

GENERAL NOTES

1. This project begins at Station 102+00 Fort Weaver Road, near the Renton Road / Fort Weaver Road intersection, and proceeds in a southerly direction to Station 237+00 Fort Weaver Road, near the Fort Weaver Road / North Road intersection. The overall length of this project is 2.56 miles.
2. Improvements consist of roadway pavement widening, resurfacing with asphalt concrete, reconstructing weakened pavement areas with Plant Mix (or Recycled Plant Mix) Asphalt Concrete Base Course, reconstructing bus pullouts, adjusting existing manholes, frames, and covers and Standard C&C Monuments, installing pavement markers and striping.
3. The existence and location of underground utilities, manholes C&C Survey Monuments and Structures as shown on the plans are from the latest available data but is not guaranteed as to the accuracy or the encountering of other obstacles during the course of work. The Contractor shall be responsible and shall pay for all damages to existing utilities resulting from his operations.
4. Dressing of shoulders as directed by the Engineer shall be considered incidental to the various contract items and will not be paid for separately.
5. The Contractor shall mark all manhole and valve covers in roadway to be resurfaced prior to resurfacing and remark them after paving.

RECONSTRUCTION NOTES

1. The exact limits of reconstruction areas will be determined in the field by the Engineer.
2. Reconstruction areas shall be limited only to the volume of work that can be completed by the end of the same working day. Excavated roadway section shall be reconstructed to full depth or as directed by the Engineer.
3. The depth of excavation shall be reconstruction thickness minus the overlay thickness as designated on the plans. The excavated areas shall be reconstructed with Plant Mix (or Recycled Plant Mix) Asphalt Concrete Base Course prior to resurfacing.

ASPHALT CONCRETE PAVEMENT NOTES

1. Prior to resurfacing, all cracks wider than 1/8" shall be filled with an approved asphalt material and as directed by the Engineer. The crack filler shall be allowed to cure before the tack coat is applied. Payment shall be incidental to A.C. Pavement, Mix No. I. "Chevron Walk-top" or an approved equal may be used.
2. All depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Mix No. I prior to resurfacing and/or placing of reinforcing fabric. This work will be paid for under Item No. 401.0500 Asphalt Concrete Pavement, Mix No. I.
3. Prior to filling, resurfacing or applying pavement reinforcement, existing raised pavement markers shall be removed and the existing pavement shall be cleaned as described in Section 310-Brooming Off, of the Standard Specifications. Payment shall be considered incidental to the various contract items.

4. Smooth riding connections shall be constructed at the beginning and the end of the project and at all connecting approaches as directed by the Engineer.
5. The Contractor shall construct tapers at driveways and sideroads as shown on the plans, unless otherwise directed by the Engineer. This work shall be paid for under Item No. 401.0500, A.C. Pavement Mix No. I.
6. The Contractor shall remove and dispose all existing raised pavement markers in the resurfacing areas prior to laying of Asphalt Concrete Overlay. This work shall be considered incidental to the various contract items and will not be paid for separately.
7. On resurfacing or paving projects open to public traffic, the Contractor shall be required to pave the full travelway or total width of roadway each day so as not to leave a hazardous longitudinal pavement drop between lane passes of the paver.
8. The Contractor shall notify the State, in writing, two weeks prior to starting paving operations.

SEWER NOTES

1. All sewer construction shall be in accordance with the City and County Standard Specifications approved by the chief engineer in May 1975 and the latest Division of Wastewater Management's Standard Details, August 1976, as revised, and the revised ordinances of Honolulu, 1978, as amended.
2. The Contractor shall notify the Division of Wastewater Management seven (7) days prior to commencement of sewer work and submit 4 sets of approved construction plans.
3. The Contractor shall verify the location and invert of all existing utilities, whether shown or not shown.

WATER NOTES

1. The Contractor shall give advance notice to the Board of Water Supply, Field Operation Division seven (7) days prior to any paving operations by calling 548-6169 or 548-5220.
2. Unless otherwise specified all materials and construction of water system facilities and appurtenances shall be in accordance with the "STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION," dated 1976, as amended, of the Hawaii Highways Division, Department of Transportation.
3. The BWS Standard Details, Figures 1 to 62 inclusive, bound in the "Water System Standards, of the BWS," dated March 1977, as amended, are applicable to this project.
4. The Contractor shall notify the Board of Water Supply in writing one week prior to commencing work on the water system.
5. Approval by the Board of Water Supply is based solely on the adequacy of the water supply. Discrepancies, if any, of alignments, grades, fittings, etc. shall not be the responsibility of the Board of Water Supply.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600A-01-83M	1983	2	21

LEGEND

- *wv* Existing Water Valve Box
- *smh* Existing Sewer Manhole
- *sdmh* Existing Storm Drain Manhole
- *wmh* Existing Water Manhole
- ♀ *fh* Existing Fire Hydrant
- *pp* Existing Power Post
- *gmh* Existing Gas Manhole
- *e* — Existing Electric Duct Lines
- *jts* — Existing Joint Trunking System
- *ep* Existing Electric Pole
- *tp* Existing Telephone Pole
- *jp* Existing Joint Pole
- *fb* — Abandoned Fuel Line
- *wl* — Existing Water Line
- *sl* — Existing Sewer Line
- *gp* Existing Guy Pole
- *hecpb* Existing HECO Pullbox
- *wm* Existing Water Meter
- *sfm* — Existing Sewer Force Main
- XXXX Area to be Reconstructed
- //// Area Requiring Pavement Reinforcing Fabric

6. The existence and location of underground utilities and structures as shown on the plans are from the latest available data but is not guaranteed as to the accuracy or encountering of other obstacles during the course of the work. The Contractor shall pay for all damages to existing utilities.
7. Any adjustments to the existing water system required during construction to meet the requirements of BWS Standards, whether shown on the plans or not, shall be done by the Contractor at no cost to the Board.
8. The Contractor shall verify and adjust all existing meter boxes, Water Manholes, Frames & Covers and Valve Boxes that are located within the work area limits, as directed by the Engineer. Any water manholes and valve boxes outside of the work area limits shall not be adjusted. Payment for manhole adjustment shall be made under Item No. 604.4010 and valve box adjustment shall be paid for under Item No. 604.4550 of the proposal.

APPROVED:

R. Nagato 8-3-82
Chief, Planning & Engineering, B.W.S. Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

NOTES AND LEGEND

FORT WEAVER ROAD RESURFACING
VICINITY OF RENTON RD. TO NORTH RD.
PROJECT NO. 7600A-01-83M

DATE: JULY, 1982

SHEET No. 1 OF 21 SHEETS