
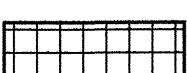
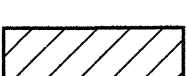
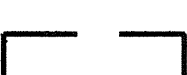
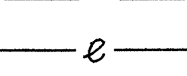
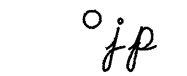
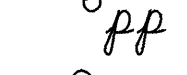
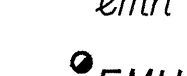
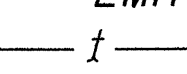
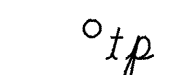
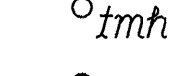
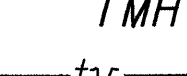
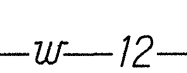
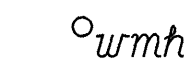

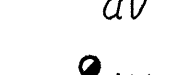
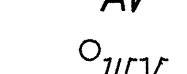

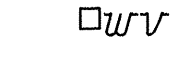

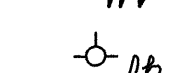
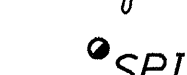




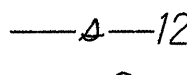





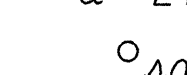

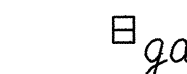



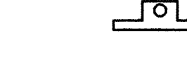


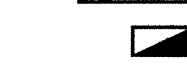










GENERAL NOTES

1. The scope of work for this project includes reconstruction of weakened pavement areas; cold planing of existing pavement; resurfacing; adjusting utility boxes and manholes, sewer manholes, drain inlets, and water valve boxes and manholes; installing centerline and reference survey monuments and adjusting standard street survey monuments; adjusting contra-flow sign post inserts; removing and installing pavement markers and traffic signs; pavement striping; replacing existing curbs, gutters and curbed islands; constructing concrete sidewalk and wheelchair ramps; removing and reinstalling existing metal guardrails; installing new metal guardrails; and dressing of shoulders.
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. The Contractor shall be responsible for all utility toning at no additional cost to the State.
6. The exact locations and limits of areas to be filled with leveling course, reconstructed, and cold planed shall be determined in the field by the Engineer.
7. All lanes of traffic shall be kept open during daytime work. Daytime work shall be conducted between the hours of 9:30 A.M. and 3:30 P.M. only. Failure of the Contractor to open all lanes of traffic after 6:00 A.M. shall result in assessment of liquidated damages as specified in Section 108.08 - Failure to Complete on Time and Liquidated Damages, of the Standard Specifications. For work time schedule, see Section 104 - Scope of Work of the Special Provisions.
8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
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 various contract items.
10. All holes, depressions, wheel ruts and leveling areas as shown on the plans shall be filled and compacted with Asphalt Concrete Pavement, Mix No. IV leveling course prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. IV.
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, concrete gutter and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable 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. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
14. 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.
15. The contractor shall provide for access to and from all existing side streets and driveways at all times.
16. All saw cutting work shall be considered incidental to the various contract items.
17. Prior to his resurfacing operations, the Contractor shall be responsible for locating, preserving and marking all utility & highway facilities that will require adjustments to the new finished pavement grade.
18. Install new Type II Object Marker on all utility poles or trees that are within the State Right-of-Way and within 30 feet of the roadway edge of pavement as directed by the Engineer.
19. Prior to commencing his resurfacing operations, the Contractor shall contact the County of Kauai's Department of Water Maintenance Branch (Phone No. 245-5544) and make arrangements for Department of Water personnel to "tone" for, and mark locations of existing valve boxes that may have been inadvertently paved over on previous resurfacing projects. Approximate locations of paved over valve boxes that are to be raised to the new finished grade are noted on the plans.
- It shall be the Contractor's responsibility to offset and record locations of the valve boxes as marked by the Dept. of Water for purposes of adjusting the valve boxes to the new finished grades after completion of his resurfacing operations. The Contractor shall preserve all offset stakes marking locations of the valve boxes. If offset stakes are damaged or lost, it shall be the Contractor's sole responsibility to survey and re-stake locations of the valve boxes.
- Payment for work involved in locating paved over water valve boxes shall not be paid for separately, but shall be considered incidental to Item No. 604.4550 - Adjusting Water Valve Box Frame and Cover.
20. After completion of resurfacing, the Contractor and the Engineer will test for, and determine ponding areas (i.e. low spots within the resurfaced area). It shall be the responsibility of the Contractor to correct and resurface and/or repair all such ponding areas to the satisfaction of the Engineer, at no additional cost to the State.

LEGEND

-  Cold Planing Areas
-  Reconstruction Areas
-  Shoulder Construction Areas
-  Resurfacing Limits
-  Existing Electrical Line
-  Existing Joint Pole
-  Existing Power Pole
-  Existing Electric Manhole
-  Adjust Elec. MH Frame/Cover
-  Existing Telephone Line
-  Existing Telephone Pole
-  Existing Telephone Manhole
-  Adjust Tele. MH Frame/Cover
-  Existing TV Cable
-  Existing 12" Water Line
-  Existing Water Manhole
-  Adjust Water MH Frame/Cover
-  Existing Water Air Valve
-  Adjust Water Air Valve
-  Existing Water Valve Box
-  Adjust Water Valve Box
-  Existing Water Meter
-  Adjust Water Meter Box
-  New Water Meter
-  Existing Fire Hydrant
-  Adjust Contra-Flow Sign Post Insert
-  Existing Sewer Line
-  Existing Sewer Manhole
-  Adjust Sewer MH Frame/Cover
-  Adjust Sewer Valve Box
-  Existing Monument
-  Adjust Monument
-  New Monument
-  Existing 24" Drain Line
-  Existing Storm Drain Manhole
-  Adjust Storm Drain MH Frame/Cover
-  Existing Grated Drop Inlet to be Demolished
-  Adjust Existing Grated Drop Inlet
-  New Grated Drop Inlet
-  Existing Catch Basin
-  Existing Traffic Sign
-  Existing Highway Lighting Standard
-  Existing CRM Wall
-  Adjust Utility Box
-  Adjust Grated Drop Inlet
-  Existing Utility Pole
-  Existing Guy Pole
-  Existing Metal Guardrail
-  New Metal Guardrail
-  Remove, Re-install and Adjust Existing Metal Guardrail

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(41)	1998	3	33

ORIGINAL PLAN	SURVEY PLOTTED BY _____		DATE
	DRAWN BY <u>R. Acob</u>		<u>3-05-98</u>
NOTE BOOK <u>kelaraman</u>	TRACED BY _____		•
	DESIGNED BY <u>R. Acob</u>		•
CHECKED BY _____	QUANTITIES BY _____		•
	CHECKED BY _____		•
N _o _____			

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

KUHIO HIGHWAY REHABILITATION
Hanamaulu To North Leho Drive
Federal Aid Proj. No. STP-056-1(41)

Date: March, 1998