

GENERAL NOTES

1. The scope of work for this project includes removing existing pavement markings and installing new milled rumble strips, pavement markings and signs.
2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities and Services; and Section 645 - Work Zone Traffic Control.
4. 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.
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 the existing facilities and/or improvements as a result of his operations.
6. All lanes shall be open to traffic during peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hours from 3:30 P.M. to 6:00 P.M., and during off work hours. Only one lane of highway shall be closed at any other time. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of liquidated damages as specified in Section 108.09 of the Special Provisions.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting his operations.
8. The Contractor shall provide for access to and from all existing driveways, sidewalks and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items, and will not be paid for separately.
9. Contractor shall exercise extreme caution to preserve BENCHMARKS (Survey Monuments). Whenever the center of a Survey Monument is less than three (3) feet from the edge of construction, the Contractor shall retain a Licensed Land Surveyor to reference the location of said Survey Monument.
- Benchmarks that are disturbed or destroyed shall be restored under a Licensed Land Surveyor's direction. Copies of field notes, descriptions and new values of the new benchmark shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
10. Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to other various contract items and shall not be paid for separately.
11. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated 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 State Highways Division at telephone no. 241-3000.
12. All pavement markers and striping shall be replaced in areas where rumble strips are installed only. No pavement markings shall be installed outside of the rumble strip installation limits (i.e. install pavement markers and striping only from \pm Sta. 54+50 to \pm Sta. 1+00)
13. Removal and disposal of exist. pavement markers and striping shall not be paid for separately but shall be included in the bid price for contract item nos. 615.0100 - Milled Rumble Strips - Centerline and 615.0200 - Milled Rumble Strips - Edgeline.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HRRP-0580(4)	2009	3	14

LEGEND

— — —	Rumble Strips	— — —	Existing Metal Guardrail
°pp	Existing Power Pole	— — —	New Metal Guardrail
°emh	Existing Electric Manhole	— — —	Adjusted and/or Relocated Metal Guardrail
°EMH	Adjusted Elec. MH Frame/Cover	°fh	Existing Fire Hydrant
□epb	Existing Electric Pullbox	— — — 12 —	Existing Sewer Line
°imh	Existing Telephone Manhole	— — — 12 —	New 12" Sewer Line
°TMH	Adjusted Tel. MH Frame/Cover	°dmh	Existing Sewer Manhole
□ipb	Existing Telephone Pullbox	°SMH	Adjusted Sewer Manhole
— — — 12 —	Existing 12" Water Line	°SMH	New Sewer Manhole
°wmh	Existing Water Manhole	°mon.	Existing Monument
°WMH	Adjusted Water MH Frame/Cover	°MON.	Adjusted Monument
°av	Existing Water Air Valve	°MON.	New Monument
°AV	Adjusted Water Air Valve	---d--24---	Existing 24" Drain Line
°gv	Existing Water Valve Box	°admh	Existing Storm Drain Manhole
°GV	Adjusted Water Valve Box	°SDMH	Adjusted Storm Drain Manhole
□wm	Existing Water Meter Box	□gdi	Existing Grated Drop Inlet
°WM	Adjusted Water Meter Box	□GDI	New Grated Drop Inlet
°WM	New Type "X" Water Meter Box	■GDI	Adjusted/Reconstructed Drain Inlet or Replaced Steel Grate
▮	Existing Traffic Sign		
▮	New Traffic Sign		

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	03/09
DESIGNED BY	TRACED BY	
QUANTITIES BY		
NO.		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KUAMOO ROAD SAFETY IMPROVEMENTS

Vicinity of Opaekaa Falls

Federal-Aid Project No. HRRP-0580(4)

Date: March 2009

SHEET No. 1 OF 1 SHEETS