GENERAL NOTES

- The scope of work for this project includes widening the existing roadway pavement, construction of concrete sidewalk, curb and gutter, removing existing grated drop inlet, construction of catch basin, removing and installing pavement markings, and traffic signs, cold planing and asphalt concrete paving, slurry seal of existing asphalt pavement, and hydro-mulch seeding of graded shoulder.
- 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 various items and shall not be paid separately.
- 5. The contractor shall notify the Engineer in writing, through the e-construction platform, two (2) weeks prior to starting of his operations.
- 6. At the end of each day's work, the Contractor shall remove all equipment and other obstruction to permit free passage of public traffic and pedestrians.
- 7. All lanes shall be open to traffic during peak hours from 6:30 a.m. to 8:30 a.m., during afternoon pak 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 working hours are specified in Section 107 of the Special Provisions. 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 Rental Fees for Unauthorized Lane Closure or Occupancy.
- 7a. Work shall be performed at night between 8:30 p.m. and 5:00 a.m. of the following day, Sunday through Thursday, excluding holidays. Work outside of these hours are permissible when approved by the Engineer in writing.

The allowable lane closure hours during night work, except holidays shall be as follows:

Sunday thru Thursday, 9:00 p.m. to 1:00 midnight Monday thru Friday, 12:00 midnight to 5:00 a.m.

- 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.
- No material 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. Prior to start of work, the contractor shall obtain a permit to use the property with the highway right-of-way from the State Highways Division at telephone no. (808) 241-3000 or dot.hwyk.permits@hawaii.gov.
- 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 locateand protect all existing utilities whether or not shown on the plans, Any cost 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) 245-5400 and the Wastewater Division, Ph. (808) 241-6642 fortoning waterlines and sewerlines respectively. The Contractor shall document this effort in the e-construction platform.
- 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 time. This work shall be considered incidental to the various contract items.
- 14. Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, and tools to maintain flow. This work shall be considered incidental to various contract items.
- 15. The Contractor, at his own expense, shall keep the project area and surrounding area free from dust nuisance.
- 16. Smooth riding connections shall be constructed at all limits of constrction, including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans, unless otherwise approved in writing by the Engineer.
- 17. Contractor shall exercise 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 Hawaii 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.

- 18. No sections where guardrail has been removedshall be left unattended at the end of each work day. Open sections shall be shielded by Portable Concrete Barrier unless otherwise approved by the Engineer. For Portable Concrete Barrier details, refer to Standard Plans TE-42 and TE-43. Furnishing, installing, and maintaining of these devices shall be considered incidental to the various contract items and will not be paid separately.
- 19. Removal and disposal of existing traffic signs shall be considered incidental to the various contract items and will not be paid separately.

- FED. ROAD DIST. NO. STATE PROJ. NO. FISCAL YEAR NO. SHEETS NO. SHEETS NO. Removal and disposal of the existing grated drop inlet, including trimming/
- cutting of the existing culvert to tie-in to the new basin, shall be considered incidental Item 604.0300- Type D Catch Basin 5.99'.

 21. Removal and disposal of existing curb \$\psi\$ gutter, and sidewalk, including drilling for dowels with epoxy, and wire mesh, shall be considered incidental for the

reconstruction of ramp and landing of new crosswalks and tie-in of the new and

22. Removal and disposal of pavement markings and stripings shall be considered incidental to Item 404.0300 - Slurry Seal.

old curb \ gutter, and sidewalk.

- 23. All saw cutting work and removal shall be considered incidental to various contract items and will not be paid separately.
- 24. The Contractor, at his own expense sha hydro-mulch and maintain per Section 641 Hydro-Mulch Seeding of the HDOT Standard Specification all areas disturbed by his opreations.
- 25. Earth swale shall be graded to drain. Graded swales ans shoulder shall be grassed. This work shall be considered incidental to the various contract items.
- 26. Trimming and dressing of shoulder, sidewalk and bus turnout 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. Asphalt concrete removed from cold planing, reconstruction and roadway excavation shall not be used for dressing of shoulders, sidewalk or bus turnout. This work shall be considered incidental to the various contract items.
- 27. Prior to his paving operations, the Contractor shall be responsible for locating, preserving and marking all utilities \$\psi\$ highway facilities that will require adjustments to the new finished pavement grade. Additionally, the Contractor shall submit to the Engineer a list of all items, including water, drainage, sewer, electrical, telephone and cable utilities to be adjusted to the new finished grade.
- 28. The exact locations and limits or areas to be excavated, reconstructed and cold planed shall be determined in the field by the Engineer.
- 29. All asphalt concrete materials from cold planing, reconstruction and roadway excavation operations shall become the property of the Contractor. The Contractor shall remove and dispose these materials and shall be considered incidental to various contract items. The Contractor shall provide the Solid Waste Disclosure notice to the HDOT Engineer.
- 30. At the end of each day's paving operations, temporary pavement markers and striping shall be in place prior to leaving the site.
- 31. After completion of resurfacing, the Contractor and the Engineer will test for, and determine ponding areas (i.e. low spots within the resurfaced area). It shall be the responsibility of the Contractor to correct and resurface and/or repair all such ponding areas.
- 32. Slope protection should be established as soon as cut or fill slope is completed to reduce erosion potential.

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

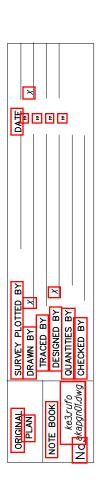
RICE STREET IMPROVEMENTS
Nawiliwili Bridge to
Kauai Veterans Memorial Highway

Project No. 51AB-01-23

Date: Sept. 2024

SHEET No. 1 OF 2 SHEETS

3



GENERAL NOTES (Cont'n)

- 33. No Contractor shall perform any grading work operations to cause rocks, soil, or debris in any from to fall, slide or flow onto adjoining properties, streets, or natural watercourse.
- 34. No Grading work shall be done on Saturadys, Sundays, and Holidays, unless otherwise approved by the Engineer.
- 35. Temporary measures to control erosion and other pollutants shall be placed before any earth moving phase of the grading is initiated. Temporary erosion control shall not be removed before permanent erosion controls are in place and established. Temporary erosion control procedures shall be submitted to the Engineer for review and approval. This work shall be considered incidental to the various contract items and will not be paied separately.
- 36. Grading permit is required from the County "Department of Public Works" for the disposal of waste excavated materials. Disposal site shall comply with the County's Sediment and Erosion Control Ordinances No. 808. This work shall be considered incidental to the various contract items and will not be paid separately.
- 37. No material or equipment shall be stored within County righ-of-way, unless otherwise approved by the County and Engineer.
- 38. A Road Permit is required from the County "Department of Public Works" for the construction and warning sign installation within County righ-of-way. Road Permit is applied for. Additional, the applicant will need to provide Certificate of Liability Insurance naming the County as additional Insured. This work shall be considered incidental to the various contract items and will not be paid separately.

<u>LEGEND</u>

	Reconstruction Areas		Existing Metal Guardrail
	Cold-planing Areas \$		New Metal Guardrail
	Resurfacing Limits		Adjusted and/or Relocated Metal Guardrail
°pp	Existing Power Pole	- b - fh	Existing Fire Hydrant
$^{\circ}$ emh	Existing Electric Manhole	S12	Existing Sewer Line
<i>®</i> EMH	Adjusted Elec. MH Frame/Cover	S12	New 12" Sewer Line
□tspb	Existing Traffic Signal Pullbox	°smh	Existing Sewer Manhole
°tmh [⊕] TMH	Existing Telephone Manhole Adjusted Tel. MH Frame/Cover	*SMH	Adjusted Sewer Manhole
□tpb	Existing Telephone Pullbox	•SMH	New Sewer Manhole
W12	Existing 12" Water Line	©mon.	Existing Monument
$^{\circ}$ wmh	Existing Water Manhole	⊛ MON.	Adjusted Monument
[™] WMH [○] av	Adjusted Water MH Frame/Cover Existing Water Air Valve	© _{MON} .	New Monument
AV	Adjusted Water Air Valve	d24	Existing 24" Drain Line
OWV	Existing Water Valve Box	°sdmh	Existing Storm Drain Manhole
•WV	Adjusted Water Valve Box	• SDMH	Adjusted Storm Drain Manhole
$\Box wm$	Existing Water Meter Box	SDINITI	That are a second of the secon
™ WM	Adjusted Water Meter Box	$^{\boxminus}gdi$	Existing Grated Drop Inlet
$\Box WM$	New Type "X" Water Meter Box	$\exists GDI$	New Grated Drop Inlet
þ	Existing Traffic Sign		Adjusted/Reconstructed Drain
•	New Traffic Sign	\Box GDI	Inlet or Replaced Steel Grate

FED. ROAD DIST. NO. STATE PROJ. NO. FISCAL YEAR NO. SHEETS

KAUAI HAW. 51AB-01-23 2025 4 28

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

RICE STREET IMPROVEMENTS

Nawiliwili Bridge to

Kauai Veterans Memorial Highway Project No. 51AB-01-23

Date: Sept. 2024

SHEET No. 2 OF 2 SHEETS

1

