

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-072-1(55)	2009	3	17

GENERAL NOTES

1. The scope of work for this project consists of installation of centerline rumble strips, reflector markers, milepost reference markers, pavement markings, striping, and signage.
2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts, which requires him to perform work to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. The Contractor's attention is directed to the following Sections: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; 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 tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work, such as the placement of sign posts, traffic signal conduits, etc. may affect these properties. Toning shall be considered incidental to the various contract items and will not be paid for separately. 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, the Oahu Transit Services, Lowell Tom (848-4578) or Ed Sniffen (848-4571), two (2) weeks prior to construction, informing them of location, scope of work, and closure of Name of Highway and/or traffic lanes and dates of closure. (For Oahu projects only. For other islands, check with your local bus company.)
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
8. The Contractor shall obtain a Community Noise permit from the State Department of Health, Noise and Radiation Branch, 591 Ala Moana Blvd., Room 136, Honolulu, HI 96813-2498; Telephone No. 586-4700. This shall be considered incidental to the various contract items and will not be paid for separately.
9. The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
10. 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 any culvert work or the various contract items and will not be paid for separately.
11. The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to bulk of work or the various contract items and will not be paid for separately.
12. All saw cutting work shall be considered incidental to Roadway Excavation or Asphalt Concrete or Various Contract Items and will not be paid for separately.

13. The Contractor shall provide and maintain for access to and from all existing driveways , sidewalks and ADA access routes complying with ADAAG Section 4.3, and side streets and cross streets at all times. This work shall be considered incidental to curb ramps, or sidewalk, or the various contract items and will not be paid for seperately.
14. The Contractor shall provide and maintain a temporary pedestrian-safe and easily accessible route or detour with barricades in or near the work zone. This temporary route or detour shall be paved at least an inch of Asphalt Concrete Pavement, Mix No. V or steel and/or wood planks and shall be American With Disabilities Act (ADA) compliant [This is only applicable if existing surface is dirt and/or if existing surface is non-ADA compliant.]. This work shall be incidental to curb ramps, or sidewalk, or the various contract items and will not be paid for seperately.
15. The Contractor shall remove and dispose of all existing raised pavement markers, thermoplastic line markings, traffic tapes, and epoxy adhesives prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for seperately.
16. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designed in writing and approved by the Engineer.

LEGEND

- e— Existing Electrical Line
- °jp Existing Joint Pole
- °pp Existing Power Pole
- t— Existing Telephone Line
- °ip Existing Telephone Pole
- °tmh Existing Telephone Manhole
- Δc— Existing Signal Corps Line
- tv— Existing TV Cable
- Δ.L.C.— Existing Sandwich Isles Communication Line
- w—12— Existing 12" Water Line
- °wmh Existing Water Manhole
- °av Existing Water Air Valve
- °wv Existing Water Valve Box
- wm Existing Water Meter
- °fh Existing Fire Hydrant
- Δ—12— Existing Sewer Line
- °Δmh Existing Sewer Manhole
- ⊙mon. Existing Monument
- ⊙MON. New Monument
- d--24--- Existing 24" Drain Line
- °Δdmh Existing Storm Drain Manhole
- SDMH New Storm Drain Manhole
- gdi Existing Grated Drop Inlet
- cb Existing Catch Basin
- Δsign Existing Traffic Sign
- hl Existing Highway Lighting Standard
- hlpb Existing Highway Lighting Pullbox
- °tΔp Existing Traffic Signal Pole
- tΔpb Existing Traffic Signal Pullbox
- TSPB Adjusted Traffic Signal Pullbox
- Existing Metal Guardrail

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	
BOOK	DESIGNED BY	
10/10/09	QUANTITIES BY	
	REVIEWED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KALANIANA'OLE HIGHWAY
SAFETY IMPROVEMENTS
Blow Hole to Lunalilo Home Road
Federal Aid Project No. HSIP-072-1(55)

Date: July 2009

SHEET No. 1 OF 1 SHEETS