

GENERAL NOTES

1. The scope of work for this project includes reconstructing sidewalks, curb ramps, weakened pavement areas; cold planing existing pavement; resurfacing; adjusting utility valve box, manholes and covers; removing and installing pavement marking and traffic signs.
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. Noncompliance 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 of areas to be over excavated and filled with a leveling course of aggregate subbase shall be determined in the field by the Engineer.
7. All lanes shall be open to traffic during daytime hours. Work in the shoulder and travel way shall be done at night as specified in Section 104 of the Special Provisions. 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.
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 Asphalt concrete Pavement and will not be paid for separately.
10. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. IV 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 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. The Contractor shall provide for access to and from all existing side streets and driveways at all times.
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. All saw cutting work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
16. Install new Type II Object Marker on all utility poles or trees that are within the State Highway Right-of-Way and within 30 feet of the roadway edge of pavement as directed by the Engineer. Refer to Standard Plans TE-17.
17. Prior to his resurfacing operation, the Contractor shall be responsible for locating, preserving and marking all utility & highway facilities that will require adjustments to the new finished pavement grade. Additionally, the Contractor shall submit to the Engineer a list of all items, including water, drainage, sewer, electrical, telephone and cable utilities to be adjusted to the new finished grade.
18. Prior to commencing his resurfacing operations, the Contractor shall contact the County of Kauai's Department of Water Maintenance Branch (Phone No. 245-5444) 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.
19. 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.
20. All cold plane material shall remain the property of the State. The Contractor shall transport this material to the Highways Baseyard at Kahau St., Kapaa. Transporting cold plane material shall be considered incidental to Item 652.1000 – Cold Planing.
21. Contractor shall exercise extreme caution to preserve State Survey Horizontal Control Monuments and accompanying traverses.

22. Whenever the center of a survey monument is less than three (3) feet away from the edge of the construction, the contractor shall retain a licensed land surveyor to reference the location of said State Survey Monument. All referencing work shall be submitted to the Department of Transportation, Highways Division, Design Branch, Cadastral Engineering Section, for review and approval before commencement of construction adjacent to survey mark. This work shall be considered incidental to Item 614.0110 – Adjusting Standard Street Survey Monument.
23. Survey monuments that are disturbed shall be restored under the licensed land surveyor's direction at no cost to the State. Any new data such as elevations shall be certified by the surveyor and submitted to Cadastral Engineering Section.
24. Traverse drain, which is set in concrete, would require a 2" pipe or sleeve over and center of the traverse to make the survey mark recoverable. Please make sure this station is not subject to Cold Planing.

LEGEND

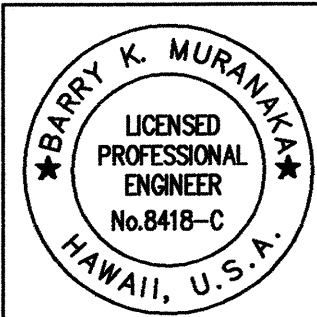
- Reconstruction Areas
- Sidewalk Repair Area
- Resurfacing Limits
- Existing Power Pole
- Existing Power Pole
- Existing Electric Manhole
- Adjusted Elec. MH Frame/Cover
- Existing Telephone Pullbox
- Existing Telephone Manhole
- Adjusted Tel. MH Frame/Cover
- Existing 12" Water Line
- Existing Water Manhole
- Adjusted Water MH Frame/Cover
- Existing Water Air Valve
- Adjusted Water Air Valve
- Existing Water Valve Box
- Adjusted Water Valve Box
- Water Valve Box Below Exist. A.C. Pavement (to be Adjusted)
- Existing Water Meter
- Adjusted Water Meter
- Existing Traffic Sign
- Existing Fire Hydrant
- Circular Loop Detector (G'dia.)
- Existing Metal Guardrail
- New Metal Guardrail
- Adjusted and/or Relocated Metal Guardrail
- Existing Sewer Line
- Existing Sewer Manhole
- Adjusted Sewer Manhole Frame/Cover
- Existing Monument
- Adjusted or Reconstructed Monument
- New Monument
- Existing 24" Drain Line
- Existing Storm Drain Manhole
- Adjusted Storm Drain Manhole Frame/Cover
- Existing Grated Drop Inlet
- Adjusted Grated Drop Inlet and/or Replace existing Grate
- Existing Catch Basin
- Existing Traffic Pullbox
- Adjusted Traffic Pullbox
- Existing Electrical Transformer

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-01-00M	2003	3	42

P.L.: BKM
CURRENT OPR: c/j
PREV. OPR:
CURRENT TIME: Jul 05, 2002 - 9:18am
LAST SAVED BY: rgg
LAST MODIFIED: Thu, 20 Dec 2001 - 10:43am

PRELIMINARY SURVEY PLOTTED BY: DATE: _____
DRAWN BY: _____
FILE: coe99103.dwg
BEGIN: 3/31/2000
SCALE: 1"=1'

NOTE BOOK
DESIGNED BY: _____
CHECKED BY: _____
No. _____



THIS WORK WAS PREPARED
BY ME OR UNDER MY
SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KUHIO HIGHWAY RESURFACING
HARDY ST. TO KUENE RD.
Project No. 56A-01-00M

Scale: As shown Date: NOV. 2000

SHEET No. 1 OF 1 SHEETS

"AS-BUILT"