

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(10)	2011	3	38

GENERAL NOTES

- The scope of work for this project consists of cold planing; AC paving; reconstruction of weakened pavement areas; installing signs, pavement marking and striping, milled rumble strips, and loop detectors; adjusting manholes; and traffic control.
- The Contractor's attention is directed to the following Sections of the Standard Specifications: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 107.12 - Protection of Persons and Property; and Section 645 - Work Zone Traffic Control
- 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.
- 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 notify in writing, the Oahu Transit Services, Inc., Road Supervision Office, 811 Middle St, Hon, HI 96819 (ph.*848-4571), seven (7) days prior to any paving operations.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- The Contractor shall remove and dispose of all existing raised pavement markers and traffic tapes prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to HMA Pavement and will not be paid for separately.
- 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. This work shall be considered incidental to HMA Pavement and will not be paid for separately.
- 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.
- 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.
- Prior to paving of the existing driveways, the Contractor shall give all homeowners at least one week of notice regarding the work. The Contractor shall also provide each homeowner with a schedule of paving and the telephone number of the Contractor's contact person. The Contractor shall provide access to and from all existing driveways, sidewalks, ADA routes, and side streets at all times. If the Contractor is unable to provide access to and from each driveway, the resident must be provided with a 48 hour notice prior to that closure. If the closure duration is longer than 6 hours, the Contractor shall provide adequate and lighted parking for the resident. This work will be considered incidental to the various contract items.
- All saw cutting work and related clean-up of slurry shall be considered incidental to Excavation of Weakened Pavement Areas.

GENERAL NOTES (CONT.)

- No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designed in writing and approved by the Engineer. If use of location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the Oahu District Office at telephone no. 831-6712.
- The Contractor shall remove/uproot all vegetation within the cracks in the existing pavement prior to overlaying of Asphalt Concrete Pavement.
- The limits of weakened pavement reconstruction are approximate and may be modified by the Engineer based on actual field conditions.

PAVING AROUND MANHOLES

- The Contractor shall first lower manholes prior to cold planing. The work shall be considered incidental to the various paving contract items. Upon final paving, the manhole shall be raised, cleaned, and the existing frames and covers shall be painted with one coat of asphaltum paint before reinstallation. Payment for this work shall be under the various contract items pertaining to manhole adjustments. HECO manholes do not require adjustment and shall remain at existing grade.
- The Contractor shall place hot asphalt concrete around manholes and compact properly with a vibrating plate compactor.
- If a plate compactor is not used, the Contractor shall use a pneumatic roller to roll the area around the manhole.
- The Contractor shall fog seal or brush emulsion seal on the material placed as backfill on the area around the manhole that was not compacted by the roller. Black sand shall be used to blot out the area if the fog is too heavy.

ABBREVIATIONS

AC	Asphalt Concrete	Sta.	Station
ACB	Asphalt Concrete Base Course	Tel.	Hawaiian Telcom
ASB	Aggregate Subbase Course	UTPB	Untreated Permeable Base
#	Baseline	Vert.	Vertical
CATV	Cable Television	WMH	Water Manhole
Exist.	Existing	WV	Water Valve
GCB	Glassphalt Concrete Base Course		
GMH	Gas Manhole		
GV	Gas Valve		
HECo	Hawaiian Electric Company		
MH	Manhole		
M.L.	Matchline		
NTS	Not to Scale		
o.c.	on center		
R/W	Right-of-Way		
SCMH	Signal Corps Manhole		
SDMH	Storm Drain Manhole		
s.e.	Superelevation		
SLP	Street Light Pole		
SMH	Sewer Manhole		

LEGEND

	Weakened Pavement Reconstruction Areas
	Dress Shoulder
	Resurfacing Limits
	Adjust Manhole Frame and Cover or Brass Pin
	Existing Electrical Line
	Existing Electric Manhole
	Existing Telephone Line
	Existing Telephone Pole
	Existing Telephone Manhole
	Existing Signal Corps Line
	Existing TV Cable
	Existing 12" Water Line
	Existing Water Manhole
	Existing Water Valve Box
	Existing Water Meter
	Existing Fire Hydrant
	Existing 12" Sewer Line
	Existing Sewer Manhole
	Existing 6" Gas Line
	Existing Gas Valve Box
	Existing Gas Manhole
	Existing Monument
	Existing 24" Drain Line
	Existing Storm Drain Manhole
	Existing Grated Drop Inlet
	Existing Catch Basin
	Existing Traffic Sign
	Existing Highway Lighting Standard
	Existing Highway Lighting Pullbox
	Existing Traffic Signal Pole
	Existing Traffic Signal Pullbox
	Existing Metal Guardrail

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

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THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Pamela K. Uyeda

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**GENERAL NOTES, LEGEND
AND ABBREVIATIONS**

FORT WEAVER ROAD PAVEMENT PRESERVATION
Renton Road to the Vicinity of Ewa Beach Road
Federal Aid Project No. STP-076-1(10)
Scale: None Date: Feb. 2011

SHEET No. G-2 OF 7 SHEETS