GENERAL NOTES

- 1. The scope of work for this project includes construction of concrete barrier, sidewalk and pavement section, installation of crush attenuator and reflector marker, and removal of traffic sign.
- 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 the hours from 6:30 AM to 8:30 AM. during afternoon peak hours from 3:30 PM to 6:30 PM, 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 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. (808) 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. (808) 245-5444 and the Wastewater Division, Ph. (808) 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.
- 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 excercise extreme caution to preserve all existing right-of-way centerline, as-built, construction, and NGS (horizontal and vertical in the NGS database) monuments located within the State of Hawaii right-of-way, If monuments are disturbed or destroyed, the Engineer shall be notified. Reconciliation to the Right-of-Way Baseline and/or boundary study and determination may be required prior to re-installation of the disturbed or destroyed monuments. The Engineer shall be contacted for guidelines and procedures prior to construction.

A State of Hwaii Licensed Surveyor shall perform the location and staking of the reset monument. The DOT Standard Plans and Specifications, with the exception of NGS monuments which shall have a NGS approved "brass disk" marker, shall be referenced for the monument type and materials.

Any NGS vertical monuments that are deemed necessary for relocation due to construction shall follow the NGS benchmark reset procedures written by Curtis Smith dated September 2010 or newer. All work must be done by an electronic digital level that is acceptable by NGS for second-order class one or higher work. The surveyor must use two one-piece invar barcode rods with current certifications with struts with 15 lbs turning plate or turtles; and/or turning pin with driving cap and temperature readings. Contact NGS prior to any work to ensure all equipments meets reset specifications. A State of Hawaii Licensed Surveyor shall perform the relocation. All work must be submitted both in electronic and hard copy formats to NGS and the Engineer.

All monument work shall be considered incidental to this project, unless noted otherwise.

- 17. All saw cutting work shall be considered incidental to various contract items and will not be paid separately.
- 18. Furnishing and construction of the concrete moss rock stamp pattern, additional rock salt texturing, submittals, test panel(s), and all work related to the moss rock stamping will not be paid for separately but shall be considered incidental to Item No. 503.0100 Concrete Barrier.
- 19. Furnishing and installation of reinforcing bars, tie wires, roofing felt, and flashing compound waterproofing, and all work related to construction of conrete barrier not mentioned otherwise will not be paid for separately but shall be considered incidental to Item No. 503.0100 Concrete Barrier.
- 20. Furnishing and installation of wire mesh, epoxy grout and premolded joint filler with shall be considered incidental to Item No. 634.0100 Portland Cement Concrete Sidewalk and will not be paid separately.
- 21. Removal and disposal of concrete curb shall be concsidered incidental to various contract prices.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-01-24M	2025	3	15

LEGEND

Reconstruction Areas

------ Cold-planing Areas \$
L----- Resurfacing Limits

°pp Existing Power Pole
°emh Existing Electric Manhole
°EMH Adjusted Elec. MH Frame/Cover

TMH Existing Traffic Signal Pullbox

otmh Existing Telephone Manhole

otmh Adjusted Tel. MH Frame/Cover

□tpb Existing Telephone Pullbox

—w—12— Existing 12" Water Line

owmh Existing Water Manhole

**WMH Adjusted Water MH Frame/Cover

**Oav Existing Water Air Valve

**Adjusted Water Air Valve

owv Existing Water Valve Box
own Adjusted Water Valve Box
own Existing Water Meter Box

~wm Adjusted Water Meter Box ~wm New Type "X" Water Meter Box

Existing Traffic SignNew Traffic Sign

___ Existing Metal Guardrail
___ ■ New Metal Guardrail

——S—12— New 12" Sewer Line ○ omh Existing Sewer Manhole

SMH Adjusted Sewer Manhole

•_{SMH} New Sewer Manhole •_{mon.} Existing Monument

Mon. Adjusted Monument

Mon. New Monument

----d---24--- Existing 24" Drain Line

o_{Admh} Existing Storm Drain Manhole
o_{SDMH} Adjusted Storm Drain Manhole

Badi Existing Grated Drop Inlet

 \exists_{GDI} New Grated Drop Inlet

Adjusted/Reconstructed Drain GDI Inlet or Replaced Steel Grate

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES \$ LEGEND

<u>KUHIO HIGHWAY</u> <u>CONCRETE BARRIER INSTALLATION</u> <u>Viciity of Lanikai Street</u>

<u>Project No. 56A-01-24M</u> Scale: NA Date: M

SHEET No. 1 OF 1 SHEETS

