

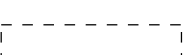






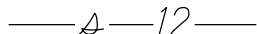





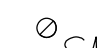
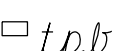
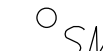
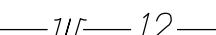










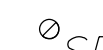

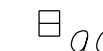



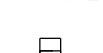





1. The scope of work for this project includes excavation and installing concrete swale.
 2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
 3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities and Services; and Section 645 - Work Zone Traffic Control.
 4. 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.
 5. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
 6. 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.
 7. 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 6:30 P.M., and during off work hours, Only one lane of highway shall be closed at any other time. Night works shall not be allowed on this project. Failure of the Contractor to open all lanes of traffic beyond the allowable lane closure hours specified above shall result in assessment of rental fees as specified in Section 108.09 - Rental Fees for Unauthorized Lane closure or Occupancy. of the Special Provisions.
 8. 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.
 9. 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.
 10. 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.
 11. Prior to construction, the contractor shall contact the various utility agencies for location of existing utilities within the project limits. The Contractor shall locate and protect all existing utilities whether or not shown on the plans, Any costs incurred by damages to existing utilities will be borne by the Contractor. Contractor shall request from One-Call Center, Ph: 1-866-423-7287. The Contractor shall also call the County of Kauai, Department of Water, Ph: 245-5444 and the Wastewater Division, Ph: 241-6642 for toning waterlines and sewerlines respectively.
 12. All works of toning, probing, hand digging and all other means of utility verifications shall not be paid for separately, but shall be considered incidental to the various contract items.
 13. 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.
 14. 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.
 15. The Contractor, at his own expense shall hydro-mulch and maintain per Section 641 - Hydro-Mulch Seeding of the HDOT Standard Specification all areas disturbed by his operations.
 16. 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.
 17. 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.
 18. Should historic remains such as artifacts, burials, concentrations of shell or charcoal be encountered during construction activities, work shall cease immediately in the immediate vicinity of the find. The Contractor shall immediately notify the Planning Department at (808) 241-4050 and State Historic Preservation Division at (808) 692-8015, which will assess the significance of the find and recommend the appropriate mitigation measures, if necessary.
 19. The Contractor shall take measures to reduce the spread of invasive species (eg. Rapid 'Ohi'a Death) such as by minimizing the movement of plant or soil material between worksites, such as fill. Additionally, all equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive species.
 20. Removal and disposal of unsuitable materials shall be considered incidental to various contract prices and will not be paid separately
 21. Preparation of subgrade, excavation, backfill and welded wire fabric shall not be paid separately, but shall be considered incidental to Item No. 503.1010-Concrete Swale.

LEGEND

	Reconstruction Areas		Existing Metal Guardrail
	Cold-planing Areas & Resurfacing Limits		New Metal Guardrail
	Existing Power Pole		Adjusted and/or Relocated Metal Guardrail
	Existing Electric Manhole		Existing Fire Hydrant
	Adjusted Elec. MH Frame/Cover		Existing Sewer Line
	Existing Traffic Signal Pullbox		New 12" Sewer Line
	Existing Telephone Manhole		Existing Sewer Manhole
	Adjusted Tel. MH Frame/Cover		Adjusted Sewer Manhole
	Existing Telephone Pullbox		New Sewer Manhole
	Existing 12" Water Line		Existing Monument
	Existing Water Manhole		Adjusted Monument
	Adjusted Water MH Frame/Cover		New Monument
	Existing Water Air Valve		Existing 24" Drain Line
	Adjusted Water Air Valve		Existing Storm Drain Manhole
	Existing Water Valve Box		Adjusted Storm Drain Manhole
	Adjusted Water Valve Box		Existing Grated Drop Inlet
	Existing Water Meter Box		New Grated Drop Inlet
	Adjusted Water Meter Box		Adjusted/Reconstructed Drain Inlet or Replaced Steel Grate
	New Type "X" Water Meter Box		
	Existing Traffic Sign		
	New Traffic Sign		

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY <u>X</u>	<u>X</u>
NOTE BOOK	TRACED BY	
<i>Reference</i>	DESIGNED BY <u>X</u>	
	QUANTITIES BY	
N ^o .	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

KUHIO HIGHWAY (ROUTE 560)

DRAINAGE IMPROVEMENTS

Vicinity of Limahuli Garden

Project No. 560A-02-23M

Scale: NA Date: April 2023