GENERAL NOTES:

- The scope of work for this project includes construction of overhead sign structures, sign frames, and drilled shafts; reconstruction of concrete barriers, glare screens; grading; installation of destination sign panels, pavement markings; modifications to the electrical conduits and pullboxes; maintenance and removal of temporary erosion control measures; and traffic control.
- 2. Subsection 105.16(A) Subcontract Requirements requires the Contractor to perform work amounting to not less than 30 percent of the total contract cost less deductible items.
- 3. The Contractor's attention is directed to the following Sections of the Standard Specifications and the Special Provisions: Subsection 104.09 - Maintenance of Traffic; Subsection 105.09 - Coordination Between the Contractors; Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 107.12 - Protection of Persons and Property; 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. 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. Construction of this project shall not affect transit operations. Bus routes and bus stops shall remain open and accessible at all times. Any work affecting bus operations, routes, or stops must be submitted to DTS-TMD for review no less than 30 days prior to the start date.

Point of Contact Information (Notification is required to all phone numbers and emails listed below):

DTS-TMD (808) 768-8371 thebusstop@honolulu.gov handivan@honolulu.gov

Oahu Transit Services - Bus Operations (808) 768-9520 (808) 768-9534 Sean-bennett.paio@thebus.org Joshua.vaoalii@thebus.org Walter.oba@thebus.org

Oahu Transit Services - Paratransit Operations (808) 768-9802

(808) 768-9851 (808) 454-5021 Tracie.coelho@thebus.org Richard.mole@thebus.org

7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.

- 8 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.
- 9. The existing drainage system shall be kept functional at all times during construction. Furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
- 10. Smooth riding connections shall be constructed at all limits of the project, including the beginning and end of project, connecting approaches, and walkways as shown on the plans and/or as ordered by the Engineer. This work shall be considered incidental to the various contract items and will not be paid separately.
- 11. All saw cutting work including vacuuming of slurry shall be considered incidental to the various contract items and will not be paid for separately.
- 12. No material or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations shown on the plans or designated in writing and approved by the Engineer.
- 13. When trench excavation is adjacent to existing structures or facilities, the Contractor is responsible for properly sheeting and bracing the excavation and stabilizing the existing ground to render it safe and secure from possible slides, cave-ins, and settlement. Provide beams, struts, or underpinning as necessary. This work shall be considered incidental to the various contract items.
- 14. For night work, the Contractor shall follow all work hours, conditions, and other restrictions as specified in the noise variance, construction phasing plans, and the Special Provisions.
- 15. All graded areas and all grassed areas damaged by construction activities shall be planted in accordance with Specifications Section 641 - Hydro-Mulch Seeding. This work shall be considered incidental to the various contract items.
- 16. The Contractor shall restore any damaged benchmarks or survey monuments. This work shall be considered incidental to the various contract items.
- 17. The Contractor shall provide and maintain access to and from all existing driveways, sidewalks, ADA access routes complying with 2010 ADAAG Section 206.1, side streets, and cross streets at all times. This work shall be considered incidental to various contract items and will not be paid for separately.
- 18. The Contractor shall coordinate with the Honolulu Police Department Special Duty Section to hire police officers for traffic control operations and transporting project equipment to ensure minimal delay due to lane closures. Payment shall be included in various traffic control pay items.
- 19. Work required to complete the project but not itemized specifically in the proposal shall be considered incidental to the various contract items and shall not be paid for separately.

FED. ROAD DIST. NO. FEDERAL AID PROJ. NO. HAWAII | HAW. | NH-0300(205) | 2024

- 20. All azimuths and coordinates are referred to Hawaii State Plane, NAD83, Zone 3, US Feet.
- 21. Benchmarks:

Site H201R-874 HCTC-46 Brass Disk, Elev. 83.51 Ft., MSL

Site H1WB-421

Vert: RM 155 (Firm) "□" Cut on Bridge Railing, Elev. 44.03 Ft., MSL

Site H1EB-104

Vert: NGS "SOH 41" Brass Disk, Elev. 160.63 Ft., MSL

Site H1ER-260

HCTC-117 (City Transit Control) Top of Brass Disk, Elev. 26.23 Ft., MSL

Site H2NBR-722

HRT-103 Top of Brass Disk, Elev. 52.76 Ft., MSL

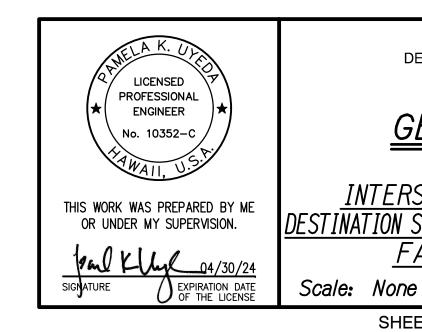
Site 78WB-853

Horiz: "SALT LAKE" Triangulation Station Vert: NGS "Chiqui", Brass Disk, Ele. 83.38 Ft., MSL

22. 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, must be preserved and displayed on the plans. All monuments shall be preserved during all design and construction phases. If monuments are disturbed or destroyed, the Cadastral Engineering Section (HWY-DC) shall be notified prior to groundbreaking. Reconciliation to the Right-of-Way Baseline and/or a boundary study and determination may be required prior to re-installation of the disturbed or destroyed monuments. HWY-DC shall be contacted for quidelines and procedures. As to construction, a State of Hawaii Licensed Surveyor shall perform the location and staking of the reset monument. The DOT Standard Plans \$ 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 equipment 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 HWY-DC.

All monument work shall be considered incidental to this project.



DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

GENERAL NOTES

INTERSTATE ROUTE H-1 AND H-201 DESTINATION SIGN UPGRADE/REPLACEMENT, PHASE 3E FAP NO. NH-0300(205)

SHEET No. *N-1* OF 15 SHEETS

Date: Oct. 2023

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-0300(205)	2024	4	197

PUBLIC HEALTH, SAFETY AND CONVENIENCE NOTES:

- 1. The Contractor shall observe and comply with all Federal, State, and Local laws required for the protection of public health and safety and environmental quality.
- 2. The Contractor, at his own expense, shall keep the project and its surrounding areas free from dust nuisance. The work shall be in conformance with the air pollution standards and regulations of the State Department of Health. The City may require supplementary measures as necessary.
- 3. The Contractor's attention is directed to Chapter 448, Public Health Regulations, Department of Health, State of Hawaii, "Community Noise Control for Oahu" in which maximum allowable noise levels have been set. If the construction activities for this project will exceed the allowable noise levels, the Contractor will be required to obtain a permit from the Director of the Department of Health. The Contractor shall obtain a copy of Chapter 448 and become familiar with the noise level restrictions and the procedures for obtaining a Permit for construction activities.
- 4. The Contractor is to comply with the directions of the State of Hawaii Occupation Safety and Health Law (DOSH).

HISTORICAL PRESERVATION NOTES:

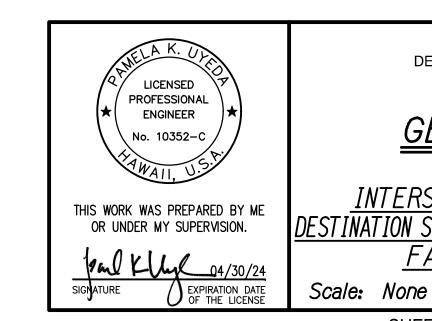
- 1. If non-burial historic properties are encountered, all earth-moving activity within and around the find shall be diverted until a qualified archaeologist can assess the nature and significance of the find, pursuant to HAR §13-280.
- 2. If burials (human remains) are encountered, all activities shall cease in and around the find, the State Historic Preservation Division and the Honolulu Police Department shall be contacted, and all treatment shall be in accordance with HAR §13-300-40.

NOTES FOR PROTECTION OF ENDANGERED SPECIES:

- 1. If nighttime construction occurs, all lighting shall be shielded and directed towards the ground to avoid attracting adult seabirds as they travel from the ocean to their breeding areas. No night work will be allowed during the shearwater fledging period of September 15th to December 15th. In the event a seabird is downed as a result of construction activities, DLNR's Division of Forestry and Wildlife (DOFAW) shall be contacted immediately.
- 2. Automatic motion sensor switches and timer controls shall be installed on all outdoor lights or manually turned off when activity is not occurring in the lighted area. Only areas under active construction will be illuminated during nighttime work.
- 3. Woody plants taller than 15 feet shall not be disturbed, removed, or trimmed during the bat birthing and pup-rearing season between June 1st and September 15th.

CITY AND COUNTY OF HONOLULU DEPARTMENT OF TRANSPORTATION SERVICES (DTS) STREET USAGE NOTE:

At no time outside of the allowable lane closure hours specified in the construction phasing schedule shall any lanes be obstructed either temporarily or momentarily that prevents the free movement of traffic by any equipment, vehicle, traffic control device, signage or person controlled by the Contractor. Non-compliance will result in the immediate revocation of the Street Usage permit. DTS will cause all construction activities to cease. The Contractor may apply for a new Street Usage permit only after meeting with the DTS.



DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

GENERAL NOTES

INTERSTATE ROUTE H-1 AND H-201 DESTINATION SIGN UPGRADE/REPLACEMENT, PHASE 3B FAP NO. NH-0300(205)

SHEET No. *N-2* OF *15* SHEETS

SURVEY PLOT
DRAWN BY
TRACED BY
DESIGNED BY
QUANTITIES
CHECKED BY

Date: Oct. 2023

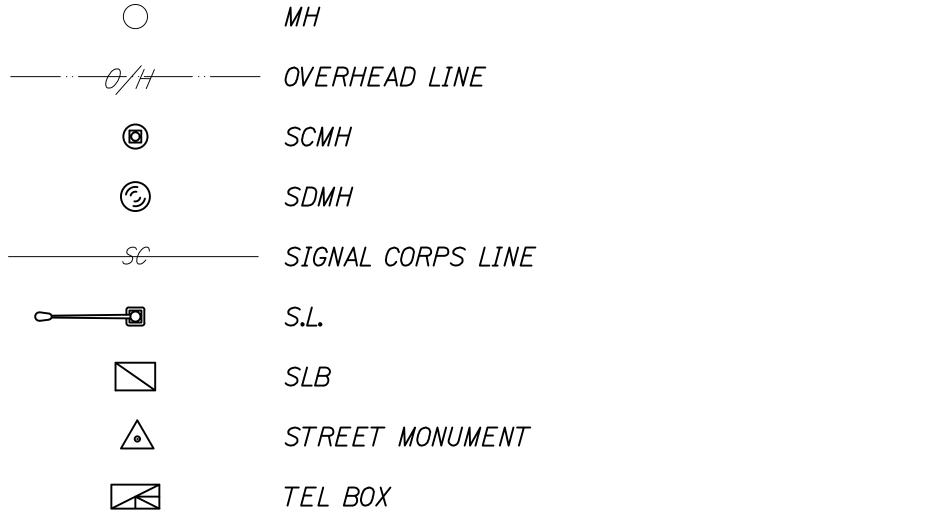
FEDERAL AID PROJ. NO. FISCAL YEAR HAWAII HAW. NH-0300(205) 2024 <u>LEGEND:</u> ABBREVIATIONS: Asphalt Concrete Manhole <u>EXISTING</u> Baseline Not to Scale

CATV BOX TELEPHONE LINE TREE U.P/S.L. 24" DRAIN LINE U.P./CONDUIT ---- ELEC MH UTILITY BOX ELEC. BOX 6" WATERLINE 2" GAS LINE

Bottom Curb On Center BOT. Bottom Overhead Bottom Wall Panal Box / Pull Box BWCable Television Power Pole Catch Basin Reflector CLF Chain Link Fence Raised Pavement Marker Right COL. Column Right of Way COMM Communications CONC. Concrete Sewer Diameter or Drain Signal Corps Drain Inlet SCMH Signal Corps Manhole E/ELEC. Electric SDMH Storm Drain Manhole ELEV/EL. Elevation Sheet SHT. Electric Manhole Street Light EMHEdge of Pavement Street Light Box Edge of Shoulder Station EXIST. Existing Top Curb Telephone Gas Guy Wire Top Wall Height Typical HMAHot Mix Asphalt Utility Pole INV. Invert Water **JBPHH** Joint Base Pearl Harbor Hickam Water Valve L.F. Linear Feet

Lamp Pole / Light Pole

Left



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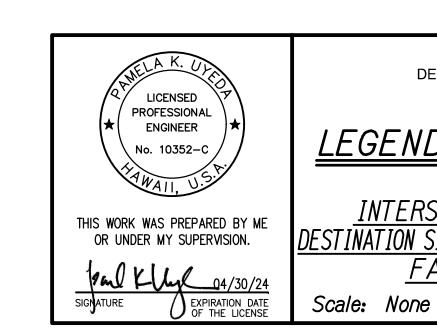
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ATE::::

G.W.

L.P.

TEL. MH



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

LEGEND \$ ABBREVIATIONS

INTERSTATE ROUTE H-1 AND H-201 DESTINATION SIGN UPGRADE/REPLACEMENT, PHASE 3B

Date: Oct. 2023 SHEET No. *N-3* OF *15* SHEETS