

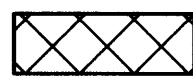
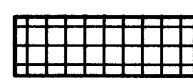

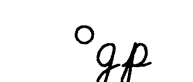
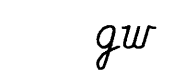
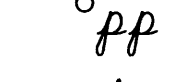
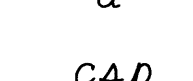
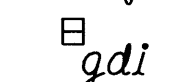
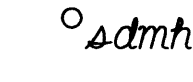

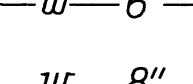
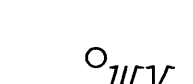

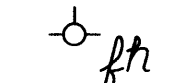

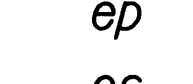






GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-037-K(025)	2012	3	22

1. The scope of work for this project consists of resurfacing existing pavement with a 1½" Hot Mix Asphalt (HMA) pavement overlay; reconstructing weakened pavement areas; cold planing; adjusting water valves, manhole covers, survey monuments; installation of pavement marking and striping; installation of reflector markers on existing guardrails; cleaning of existing culverts and drainage structures; and all incidental work.
2. The Contractor's attention is directed to Subsection 107.06 - Contractor Duty Regarding Public Convenience, Section 645 - Work Zone Traffic Control and Subsection 104.09 Maintenance of Traffic.
3. 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.
4. 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.
5. All holes, depressions, wheel ruts and leveling areas shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V leveling course prior to resurfacing. The exact locations and limits or areas to be filled with leveling course, reconstructed, cold planed and crack sealed shall be determined in the field by the Engineer.
6. Prior to resurfacing, the existing surface shall be cleaned as described in Section 310 of the Standard Specifications and as amended. Additionally, all cracks and joints must be sealed as described in Section 401 of the Special Provisions. Payment shall be considered incidental to Item No. 401.1000 - Hot Mix Asphalt (HMA) Pavement, Mix No. IV.
7. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
8. 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 Hot Mix Asphalt (HMA) Pavement and will not be paid for separately.
9. Unless directed by the Engineer, connections shall be cold planed at all limits of resurfacing including the beginning and end of project, connecting approaches, side streets and driveways.
10. Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material as shown on the plans and/or as directed by the Engineer. Shoulder areas without guardrails shall be dressed at 6:1 slope (max.) unless shown on plans or directed by the Engineer.
11. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items.
12. The Contractor shall provide for safe access to and from all existing driveways streets and walkways at all times.
13. All saw cutting of existing pavement shall not be measured or paid for separately, but shall be considered incidental to various contract items.

14. Unless directed or approved by the Engineer, staggered paving resulting in longitudinal dropoff will not be permitted. In case of emergency, transition wedge with 10:1 slope shall be constructed along the longitudinal joint. Furthermore, temporary markings consisting of double, 4-inch yellow reflective tape with Type "D" markers at 20' o.c. shall be installed. Prior to resuming paving, the transition wedge shall be removed by saw cutting. Furnishing, paving and removing the transition wedge will not be paid for separately but will be considered incidental to Hot Mix Asphalt (HMA) Pavement.
15. At the end of each paving day, transverse joint must be constructed to provide a smooth riding connection. Transition wedge shall be constructed at 10:1 slope or flatter. Prior to resuming paving, the transition wedge shall be removed by saw cutting. Furnishing, paving and removing the transition wedge will not be paid for separately but will be considered incidental to Hot Mix Asphalt (HMA) Pavement.
16. Smooth riding connections shall be constructed at all limits of resurfacing including the beginning and end of project, connecting approaches and side streets as shown on the plans and/or as directed by the Engineer.
17. In cold planing the pavement over the structure, the Contractor shall exercise care not to damage any portion of the structure, specially the structure deck, joints, drain pipes or reinforcement. Any damage to the structure during the cold planing operation shall be repaired by the Contractor at his own expense. Repair work shall be as directed by the Engineer. The Contractor shall verify the existing pavement thickness by hand digging at various locations. This work shall be considered incidental to Cold Planing.
18. Contractor shall adjust pipe casings of existing centerline survey monument whether shown or not on the plans, in accordance with Standard Plan D-07 or any other method as directed by the Engineer to suit field condition. Contractor to verify existing conditions prior to construction. Adjustment of centerline monument will be paid for at the Contract Unit Price regardless of method used. Contractor shall clean existing monuments to expose survey pins.

LEGEND

	Reconstruction Areas
	Cold Planing Areas
	Resurfacing Limits
	Existing Guy Pole
	Existing Guy Wire
	Existing Power Pole
	Existing Drain Line
	Corrugated Steel Pipe
	Existing Grated Drop Inlet
	Existing Storm Drain Manhole
	Adjusted Storm Drain Manhole
	Existing 6" Water Line
	Existing 8" Water Line
	Existing Water Valve
	Adjusted Water Valve
	Existing Fire Hydrant
	Adjusted Monument
	Edge of Pavement
	Edge of Shoulder
	Right of Way
	Existing Highway Lighting Standard
	RM-3 Marker

DESIGNED BY	DATE
10/05	
CHECKED BY	
10/05	
NOTED BY	
10/05	
QUANTITIES BY	
10/05	
TRACED BY	
10/05	
ORIGINAL PLAN	
10/05	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

KULA HIGHWAY PAVEMENT
PREVENTIVE MAINTENANCE
Kekaulike Avenue to Lower Kula Road
Federal-Aid Project No. STP-037-K(025)

Date: July, 2011

SHEET No. 1 OF 1 SHEETS