
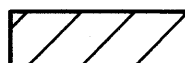

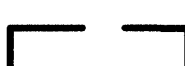

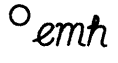


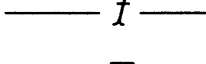
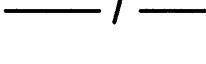
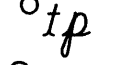
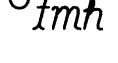
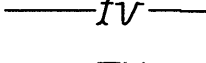
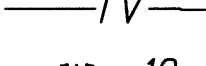
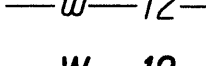
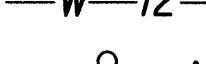



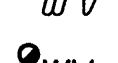

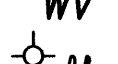
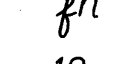
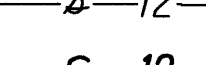

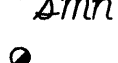






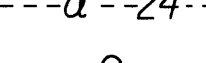
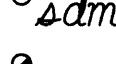


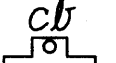
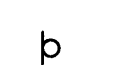
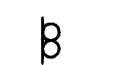
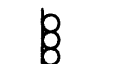

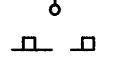

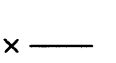

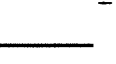
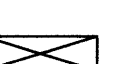
GENERAL NOTES

1. The project includes reconstructing, cold planing and resurfacing existing pavement; adjusting monuments, pull boxes, manhole frame and cover, signs and pavement markings, replacing guardrail end terminal and constructing refuge lane.
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 Hot Mix Asphalt (HMA) Pavement 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 Hot Mix Asphalt (HMA) Pavement.
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 Hot Mix Asphalt (HMA) Pavement.
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 1½" 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. 613.0100, 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.
25. All lanes shall be opened to traffic during the morning peak hours from 6:30 a.m. to 8:30 a.m. during afternoon peak hours from 3:30 p.m. to 6:00 p.m. and off work hours. Only one lane of highway shall be closed at any other time.

LEGEND

-  Reconstruction Areas
-  Leveling Areas
-  Cold Planing Areas
-  Resurfacing Limits
-  Existing Power Pole
-  Existing Electric Manhole
-  Adjusted Elec. MH Frame/Cover
-  New Electric Manhole
-  Existing Telephone Line
-  New Telephone Line
-  Existing Telephone Pole
-  Existing Telephone Manhole
-  Existing TV Cable
-  New TV Cable
-  Existing 12" Water Line
-  New 12" Water Line
-  Existing Water Manhole
-  Adjusted Water MH Frame/Cover
-  New Water Manhole
-  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

-  Existing Monument
-  Adjusted Monument
-  New Monument
-  Existing 24" Drain Line
-  Existing Storm Drain Manhole
-  Adjusted Storm Drain MH Frame/Cover
-  Existing Grated Drop Inlet
-  Existing Catch Basin
-  Existing Traffic Sign With 1 Post
-  Existing Traffic Sign With 2 Posts
-  Existing Traffic Sign With 3 Posts
-  Existing Highway Lighting Standard
-  Existing Single Metal Guardrail
-  New Single Metal Guardrail
-  Existing Fence
-  Traffic Signal Sensor Loop (Existing)
-  R/W Line
-  Rumble Strip

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3400B-01-10M	2010	3	28

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED 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-01-10M

Date: November, 2009

SHEET No. 1 OF 1 SHEETS