

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19CD-01-97M	1997	3	39

GENERAL NOTES

1. This project consists of channelizing Queen Kaahumanu and Kawaihae intersection; reconstructing travelway; leveling and resurfacing existing pavement; adjusting and reconstructing survey monuments; adjusting valve boxes and manholes; replacing and installing signs and reflector markers; and installing pavement striping, markings and raised pavement markers.
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. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
8. 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.
9. Existing pavement markings and 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.
10. Smooth riding surfaces shall be constructed at all limits of resurfacing including the beginning and end of project, connecting approaches, side streets and driveways and at the ends of the daily work areas 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 various contract items.

12. The contractor shall provide for access to and from all existing side streets at all times.
13. Contractor shall mark the backs of all signs using labels and equipment provided by the state. Payment to be incidental to various contract items.
14. Edge of paved shoulders shall be dressed to grade. This work shall be considered incidental to Item No.203.0100 Roadway Excavation and Item No.312.0100 Plant Mix Glassphalt Concrete Base Course.
15. During work stoppage and non-working hours, the Contractor shall restore to smooth-riding condition all pavement drop-offs greater than 2" located within 10 feet of the edge of pavement, and shall schedule his work accordingly.
16. All saw cutting work shall be considered incidental to Item No.401.0400 Asphalt Concrete Pavement, Mix No.IV.
17. Cold-planing of 50-foot transitions at the beginning and ending project limits and at bridge approaches, shall be considered incidental to Item No.401.0400 Asphalt Concrete Pavement, Mix No.IV.
18. Contractor shall maintain at least one paved shoulder free and clear of debris for pedestrian and bicycle traffic at all times.
19. Dressing of shoulders with excavated material shall be considered incidental to Item No. 401.0400 Asphalt Concrete Pavement, Mix IV and no separate payment shall be provided.
20. Public Notice is required for lane closures. The Contractor shall submit notice to the Engineer for approval a minimum of three weeks prior to publication. Pre-approval of notice, with dates left blank, is permissible.
21. Unless otherwise noted, the roadway plan stations are the same for Baseline and Centerline.
22. Contractor shall schedule his work around the annual Ironman Triathlon Race activities. All pavement and shoulder areas shall be restored to smooth riding condition, completely cleaned, and pavement striping installed 3 weeks prior to the date of the Ironman Triathlon Race. No construction work within the State Right-of-way shall be permitted during this period which interferes with the preparation and running of the race.

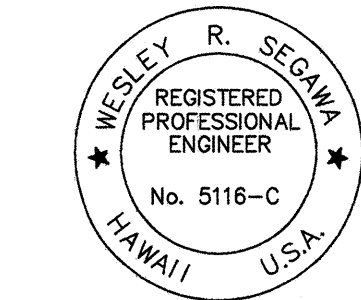
COUNTY DEPARTMENT OF WATER SUPPLY NOTES

1. All work shall conform to the Department of Water Supply's (DWS), "Water System Standards", Volumes I and II, dated 1985, as amended.
2. The 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.

LEGEND:

-  Travelway Reconstruction Area
-  Shoulder Reconstruction
-  Cold Planing Areas
-  Existing Telephone Manhole
-  Adjusted Tele. MH Frame/Cover
-  Existing Power Pole
-  Existing Electric Manhole
-  Adjusted Elec. MH Frame/Cover
-  Existing Water Valve Box
-  Adjusted Water Valve Box
-  Existing Fire Hydrant
-  Adjusted Monument
-  New Monument
-  Adjusted Storm Drain MH Frame/Cover
-  Existing Grated Drop Inlet
-  Traffic Sign
-  Existing Highway Lighting Standard

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



This work was prepared by me or under my supervision.
Wesley R. Segawa
Wesley R. Segawa, P.E.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES AND LEGENDS	
QUEEN KAAHUMANU AND KAWAIIHAE RESURFACING, ROUTE 19, MP 63.3 TO 69.5	
PROJECT NO.19CD-01-97M	
SCALE: AS NOTED	Date: April, 1997