

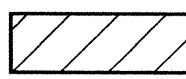
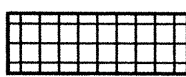






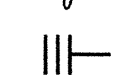





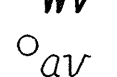
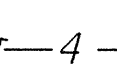
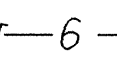
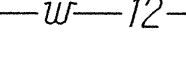

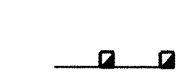
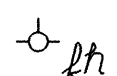
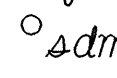
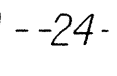






GENERAL NOTES

1. The Project starts on Hana Highway in the vicinity of Haleakala Highway and proceeds east and ends in the vicinity of Hookipa Park. The scope of work for this project consists of reconstructing, cold planing and resurfacing of existing pavement, adjusting water manhole and water valve box frames and covers, installation of pavement markings and signing and upgrading end terminal and adjusting existing guardrail post, reconstructing grated drop inlet, constructing left-turn storage lane, and installing emergency telephone.
2. The Contractor's attention is directed to Sub-Section 104.04 Maintenance of Traffic, 107.13 Public Convenience and Safety, 107.21 Contractors Responsibility for Utility Property and Services, Section 645 Traffic Control of the Standard Specification and the Special Provisions.
3. 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.
4. Saw-cutting of existing pavement shall not be measured or paid for separately but shall be considered incidental to various contract items.
5. Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
7. All construction signs shall be left in place until all construction items have been completed. Contractor shall obtain prior approval from the Engineer to remove construction signs.
8. Smooth riding connections shall be constructed at the beginning and end of the project and at all connecting approaches, side roads and driveways shown on the plans and/or as directed by the Engineer.
9. 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.
10. The Contractor shall not leave more than 1 1/2" drop-off at the edge of pavement, at the end of each work day. Whenever the Contractor leaves a 1 1/2" drop-off, the Contractor shall install delineators and barricades along the edge of the pavement. This work which includes furnishing, installing, cleaning, maintaining correct placement and removing when required, shall be considered incidental to excavation for Reconstruction of Weakened Pavement Areas.
11. 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.
12. The Contractor shall provide for vehicular and pedestrian access to and from all existing side roads, driveways and walkways at all times.
13. 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. 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.

14. 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.
15. Where existing concrete driveways occurs, Contractor shall cold plane existing Asphalt Concrete prior to overlaying A.C. Mix No. IV. This will be paid for under Item No. 652.0100.
16. Resetting or adjusting of existing guardrail post shall include adjustment of terminal sections including foundations etc. to meet required height.
17. Existing drainage system shall be kept 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.
18. Existing facilities and/or pavement to remain which has been damaged by the Contractors shall be restored to its original condition at no cost to the State.
19. No material or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations designated in writing and approved by the Engineer.
20. Tack coat shall be incidental to the various Asphalt Concrete Pavement items.
21. After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal or better than existing condition prior to construction.
22. Pedestrian access during construction shall be accessible per ADAAG 4.1(4) and shall comply with ADAAG 4.3.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36AB-01-04M	2004	3	54

LEGEND

-  Reconstruction Areas
-  Cold Planing Areas
-  Resurfacing Limits
-  Existing Power Pole
-  Existing Edge of Pavement
-  Existing Edge of Shoulder
-  New Edge of Pavement
-  New Edge of Shoulder
-  Existing Telephone Pole
-  RM-3
-  RM-4
-  Existing Traffic Signs
-  New Traffic Signs
-  Chevron Signs
-  Adjusted Water MH Frame & Cover
-  Adjusted Water Valve Box
-  Existing Water Air Valve
-  Existing 4" Water Line
-  Existing 6" Water Line
-  Existing 12" Water Line
-  New Single Metal Guardrail
-  Existing Guardrail
-  Reset Guardrail
-  Existing Fire Hydrant
-  Existing Storm Drain Manhole
-  Existing 24" Drain Line
-  Adjusted Sewer MH Frame/Cover
-  Adjusted Sewer Valve
-  Adjusted Monument

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HANA HIGHWAY RESURFACING
Haleakala Highway to Hookipa Park
Project No. 36AB-01-04M

Date: January, 2004

SHEET No. 1 OF 1 SHEETS