

GENERAL NOTES

1. The scope of work for this project includes removing existing, and repairing or installing new traffic signal systems, street name signs, and traffic signs.
2. Removal and proper disposal of all items (excluding pull box removal contract item) including traffic sign removals, shall be included within the scope of work of the various traffic signal system contract items.
3. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
4. 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.
5. 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.
6. 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.
7. Prior to beginning work on the project, the Contractor shall request toning of utilities from One Call Center, phone 811 or 1-866-423-7287.
8. No lane closures are allowed during normal working hours. Work performed between 8:00 p.m. and 5:00 a.m. of the following day is night work.
9. Existing drainage system shall 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 the various contract items.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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. 808-241-3023.

15. 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.
16. The existence location of traffic signal features as shown on the plans is approximate only and the accuracy is not guaranteed. The encountering of other features during the course of work is possible. The Contractor shall utilize best available means to locate pullboxes that have been obscured from road resurfacing or by encroaching vegetation. The work of locating, area clearing and grubbing, and notating changes to traffic signal features' positions on the as-built plans shall be considered incidental to the various work items.
17. All saw cutting work shall be considered incidental to the various contract items and will not be paid for separately.
18. Contractor shall exercise extreme care when working on overhead mast arms, and is reminded of the requirements of Subsection 107.11 - Safety: Accident Prevention.
19. Removal and disposal of all replaced traffic signal items, waste materials, and debris to be removed during construction activities shall be considered incidental to their respective bid items.
20. Pursuant to Chapter 6E, HRS, in the event any artifacts or human remains are uncovered during construction operations, the contractor shall immediately suspend work and notify the State Department of Land and Natural Resources - Historic Preservation Division (ph. 808-692-8015), and Kauai Police Department (ph. 241-1711).
21. The project sites are traversed by one endangered endemic bird, the Hawaiian Petrel, and one threatened endemic bird, the Newell's Shearwater. To reduce the possibility that these nocturnal flying birds may become disoriented and downed by construction lighting, nighttime construction will be allowed between December 16 through September 14, and prohibited between September 15 through December 15, annually.
22. Prior to approval of nighttime construction work, the Contractor shall submit for the Engineer's acceptance a Seabird Response Plan, which includes:
- a) Response plan for circling/downed birds when lights may be turned off temporarily if it is safe for workers and if birds are circling lights.
- b) Seabird awareness training for staff (this should be verified on their personnel file).
- c) A list of qualified bird rescue contact(s) such as the Save Our Shearwaters program (SOS), a local vet or rehabilitation center, or Hawaii Division of Forestry and Wildlife (DOFAW) representative.
- d) Maintaining a pet carrier on site at all times with instruction on how and where to keep recovered birds.
- e) Logging seabird incidents that are submitted to DOFAW within 48 hours of discovery.
- f) Refer to Section 671- Protection of Seabirds for additional requirements.
23. 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.
24. Prior to beginning work operations, the Contractor shall arrange to perform a site walkthrough in conjunction with the State Highway's Engineer or Inspector at all 5 intersection sites. This work shall be considered incidental to the various contract items.

25. If existing mast arms are removed for painting, provide temporary signals meeting the requirements in the 2009 MUTCD.

LEGEND

	Existing Pedestrian Signal Head		Existing Metal Guardrail
	Existing Pedestrian Pushbutton		Existing Fire Hydrant
	Existing Power Pole		Existing Sewer Line
	Existing Electric Manhole		New 12" Sewer Line
	Adjusted Elec. MH Frame/Cover		Existing Sewer Manhole
	Existing Electric Pullbox		Adjusted Sewer Manhole
	Existing Telephone Manhole		New Sewer Manhole
	Adjusted Tel. MH Frame/Cover		Existing Monument
	Existing Telephone Pullbox		Existing 24" Drain Line
	Existing 12" Water Line		Existing Storm Drain Manhole
	Existing Water Manhole		Existing Grated Drop Inlet
	Existing Water Valve Box		Existing Traffic Sign
	Existing Water Meter Box		New Traffic Sign
	Existing Water Air Valve		

ORIGINAL PLAN	DESIGNED BY	DATE
NOTED BY	DRAWN BY	
CHECKED BY	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

Traffic Signal Rehabilitation at  
Various Locations, Kauai  
Project No. HWY-K-01-15M

Date: Feb., 2016

SHEET No. 1 OF 1 SHEETS