

GENERAL NOTES

1. The scope of work for this project consists of reconstructing weakened pavement areas; resurfacing lanes and shoulders; leveling and improving shoulders; providing an accessible route to existing businesses in Honoumuli Town; adjusting reference monuments and valve boxes; replacing drainage grates; replacing existing signs; and installing new pavement markings and guardrails.
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 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. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
5. 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.
6. 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 the 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.
7. The exact locations and limits or areas to be reconstructed and cold planed shall be determined in the field by the Engineer.
8. Preformed Pavement Marking Tape shall be removed prior to resurfacing. Removal shall be by scraping, grinding or other method approved by the Engineer. Payment shall be incidental to Item No. 401.0400 – Asphalt Concrete Pavement, Mix No. IV.
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 Item No. 401.0400 – 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, side streets and driveways as shown on the plans and/or as directed by the Engineer.
11. 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 the various contract items.
12. Contractor shall provide for access to and from existing side streets and driveways at all times.
13. All saw cutting work shall be considered incidental to Item No. 401.0400 – Concrete Pavement, Mix No. IV and will not be paid for separately.

14. Initial preparation of shoulder areas shall be done by the Contractor. Shoulder preparation shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material from roadway reconstruction as shown on the plans and/or as directed by the Engineer. Contractor shall also be responsible for finish rolling and maintaining the shoulders until project completion. This work shall be considered incidental to Item No. 401.0400 – Asphalt Concrete Pavement, Mix No. IV.
15. Unprotected pavement dropoffs greater than 2" shall not be allowed. Construct temporary transition tapers as required.
16. The Contractor's attention is directed to Section 104 – Scope of Work regarding lane closures. Public Notice is required for lane closures. Contractor shall submit notice to Engineer for approval a minimum of three weeks prior to publication. Pre-approval of notice, with dates left blank, is permissible.
17. Contractor shall mark the backs of all signs using labels and equipment provided by the State. Payment to be incidental to various Contract Items.
18. Cold-planing of 50-ft. transitions at project limits shall be considered incidental to Item No. 401.0400 – Asphalt Concrete Pavement, Mix No. IV.
19. Contractor shall maintain at least one paved shoulder free and clear of debris for pedestrian and bicycle traffic at the end of each work day.
20. The Contractor's attention is called to Section 407 – Tack Coat of the Special Provisions.
21. Temporary striping on cold planed surfaces shall be with paint (tape will not be allowed). Temporary striping on final overlay shall be with temporary tape.
22. The Contractor shall replace all signs, posts and anchors within the project limits.
23. The Contractor shall use caution when working near existing retaining wall under existing buildings.
23. The Contractor shall field verify existing ground elevations to information shown in cross sections.

COUNTY DEPARTMENT OF WATER SUPPLY NOTES

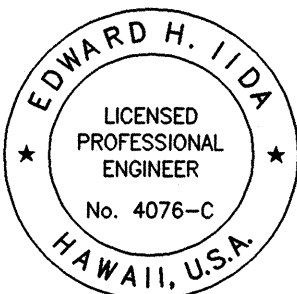
1. All Work shall conform to the Department of Water Supply's (DWS) "Water System Standards", dated 2002, as amended.
2. Contractor's attention is called to DWS Standard Details 3, 9, 13 and 22 which require concrete slabs for valve frames and boxes.
3. All existing waterlines, waterline appurtenances, and other utilities shown on the plans reflect the most recent information made available to this Department. The Contractor shall be responsible for verification of the exact locations of all existing utilities in the field whether shown on the plans or not. The Contractor shall bear all cost for damages done unto the affected utilities.
4. Contractor to call DWS 72 hours prior to starting work for adjusting water valve box frame and cover.

ROAD DIST. NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	220A-01-03M	2003	3	37

LEGEND

- Right-of-Way
- Edge of Shoulder
- Edge of Pavement
- PP Power Pole
- WMH Water Manhole
- WV Water Valve Box
- GDI Grated Drop Inlet
- Traffic Sign With 1 Post
- Traffic Sign With 2 Posts
- PB Elec. Pullbox
- New Single Metal Guardrail
- Adjusted Water MH Frame/Cover
- Adjusted Water Valve Box
- ☑ Adjusted Water Meter
- ⊙ Adjusted Monument

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Edward H. Iida
MITSUNAGA & ASSOCIATES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

AKAKA FALLS ROAD RESURFACING
Hawaii Belt Road to Honoumuli Town
Project No. 220A-01-03M

Scale: As Noted Date: April 2003

SHEET No. 1 OF 1 SHEETS