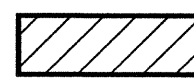
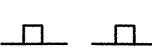

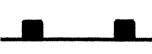
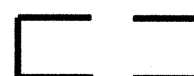

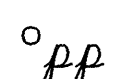
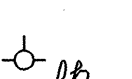

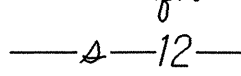

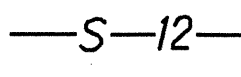
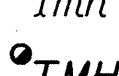
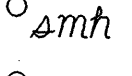
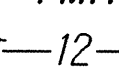

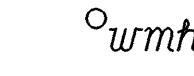



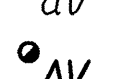

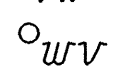


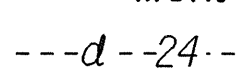

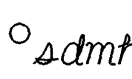
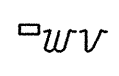


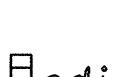
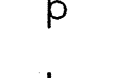






GENERAL NOTES

1. The scope of work for this project includes reconstructing weakened pavement areas, cold planing, resurfacing, removing and installing pavement markers and striping, and dressing of shoulders.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subcontracts, 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.
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 reconstructed and cold planed shall be determined in the field by the Engineer.
7. All work on this project shall be conducted during daytime between 8:30 A.M. and 3:30 P.M. All lanes shall be open to traffic during peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hours from 3:30 P.M. to 6:30 P.M. and during off work hours. Only one lane of highway shall be closed at any other time. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of liquidated damages as specified in Section 108.09 of the Special Provisions.
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. 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.
11. Trimming and dressing of shoulder and sidewalk shall consist of clearing, grubbing, grading and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. Suitable materials shall include materials from roadway excavation, including topsoil and base material therefrom, and if necessary, additional materials from borrow outside the limits of the right of way. Asphalt concrete removed from cold planing and reconstruction shall not be used for dressing of shoulder and sidewalk. Trimming and dressing of shoulder shall not be paid for separately but shall be considered incidental to the various contract items.
12. Earth swale shall be graded to drain. 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 shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.

14. 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. This work shall be considered incidental to the various contract items, and shall not be paid for separately.
15. All saw cutting work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and shall not be paid for separately.
16. After completion of resurfacing, the Contractor shall conduct tests for, and determine ponding areas (i.e. low spots within the resurfaced area). It shall be the responsibility of the Contractor to correct and resurface and/or repair all such ponding areas. The Contractor shall notify the Engineer of the ponding test schedule.
17. All asphalt concrete materials from cold planing operations shall become the property of the Contractor. The Contractor shall remove and dispose of these materials at no cost to the State.
18. Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to the various contract items, and shall not be paid for separately.
19. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated 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 State Right-of-Way Branch at telephone no. 692-7332.
20. Construction sign/work zone speed limit sign assemblies shown on Plan Sht. #12 shall be installed only at the beginning of the project (in the vicinity of M.P. 1.0). Construction sign assemblies at the end of the project (Kaunualii Highway - Halewili Road intersection) shall be installed according to Plan Sht. #10.

LEGEND

| | | | |
|---|---|--|---|
|  | Reconstruction Areas |  | Existing Metal Guardrail |
|  | Cold Planing Areas |  | New Metal Guardrail |
|  | Resurfacing Limits |  | Adjusted and/or Relocated Metal Guardrail |
|  | Existing Power Pole |  | Existing Fire Hydrant |
|  | Existing Electric Manhole |  | Existing Sewer Line |
|  | Adjusted Elec. MH Frame/Cover |  | New 12" Sewer Line |
|  | Existing Telephone Manhole |  | Existing Sewer Manhole |
|  | Adjusted Tel. MH Frame/Cover |  | Adjusted Sewer Manhole Frame/Cover |
|  | Existing 12" Water Line |  | New Sewer Manhole |
|  | Existing Water Manhole |  | Existing Monument |
|  | Adjusted Water MH Frame/Cover |  | Adjusted or Reconstructed Monument |
|  | Existing Water Air Valve |  | New Monument |
|  | Adjusted Water Air Valve |  | Existing 24" Drain Line |
|  | Existing Water Valve Box |  | Existing Storm Drain Manhole |
|  | Adjusted Water Valve Box |  | Adjusted Storm Drain Manhole Frame/Cover |
|  | Water Valve Box Below Exist. A.C. Pavement (to be Adjusted) |  | Existing Grated Drop Inlet |
|  | Existing Water Meter |  | Adjusted Grated Drop Inlet |
|  | Adjusted Water Meter | | |
|  | Existing Traffic Sign | | |
|  | New Traffic Sign | | |

| | |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY | 4/06 |
| TRACED BY | |
| DESIGNED BY | |
| CHECKED BY | |
| ORIGINAL PLAN | |
| NOTE BOOK | |
| TELEPHONE | |
| STATION | |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HALEWILI ROAD

PAVEMENT PREVENTIVE MAINTENANCE

Vicinity of M.P. 1.0 to Kaunualii Highway

Federal-Aid Project No. STP-0540(3)

Date: April 2006

SHEET No. 1 OF 1 SHEETS