during cold planing and/or pavement reconstruction. Adjustments of these monuments shall be in accordance with applicable details as shown on the Standard Plans.
21. Sign posts shall be square tube posts.
22. Existing striping and markings must be referenced by the Contractor for future use. Installation of pavement markings shall not commence until the layout is approved by the Engineer.
23. Areas containing loop detector cables shall not be cold planed. When it is necessary to cold plane within these areas, the Contractor shall not disturb 18 inches from the lateral limits of the cables. Refer to other General Notes for more information.
24. The Contractor shall provide for access to and from all existing sideroads,driveways and streets at all times.

LEGEND

	Reconstruction Areas		Existing Monument
	Leveling Areas		Adjusted Monument
	Cold Planing Areas		New Monument
	Resurfacing Limits		Existing 24" Drain Line
	Existing Power Pole		New 24 " RCP Drain Line
	Existing Electric Manhole		Existing Storm Drain Manhole
	Adjusted Elec. MH Frame/Cover		Adjusted Storm Drain MH Frame/Cover
	New Electric Manhole		Existing Grated Drop Inlet
	Existing Telephone Line		Existing Catch Basin
	New Telephone Line		Existing Traffic Sign With 1 Post
	Existing Telephone Pole		Existing Traffic Sign With 2 Posts
	Existing Telephone Manhole		Existing Traffic Sign With 3 Posts
	Existing TV Cable		Existing Highway Lighting Standard
	New TV Cable		Existing Single Metal Guardrail
	Existing 12" Water Line		New Single Metal Guardrail
	New 12" Water Line		Existing Fence
	Existing Water Manhole		Traffic Signal Sensor Loop (Existing)
	Adjusted Water MH Frame/Cover		R/W Line
	New Water Manhole		Rumble Strip
	Existing Water Valve Box		
	Adjusted Water Valve Box		
	New Water Valve Box		
	Existing Fire Hydrant		
	Existing Sewer Line		
	New 12" Sewer Line		
	Existing Sewer Manhole		
	Adjusted Sewer MH Frame/Cover		

ORIGINAL PLAN	DATE
DESIGNED BY	4-1-97
DRAWN BY	5-5-97
CHECKED BY	
APPROVED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

WAIEHU BEACH ROAD RESURFACING  
Kahekili Highway to Kahului Beach Road  
Project No. 3400B-01-97M

Date: April 1997

SHEET No. 1 OF 1 SHEETS