

GENERAL NOTES

1. The scope of work for this project consists of: Cold planing and resurfacing travelway; leveling existing pavement and reconstructing weakened pavement areas; constructing shoulders; adjusting utility boxes and manholes; installing striping, pavement markings and markers; replacing and installing signs and reflectors; installing traffic loop detectors; installing guardrail and end connections; removing and replacing rolled AC curbs and; adjusting driveways; installing drywells, sidewalk and paving fabric.
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 the 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 Service, and Section 645 - Traffic Control;.
4. At the end of each days work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
5. Underground utilities consist of but may not be limited to: natural gas lines; fuel lines; electrical conduits; telephone conduits; sewer lines; (forced and gravity) and; water lines. Contractor shall contact all affected utility companies and locate all utilities within the project limits. Any damage caused by the Contractor to any existing utility facility and/or improvements as a result of project activities shall be repaired by the Contractor at no expense to the State. Repairs shall be done in a timely manner so that the project timetable is not delayed .
6. The exact locations and limits or areas to be filled with leveling course, cold planed, and/or reconstructed 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 Item No. 401.0400, and will not be paid for separately.
9. Existing 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, driveways and at the ends of the daily work areas as shown on the plans and/or as directed by the Engineer.
11. Initial preparation of shoulder areas shall be done by the Contractor. Contractor shall also be responsible for finish rolling and maintaining the shoulders. This work shall be considered incidental to Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.

12. Existing drainage system will be functional at all times during construction. 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.
13. Contractor shall provide for access to and from all existing driveways and streets at all times.
14. Contractor shall mark the backs of all signs using labels and equipment provided by the State. Payment to be incidental to Contract Items.
15. All sawcutting work shall be considered incidental to contract items, and no separate payment shall be provided.
16. All Cold Planed Areas are to be paved by the end of each working day. Contractor shall only Cold Plane that area which can be paved the same day.
17. Reflectors and object markers to be placed along project as per Reflector and Object Marker Schedule, Sheet No. 22 .
18. See sheet no. 23 for type and placement locations for Construction Signs .
19. Contractor shall verify the existing AC pavement thickness prior to cold-planing. The existing macadam base shall not be disturbed by the Cold Planing operations.
20. Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except where approved by the Engineer in writing.
21. Public Notice is required for lane closures. 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.
22. Contractor's attention is called to new highway policies regarding Breakaway Cable Terminal (BCT) and other guardrail end treatments. Hardware requirements may change as the policy is revised. Prior to ordering materials, the contractor shall submit a list of all guardrail end treatment hardware to the Engineer for review and approval. Changes shall be handled on a contract change order basis.
23. Edge of paved shoulders and sidewalk shall be dressed to grade with materials excavated from shoulder reconstruction. This work shall be considered incidental to Item No. 401.0400, AC. Pavement Mix No. V.
24. Contractor shall place AC. Pavement Mix No. IV in lifts not to exceed 2 1/2". This requirement supercedes the Special Provisions and is intended to eliminate the washboard effect produced when thicker overlays are placed.

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. 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. All solder and flux shall contain not more than 0.2 percent lead.
5. The pipe cushion material for copper pipes shall be no. 4 fine manufactured sand, as specified in "Water System Standards" Volume I, part III, Section 2.2.2., Paragraph c2.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-2(32)	1995	3	26

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES

KAMEHAMEHA AVENUE RESURFACING  
WAILOA BRIDGE TO KUHIO WHARF  
F.A. PROJECT NO. STP-019-2(32)

Date: April, 1995

SHEET No. 1 OF 1 SHEETS