

GENERAL NOTES:

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|------------------------|-------|--------------------------|----------------|--------------|-----------------|
| FED. ROAD DIST. NO. | STATE | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-0300(205) | 2024 | 3 | 197 |

1. 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.

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 HIWB-421
Vert: RM 155 (Firm) "□" Cut on Bridge Railing, Elev. 44.03 Ft., MSL

Site HIEB-104
Vert: NGS "SOH 41" Brass Disk, Elev. 160.63 Ft., MSL

Site HIER-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 "Chigui", 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 guidelines 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.






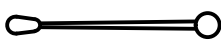





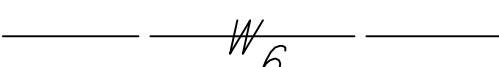

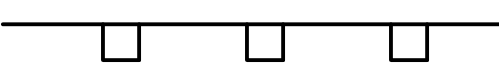
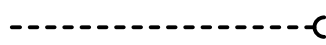
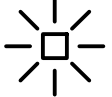

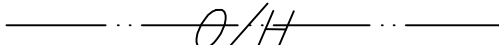






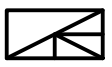

Any NGS vertical monuments that are deemed necessary for relocation due to construction shall follow the NGS benchmark reset procedures written by Curtis Smith dated September 2010 or newer. All work must be done by an electronic digital level that is acceptable by NGS for second-order class one or higher 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.

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| <div><div><div><div><div><div></div><div>PAMELA K. UYEDA</div></div></div><div><div><div></div></div><div><div>LICENSED PROFESSIONAL ENGINEER</div></div><div><div>No. 10352-C</div></div></div><div><div><div></div></div><div>HAWAII, U.S.A.</div></div></div></div><div><div>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</div><div><div><div><div></div><div>PAMELA K. UYEDA</div></div></div><div>04/30/24</div></div><div><div>SIGNATURE</div><div>EXPIRATION DATE OF THE LICENSE</div></div></div></div> | <div>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</div> <div><u>GENERAL NOTES</u></div> <div><u>INTERSTATE ROUTE H-1 AND H-201</u> <u>DESTINATION SIGN UPGRADE/REPLACEMENT, PHASE 3B</u> <u>FAP NO. NH-0300(205)</u></div> <div>Scale: NoneDate: Oct. 2023</div> |
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LEGEND:

| EXISTING | | | |
|---|-------------------|---|----------------|
|  | CATV BOX |  | TELEPHONE LINE |
|  | DI |  | TREE |
|  | 24" DRAIN LINE |  | U.P./S.L. |
|  | ELEC. LINE |  | U.P./CONDUIT |
|  | ELEC MH |  | UTILITY BOX |
|  | ELEC. BOX |  | 6" WATERLINE |
|  | 2" GAS LINE |  | GuardRail |
|  | G.W. | | |
|  | L.P. | | |
|  | MH | | |
|  | OVERHEAD LINE | | |
|  | SCMH | | |
|  | SDMH | | |
|  | SIGNAL CORPS LINE | | |
|  | S.L. | | |
|  | SLB | | |
|  | STREET MONUMENT | | |
|  | TEL BOX | | |
|  | TEL. MH | | |

ABBREVIATIONS:

| | | | |
|----------|--------------------------------|------|------------------------|
| AC | Asphalt Concrete | MH | Manhole |
| # | Baseline | NTS | Not to Scale |
| BC | Bottom Curb | o.c. | On Center |
| BOT. | Bottom | O/H | Overhead |
| BW | Bottom Wall | PB | Panel Box / Pull Box |
| CATV | Cable Television | PP | Power Pole |
| C.B. | Catch Basin | REF | Reflector |
| CLF | Chain Link Fence | RPM | Raised Pavement Marker |
| COL. | Column | RT. | Right |
| COMM | Communications | R/W | Right of Way |
| CONC. | Concrete | S | Sewer |
| D | Diameter or Drain | SC | Signal Corps |
| DI | Drain Inlet | SCMH | Signal Corps Manhole |
| E/ELEC. | Electric | SDMH | Storm Drain Manhole |
| ELEV/EL. | Elevation | SHT. | Sheet |
| EMH | Electric Manhole | S.L. | Street Light |
| EP | Edge of Pavement | SLB | Street Light Box |
| ES | Edge of Shoulder | STA. | Station |
| EXIST. | Existing | TC | Top Curb |
| G | Gas | TEL. | Telephone |
| G.W. | Guy Wire | TW | Top Wall |
| H | Height | Typ. | Typical |
| HMA | Hot Mix Asphalt | U.P. | Utility Pole |
| INV. | Invert | W | Water |
| JBPHH | Joint Base Pearl Harbor Hickam | WV | Water Valve |
| L.F. | Linear Feet | | |
| L.P. | Lamp Pole / Light Pole | | |
| LT. | Left | | |

| | | |
|------------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| | DRAWN BY | |
| | TRACED BY | |
| | CHECKED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| | | |
| | | |
| N# | | |

PAMELA K. UYEDA

LICENSED
PROFESSIONAL
ENGINEER

No. 10352-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

PAMELA K. UYEDA

SIGNATURE

04/30/24

EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND & ABBREVIATIONS

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

Scale: NoneDate: Oct. 2023

SHEET No. N-3 OF 15 SHEETS

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