

GENERAL NOTES:

1. Scope of Work: The Work shall consist of cold planing and resurfacing existg. pavement, installing pavement reinforcing fabric, installing raised, taped and/or extruded pavement markings, replacing, relocating, and/or installing roadway signs, adjusting valve box covers and survey monuments, and trimming/dressing of shoulders. See Note 28 and 29.
2. All potholes, depressions, cracks, and wheel ruts, shall be cleaned, treated with SS-1 Emulsified Asphalt, then filled and compacted with Marshall Mix. A 3/4(±)-inch thick layer of leveling Marshall Mix shall then be placed and compacted over the areas to be resurfaced. This work shall be measured and paid for as provided under Item No. 401.0600 (Asphalt Concrete Pavement, Marshall Mix). SS-1 Emulsified Asphalt and MC-30 Prime Coat shall be incidental to Item 401.0600.
3. Immediately following the leveling course, the reinforcing fabric shall be laid in accordance with the plans and specifications. This work shall be measured and paid for under Item No. 420.0100 (Pavement Reinforcing Fabric).
4. Reinforcing Fabric shall not be required on transitions at the beginning and end of the project, on islands and shoulders, and on storage, acceleration and deceleration lanes.
5. Immediately following the reinforcing fabric, a 1 1/2" thick A.C. Marshall Mix wearing surface shall be placed and compacted in accordance with the plans and specifications. This work, along with the leveling course, shall be measured and paid for under Item No. 401.0600 (Asphalt Concrete Pavement, Marshall Mix).
6. Existing raised pavement markers shall be removed by such means that will cause the least amount of damage to the existing pavement. This work shall not be measured nor paid for separately, but shall be considered incidental to the various pay items.
7. Provide smooth riding connections from the new pavement overlays to all existing pavements.
8. "Brooming-off" and grading the edges of existing surfaces, prior to resurfacing shall not be measured nor paid for separately, but shall be considered incidental to Item No. 401.0600 (Asphalt Concrete Pavement, Marshall Mix).
9. The Contractor shall be held liable for damages to existing facilities as a result of his operations. Said damages shall be repaired and/or replaced immediately in accordance with the Standards and Specifications of the State and/or affected utility company or governmental agency. On any unreasonable delay, by the Contractor, the State shall repair said damages and bill the Contractor.
10. All lanes shall be open to traffic during morning 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 highway shall be closed at any other time. Failure of the Contractor to open all lanes to traffic during the times specified above, shall result in assessment of liquidated damages as specified in Section 108.08 of the Special Provisions.
11. The Contractor is reminded of the traffic control provisions in the Standard Specifications and the Special Provisions.
12. Surfaces shown in the Typical Sections are for representational purposes only and not intended to depict any specific location.
13. If it is necessary to run public traffic over roadways soon after the paving operations, the Contractor shall install temporary pavement marking tapes and raised pavement markers, as directed by the Engineer. For additional requirements, refer to Section 629 of the Standard Specifications and Special Provisions. This work shall be considered incidental to the various pay items and no separate payment shall be made.
14. The Contractor shall adjust the top elevations of all existing utility facilities to match the new finish grades. These facilities shall include, but not be limited to, pullboxes, manholes and valve box covers. All work shall be in accordance with the requirements of the affected agency and subject to acceptance by the State. Payment shall be made at the contract unit price per each, as specified in the proposal, which shall be full compensation for all materials and labor required to complete the work.

15. Trimming and dressing of shoulders shall include, but not be limited to, clearing, grubbing, backfilling, grading, and compacting the shoulder areas. This work shall not be paid for separately, but shall be considered incidental to the various pay items.
16. Work on all water facilities shall be in accordance with the Standard Details and Specifications for Waterworks Construction, Department of Water, County of Kauai.
17. Cold planing of transitions at the beginning and end of the project sections, and at transitions to existing structures, as shown on the plans, shall be considered incidental to the various pay items.
18. All replaced signs and posts shall be returned to the State Baseyard in Kapaa at no additional cost to the State.
19. Unless otherwise noted, on the plans, all new signs shall be of the same type and size, including lettering, of that being replaced.
20. Stakeout/layout for pavement stripings, markings, and markers shall be performed by the Contractor at his own expense. The Contractor shall use a surveyor that's licensed in the State of Hawaii.
21. All stripings, markings, and raised pavement markers, shall be installed in accordance with the plans and specifications.
22. Locations of all new pavement markings, staked-out in the field by the Contractor, shall be approved by the Engineer prior to installation.
23. All pavement striping shall be Tape, Type I, Tape, Type II or Thermoplastic Extrusion.
24. Edge of pavement striping shall be 4" or 8" White Stripe (Thermoplastic Extrusion (or Tape, Type II) with Type CL Raised Pavement Markers @ 40' - 0" o.c..
25. Crosswalk markings, Guide Lines, Extension of Edge Lines, and Stop Lines shall be thermoplastic Extrusions. Raised pavement markers shall not be used in crosswalk areas.
26. Pavement Arrows shall be Tape, Type I, or Thermoplastic Extrusion.
27. All existing signs scheduled to be "replaced", shall be removed and new signs installed on the existing posts.
28. All paving, reinforcing fabric and cold planing work on Kaunualii Highway Resurfacing - Lihue Mill Bridge to Puhi, Project No. 50E-01-92M, shall be done at night.
29. The Contractor's attention is directed to Subsection 105.20-Night Work, of the Special Provisions, regarding working hours for Project No. 50E-01-92M.
30. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, to perform with his organization, work amounting to not less than 50 percent of the total contract cost less deductible amounts allowed. Non-compliance with this Subsection may be grounds for rejection of bid.
31. 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 Section 645 - Traffic Control.
32. All construction signs and posts shall be delivered to the State Baseyard, Kapaa upon completion of the project.

LEGEND

EXISTING FACILITIES:

- o/p Power Pole  
d Sign  
d Sign (w/ plates front/back)  
smh Sewer manhole  
ep Edge of pavement

NEW FACILITIES:

- Sign

CONTROLS:

- £ Baseline  
\$ Centerline

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50E-01-92M 570A-01-92M 51B-01-92M	1992	3	14

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES

KAUNUALII HIGHWAY RESURFACING  
PROJECT NO. 50E-01-92M  
AHUKINI ROAD RESURFACING  
PROJECT NO. 570A-01-92M  
KAPULE HIGHWAY RESURFACING  
PROJECT NO. 51B-01-92M

Scale: None Date: July 1991

SHEET NO. 1 OF 1 SHEETS