

GENERAL NOTES

1. The scope of work for FLH-0270(16) includes resurfacing, reconstructing and widening existing roadway pavement and shoulder; cold planing; replacing and installing signs and reflector markers; installing guardrail, pavement striping, markings and markers; adjusting manholes, valve boxes, and survey monuments; grading and drainage; and relocating utilities. For FLH-0270(17), the scope of work includes scarifying and removing existing pavement; constructing driveway, roadway pavement and parking; grading; and relocating utilities.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Noncompliance with this Subsection may be grounds for rejection of bid.
3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.13 - Public Convenience and Safety, and Section 645 - Traffic Control.
4. At the end of each day's work, remove all equipment and other obstructions to permit free and safe passage of public traffic.
5. 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 existing facilities and/or improvements as a result of his operations.
6. The exact locations and limits of areas to be filled with leveling course, reconstructed and cold planed will be determined in the field by the Engineer.
7. Notify the State in writing, two (2) weeks prior to starting construction activities.
8. Remove and dispose of all existing raised pavement markers and traffic tapes, prior to the overlaying of Asphalt Concrete. This work will not be measured or paid for separately, but shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV.
9. Fill and Compact holes, depressions and wheel ruts with a leveling course of Asphalt Concrete Pavement, Mix No. V prior to resurfacing. This work will be paid for under Item No. 401.500-Asphalt Concrete Pavement, Mix No. V.
10. Construct smooth riding connections 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 ordered by the Engineer.
11. Dressing of shoulder area shall consist of clearing, grubbing, backfilling, grading, reshaping and compacting the unpaved shoulders with suitable material from roadway excavation as shown on the plans and/or as ordered by the Engineer. This work will not be measured or paid for separately, but shall be considered incidental to the various contract items.
12. Maintain existing drainage system during construction. Furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work will not be measured or paid for separately, but shall be considered incidental to the various contract items.

13. Provide access to and from all existing side streets at all times.
14. All saw cutting work will not be measured or paid for separately, but shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV.
15. Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except when accepted by the Engineer in writing.
16. If required for emergency reasons, provide 24" wide feather taper for smooth riding lanes during non-working hours. Feathered tapers shall be removed prior to the placing of the adjacent overlay. Feathered tapers will not be measured or paid for separately, but shall be considered incidental to A.C. Pavement, Mix No. IV.
17. Public notice is required for lane closures. The Contractor shall submit notice to the Engineer for acceptance of a minimum of six weeks prior to publication in accordance with Subsection 107.13 - Public Convenience and Safety. Pre-approval of the notice, with dates left blank is permissible.
18. Coordinate all construction activities with the Department of Water Supply Job No. 97-688, Kawaihae 12-inch Waterline Replacement. Commence shoulder paving after the installation of the new water main.
19. Schedule road work around the annual Ironman Triathlon Race activities. Restore all pavement and shoulder areas to smooth riding condition, completely cleaned and striped three (3) weeks prior to this event. No construction work shall be permitted three (3) weeks before and one (1) week after the Ironman Triathlon Race.
20. Do not stockpile or store material and/or equipment within highways right-of-way except at locations accepted by the Engineer.
21. All guardrail layouts shall be done by the Contractor and accepted by the Engineer before installation.
22. Protect openings and incomplete sections of guardrail at the end of each work day. This work will not be measured or paid for separately, but shall be considered incidental to the various guardrail contract items.
23. All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
24. All existing speed limit signs covered during the lane closure period shall be uncovered upon the removal of the lane closure including construction warning/regulatory signs.

LEGEND:

	Overlay Paving		Existing Fire Hydrant
	Scarify and Remove Existing Pavement		Existing Sewer Line
	Full Depth Paving		Existing Sewer Manhole
	Cold Planing Areas		Existing 6" Gas Line
	Resurfacing Limits		Existing Gas Valve Box
	Existing Electrical Line		Existing Gas Manhole
	Existing Utility Pole		Existing Monument
	New Utility Pole		Adjusted Monument
	Existing Telephone Line		Existing 24" Drain Line
	Existing Telephone Pole		Existing Storm Drain Manhole
	Existing Signal Corps Line		Existing Grated Drop Inlet
	Existing TV Cable		Existing Traffic Sign
	Existing 12" Water Line		Existing Highway Lighting Standard
	Existing Water Manhole		Existing Edge of Pavement
	Adjusted Water MH Frame/Cover		Existing Edge of Shoulder (Paved & Treated)
	Existing Water Air Valve		Right-of-Way
	Adjusted Water Air Valve		New Edge of Pavement
	Existing Water Valve Box		New Edge of Shoulder (Paved)
	Adjusted Water Valve Box		Existing Guardrail
	Existing Water Meter		New Guardrail
	Adjusted Water Meter		

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILE	

14720E-PUUKOHOLA/MSD/2KAWAII/16gn

CLYDE T. SHIMIZU
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THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Clyde T. Shimizu

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KAWAIIHAE ROAD PUUKOHOLA HEIAU NHS
INTERSECTION IMPROVEMENTS
FAP NOS. FLH-0270(16) & FLH-0270(17)
Scale: None Date: Nov, 2000