

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(10)	1993	3	12

GENERAL NOTES

1. The scope of work for this project consists of resurfacing Kaumualii Highway from Waimea Canyon Drive to Waimea Bridge and from Eleele to Lele Road. The work shall consist of, but not be limited to, resurfacing with asphalt concrete pavement, installing reinforcing fabric, pavement striping, markings and signs, adjusting utility boxes, manhole frames and covers and survey monuments, replacing signs, cold planing and trimming and dressing shoulders.
2. The Contractor's attention is directed to Subsection 107.13 - Public Convenience and Safety; Section 645 - Traffic Control and Subsection 107.21 - Contractor's Responsibility for Utility Property and Service of the Special Provisions.
3. 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 5:30 P.M., and during off work hours. Only one lane of the 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 108.08 of the Special Provisions.
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 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.
6. The exact locations and limits or areas to be filled with leveling course or 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. V and will not be paid for separately.
9. All holes, depressions, wheel ruts and leveling areas as shown on the plans shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V leveling course prior to placing of pavement reinforcing fabric and resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. V.

10. Reinforcing Fabric shall not be required on transitions at the beginning and end of the project, on islands and shoulders and on storage or acceleration lanes, except when specifically listed on the plans.
11. 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 and/or as directed by the Engineer.
12. Dressing of shoulder, sidewalk and bus turnout 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.
13. Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items.
14. Earth swale shall be graded to drain. Earth swale shall not be paid for separately, but shall be considered incidental to the various contract items.
15. Contractor shall provide for access to and from all existing driveways and streets at all times.
16. All saw cutting and brooming off work shall be considered incidental to Asphalt Concrete Pavement.
17. Prior to cold planing over an existing structure, the Contractor shall determine the actual depth of the existing asphalt concrete pavement. The Contractor shall take several cross section measurements throughout the structure. If the thickness of the existing pavement is less than what is shown on the plans, the Contractor shall remove the existing pavement to the level of the structure.
18. When cold planing over a structure, the Contractor shall exercise care not to damage any portion of the structure, especially the slab, joints, drain pipes or reinforcement. Any damage to the structure incurred during cold planing operations shall be repaired by the Contractor at his own expense. Repair work shall be as directed by the Engineer.

LEGEND

- _{wv} Existing Water Valve
- ✧_{fh} Existing Fire Hydrant
- _{smh} Existing Sewer Manhole
- _{dmh} Existing Drain Manhole
- ◻_{cb} Existing Catch Basin
- ◻_{di} Existing Drain Inlet
- _{SMH} Existing Sewer Manhole to be Adjusted
- _{DMH} Existing Drain Manhole to be Adjusted
- _{WV} Existing Water Valve to be Adjusted
- _{TMH} Existing Telephone Manhole to be Adjusted

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
DATE	5-25-93

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

KAUMUALII HIGHWAY RESURFACING

Waimea Canyon Drive to Waimea Bridge

& Eleele to Lele Road

Federal Aid Project No. STP-050-1(10)

Scale: As Shown Date: May 14, 1993

SHEET No. 1 OF 1 SHEETS