

GENERAL NOTES

1. Scope of Work: Resurfacing, installing pavement Reinforcing Fabric, Raised Pavement Markers and Pavement Markings, Pavement Striping, adjusting valve box cover and replace signs.
2. All potholes, depressions, cracks and wheel ruts, shall be cleaned, then filled and compacted with Marshall Mix. A 3/4" ± inch thick layer of leveling Marshall Mix shall then be placed and compacted. This work shall be measured and paid for as provided under item No. 401.0600 (Asphaltic Concrete Pavement Marshall Mix).
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 project, on islands and shoulders, and on storage, acceleration and deceleration lanes.
5. Existing raised pavement markers, speed bumps, and A.C. curbs within the entire area to be resurfaced, 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 seperately, but shall be considered incidental to the various pay items.
6. Provide smooth riding connections from the new pavement overlays to all existing pavements.
7. "Brooming-off" and grading the edges of existing surfaces prior to resurfacing shall not be measured nor paid for seperately, but shall be considered incidental to Item No. 401.0600 (Asphaltic Concrete Pavement, Marshall Mix).
8. The Contractor shall be held liable for any damage incurred to existing facilities as a result of his operations. All damages to existing facilities 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.
9. 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 the 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 Provision.
10. Surfaces shown in the Typical Sections are for representational purposes only and not intended to depict any specific location.
11. 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 seperate payment shall be made.
12. Trimming and dressing of shoulders shall include, but not limited to clearing grubbing, backfilling, grading, and compacting the shoulder areas. This work shall not be paid for directly but shall be considered incidental to the various pay items.
13. The Contractor shall adjust the top elevations of all existing utility facilities to match the new finish grades. These facilities shall include but not limited to pullboxes, manholes and valve box covers. All work shall be in accordance with the requirements of the affected agency and subject to the 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.
14. Work on all water facilities shall be in accordance with the Standard Details and Specifications for Waterworks Construction, Department of Water, County of Kauai.
15. Cold Planing of existing speed bumps at both ends of the Halewili Road Section, A.C. curbs, transitions at the beginning and end of the project sections, and at transitions to/over existing structures, as shown on the plans, shall be considered incidental to the various pay items.

PAVEMENT MARKING NOTES:

1. Stakeout/layout for pavement stripings, markings, and markers shall be performed by the Contractor at his own expense by a surveyor, licensed in the State of Hawaii.
2. All stripings, markings, and raised pavement markers shall be installed in accordance with the Standard Plans.
3. Centerline pavement striping shall be Thermoplastic Extrusion or Tape, Type I.
4. Edge of pavement striping shall be a 4" or 8" White Stripe (Thermoplastic Extrusion or Tape, Type II) with Type CL Raised Pavement Markers @ 40'-0" o.c.
5. Crosswalk markings and Stop Lines shall be Thermoplastic Extrusion. Raised Pavement Markers shall not be used within crosswalk areas.
6. Pavement Arrows shall be Tape, Type I, or Thermoplastic Extrusion.

ADDITIONAL NOTES:

1. All replaced signs shall be returned to the State Baseyard in Kapaa at no additional cost to the State.
2. Unless otherwise noted on the plans, all new signs shall be of the same type and size of that being replaced.

SUMMARY - STRIPING AND RAISED PAVEMENT MARKERS

SECTION: HALEWILI ROAD

| Station | Striping L.F. | | Pavement Markers, Ea. | | | | | Zone |
|-----------|---------------|-------|-----------------------|---------|---------|--------|--------|----------------|
| | CL | Edge | Typ. CL | Typ. DL | Typ. HL | Typ. J | Typ. A | |
| 0+55.15 | 1360 | 1115 | 23 | | 23 | | | No Passing |
| 7+00 | 220 | 440 | 11 | 12 | | | | No Passing |
| 9+20 | | 40 | 1 | | | | | Intersection |
| 9+60 | 65 | 120 | 4 | 4 | | | | No Passing |
| 10+20 | 240 | 480 | 12 | 6 | 6 | 24 | | No Pass / Pass |
| 12+60 | | 5520 | 138 | 69 | | 276 | | Pass |
| 40+20 | 720 | 1440 | 36 | 37 | | | | No Pass |
| 47+80 | 240 | 480 | 12 | 4 | 4 | 16 | | No Pass / Pass |
| 49+40 | | 4880 | 122 | 61 | | 240 | | Pass |
| 78+80 | 920 | 1840 | 46 | 23 | 23 | 92 | | Pass / No Pass |
| * 2+00.02 | 1360 | 2720 | 68 | 69 | | | | No Pass |
| 15+60.02 | | 40 | 2 | | | | | Intersection |
| 16+00.02 | 60 | 120 | 4 | 4 | | | | No Pass |
| 16+60.02 | 280 | 560 | 14 | 7 | 7 | 28 | | No Pass / Pass |
| * * | | | | | | | | |
| 19+42.31 | | 13440 | 480 | 243 | | 968 | | Pass |
| 116+62.31 | 240 | 480 | 12 | 6 | 6 | 24 | | Pass / No Pass |
| 119+02.31 | 65 | 120 | 4 | 4 | | | | No Pass |
| 119+62.31 | | 40 | 1 | | | | | Intersection |
| 120+02.31 | 340 | 680 | 18 | 18 | | | | No Pass |
| 123+42.31 | | 40 | 1 | | | | | Intersection |
| 123+82.31 | 410 | 780 | 20 | 21 | | | | No Pass |
| 127+72.61 | | | | | | | | |
| SUMMARY | 6520 | 41375 | 1040 | 588 | 69 | 1668 | | |

* Sta 79+44.91 [55(2)] = Sta (-) 1+55.07 [55A(1)]
* * Sta 18+30.93 = Sta 18+33.22; Eq = (-) 2.29
Total Roadway Length = 20,885 LF

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-K-01-91M | 1991 | 3 | 11 |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL & PAVEMENT MARKING NOTES

KAUIMUALII HWY./HALEWILI RD. RESURFACING

PROJ. NO. HWY-K-01-91M

SCALE: AS NOTED DATE: SEP 1990

SHEET No. 1 OF 1 SHEETS