FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HRR-0560(12)	2013	3	25

## GENERAL NOTES

- 1. The scope of work for this project includes removing and installing traffic signs, pavement markings, crosswalk markings, pavement markers, guardrails, curb ramps, reflector markers and flashing beacons.
- 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. The Contractor shall notify One Call (Ph. 811) for utility toning a minimum of 3 weeks prior to starting work.
- 7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting striping operations.
- 8. 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 3:00°P.M. to 6:00 P.M., and during off work hours. Only one lane of highway shall be closed at any other time. No night work shall be performed. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of rental fees as specified in Section 108.09 of the Special Provisions.
- 9. The Contractor is notified of the existence of weight-posted one-lane bridges along Kuhio Highway (Route 560). Current weight limits are 15 tons at Hanalei Bridge and 8 tons for 6 bridges between Hanalei and Wainiha. Prior to crossing these bridges, the Contractor shall apply for an oversize/overweight/vehicle/load permit for each affected vehicle, equipment, and/or load at the State Highway's Division office (ph. 241-3015). The State reserves the right to disallow crossing of these bridges by loads exceeding the posted weight limits.
- 10. The Contractor shall remove and properly dispose of all existing pavement markings, raised pavement markers, and traffic tapes prior to installing new pavement markings and raised pavement markers. This work shall be considered incidental to the various contract items and will not be paid for separately.
- 11. Trimming and dressing of shoulder, 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. Suitable materials shall include materials from roadway excavation, including topsoil and base material therefrom, and if necessary, additional materials from borrow outside the limits of the right of way. This work shall be considered incidental to the various contract items.
- 12. No section where guardrails have been removed shall be left unshielded at the end of each work day. Open sections shall be shielded by portable physical barriers acceptable to the Engineer. Furnishing, placing, maintaining and removing portable physical barriers shall be considered incidental to the various contract items.

- 13. Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
- 14. 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.
- 15. 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. Benchmark's 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.
- 16. All new reference survey monuments shall be set under a Licensed Land Surveyor's direction. Copies of field notes, descriptions and values of the new survey monuments shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
- 17. 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.
- 18. No material and/or equipment shall be stockpiled or otherwise stored within the County right-of-ways.
- 19. 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 (Ph. 241-3000).
- 20. All workers within the State right-of-way who are exposed to either vehicles using the roadway or to construction equipment shall wear high-visibility safety apparel that meets the Performance Class 2 or 3 requirements of ANSI/ISEA 107-2004. "Workers" is defined as people on foot whose duties place them with the State right-of-way, such as, but not limited to construction and maintenance forces, equipment operators, survey crews, utility crews, responders to incidents (e.g., EMT and firemen), and law enforcement personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.
- 21. Removal and disposal of existing traffic signs shall be considered incidental to the various contract items.
- 22. Pursuant to Chapter 6E, HRS, in the event any artifacts or human remains are uncovered during construction operations, the contractor shall immediately suspend work, cordon off the area of the find and notify the State Department of Land and Natural Resources - Historic Preservation Division (ph. 808-692-8015), and Kauai Police Department (ph. 241-1711).

## LEGEND

	Serv-motor successory reaction in Collection		
l	Existing Electrical Line	smh	Existing Sewer Manhole
°jp	Existing Joint Pole	<u> </u>	Existing 6" Gas Line
°pp	Existing Power Pole	<sup>o</sup> mon.	Existing Monument
°emh	Existing Electric Manhole	-d-24-	Existing 24" Drain Line
t	Existing Telephone Line	°sdmh	Existing Storm Drain Manhole
°tp	Existing Telephone Pole	∃gdi	Existing Grated Drop Inlet
°tmħ	Existing Telephone Manhole	Cb	Existing Catch Basin
otpb	Existing Telephone Pullbox	þ	Existing Traffic Sign With 1 Post
	Existing Signal Corps Line		New Traffic Sign With 1 Post
- catv-	Existing TV Cable	þ	Existing Traffic Sign With 2 Posts
-W-12-	Existing 12" Water Line		New Traffic Sign With 2 Posts
°wmh	Existing Water Manhole	<del>\</del>	Existing Highway Lighting Standard
gv	Existing Gate Valve		New Flashing Beacon
wv	Existing Water Valve Box		Existing Single Metal Guardrail
$\bowtie_M$	Existing Water Meter		New Single Metal Guardrail
- of th	Existing Fire Hydrant	otalb	Existing Traffic Signal Light Box
8	Existing Sewer Line	[] Lpb	Existing Street Lamp Pullbox
			New Silt Fence

APPROVED: (For Work Within County Right of Way)

County Engineer County of Kauai 10.12.12

NEW WATSWOKA 4/30/14 SIGNATURE **EXPIRATION** DATE OF THE

THIS WORK WAS PREPARED BY ME

OR UNDER MY SUPERVISION

LICENSE

\NO. 10330-C/

DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & LEGEND

KUHIO HIGHWAY SAFETY IMPROVEMENTS

STATE OF HAWAII

HIGHWAYS DIVISION

Hanalei Bridge to Waikoko Bridge Fed-Aid Project No. HRR-0560(12)

Date: June 2012

SHEET No. 1 OF 1 SHEETS

