

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(285)	2023	3	287

GENERAL NOTES:

1. The scope of work for this project consists of concrete deck and deck expansion joint repairs; installation of pavement markings, hybrid polymer concrete overlay, surface treatment, and sealer; steel grates repairs; installation and monitoring of temporary best management practices; and traffic control.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. The Contractor's attention is directed to the following Sections: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; 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, in areas where work, such as the placement of sign posts, traffic signal conduits, etc. may affect these properties. 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. The Contractor shall notify the following for any work affecting bus operations, routes, or stops no less than 30 days prior to the start date. Point of contact information (Notification is required to all phone numbers and emails):

DTS-TMD
(808) 768-8396
thebusstop@honolulu.gov & handivan@honolulu.gov

Oahu Transit Services-Bus Operations
(808) 768-9520 & (808) 768-9534
John.donovan@thebus.org, Sean-bennett.paio@thebus.org, &
Field-ops-mgr@thebus.org


Oahu Transit Services - Paratransit Operations
(808) 456-5021
Tracie.coelho@thebus.org

7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
8. The Contractor shall obtain a Community Noise permit from the State Department of Health, Noise and Radiation Branch, 591 Ala Moana Blvd., Room 136, Honolulu, HI 96813-2498; Telephone No. 586-4700. This shall be considered incidental to the various contract items and will not be paid for separately.

9. 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.
10. 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 any culvert work or the various contract items and will not be paid for separately.
11. Earth swale shall be graded to drain. This work shall be considered incidental to various contract items.
12. Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, walkways and driveways as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to asphalt concrete and will not be paid for separately.
13. The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to bulk of work or the various contract items and will not be paid for separately.
14. All saw cutting work shall be considered incidental to Various Contract Items and will not be paid for separately.
15. The Contractor shall provide and maintain 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.
16. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designed 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 Oahu District Office at telephone no. 831-6712.
17. Traffic control plans shown in the Contract Documents are minimum requirements and do not constitute a complete traffic control plan. The Contractor shall provide any traffic control plan (not shown in the plans) that is needed to accomplish the work based on Contractor's means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable Manual (on) Uniform Traffic Control Devices (MUTCD) requirements. All lane closures or traffic pattern changes (detours) not shown on the plan shall be submitted to the Engineer for approval in accordance with Specifications Section 645 - Work Zone Traffic Control. For restrictions on lane closures, detours, construction work during peak hours, and other requirements regarding maintaining vehicular and pedestrian traffic, see Section 107.06 - Contractor Duty Regarding Public Convenience, and Section 645 - Work Zone Traffic Control. All traffic control related costs shall be included in the lump sum traffic control Pay Item 645.1000 - Traffic Control.

18. Submit requests for detours, ramp, and lane closures in accordance with Hawaii Standard Specification Subsection 645.03(F). Refer to minimum timeframes required for implementation. Approval may be denied if submittal timeframe is not set.
19. Contractor required to coordinate with other projects in the vicinity and obtain any approvals/permit needed to do the work.
20. All public notices and advertisements shall be incidental to lump sum traffic control Pay Item 645.1000 - Traffic Control, and shall not be paid for separately, unless otherwise directed by Engineer.
21. If the traffic control plan or any traffic control device is not installed per plan, specification, or is deemed unsafe, the Engineer reserves the right to shut down the work at no additional cost and time or withhold payment.
22. The Contractor shall provide quality control of work. The Contractor shall submit copies of all measurements and test results to the Engineer.
23. The Contractor shall verify the presence of existing utilities which may conflict with activities and shall coordinate with the utility company for temporary relocation, as necessary. All costs associated with the temporary relocation shall be borne by the Contractor and shall be incidental to the various pay items.
24. The Contractor shall comply with utility coordination requirements per Standard Specification Section 104.11. As part of coordination requirements, the Contractor shall include carbon copy the Engineer in all correspondences with utilities.
25. All materials shall be new and free of defects, such as rust, damage, or corrosion. The Engineer will determine acceptability. No payment will be made for material that is not accepted by the Engineer.
26. The Contractor shall allow access to all materials that will be used in the project for inspection and/or testing (this includes but is not limited to access to Contractor or subcontractor's base yards, manufacturer yard, production plant, separate storage areas). The Engineer reserves the right to reject any material for which access or inspection is not allowed.
27. Unauthorized occupancy of a lane, shoulder, or location encroached upon or occupied beyond the time periods authorized in the contract or by the Engineer may be subject to rental fees in accordance with Special Provisions 108.09.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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<div><div><div><div><div><div></div><div><div></div><div><div>RANDALL M. URSAKI</div></div></div></div><div><div></div><div><div>LICENSED PROFESSIONAL ENGINEER</div></div></div><div><div></div><div><div>No. 7288-C</div></div></div><div><div></div><div><div>HAWAII, U.S.A.</div></div></div></div></div><div><div>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</div><div></div><div><div>SIGNATURE</div><div>04/30/24 EXPIRATION DATE OF THE LICENSE</div></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 IMPROVEMENTS</u> <u>Vicinity of Pearl City Viaduct to Waimalu Viaduct</u> <u>Federal-Aid Project No. NH-HI-1(285)</u></div> <div>Scale: NoneDate: May 2023</div>
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GENERAL NOTES: cont.

28. All material generated by the project and taken off-site shall be considered solid waste. The Contractor shall dispose of all removed material at an approved Department of Health waste management facility. Provide a copy of all the disposal receipts from the facility permitted by the Department of Health to receive solid waste to the Engineer by the last day of the month. Provide documentation from any intermediary facility where solid waste is handled or processed, haul tags, or any documentation as requested by the Engineer. If the Contractor elects to reclassify material as inert fill, DOH HEER testing guidance shall be followed. No material generated from this project shall be classified as inert fill material for reuse without testing, obtaining required approvals/permits, providing disposal locations/quantities, and obtaining prior written approval from the Engineer. Failure to comply with these requirements may result in fines/liquidated damages in accordance with Special Provisions Section 209 and HDOT's Enforcement Response Plan.

29. All work specified in the Contract Documents but not itemized in the proposal including all that is needed to complete the work shall be considered incidental to the various contract items and shall not be paid for separately.

PUBLIC HEALTH, SAFETY, AND CONVENIENCE NOTES:

- 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.
- 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 & County may require supplementary measures as necessary.
- 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.
- The Contractor is to comply with the directions of the State of Hawaii Occupation Safety and Health Law (DOSHL).

HISTORICAL PRESERVATION NOTES:

- 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, and the find shall be protected from further damage. The Contractor shall cordon off the area and immediately notify the State Historic Preservation Division at (808) 692-8015, which will assess the significance of the find and recommend the appropriate mitigation measures, if necessary. In addition, if human burial are found, the Contractor shall immediately notify the County of Honolulu Police Department.

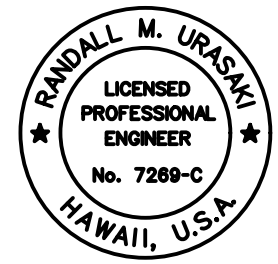
HAWAII-ONE-CALL NOTES:

- The Contractor shall contact Hawaii One Call Center to have respective utility companies and agencies mark where their underground utilities are located. The Contractor shall comply with all requirements of Hawaii One Call Law. The Contractor shall be liable for any damages if Hawaii One Call requirements are not strictly adhered to. In accordance with Hawaii State Law Section 269E-7, the Hawaii One Call Center (HOCC) shall provide an inquiry identification number for each location request provided by the Contractor. The inquiry identification number and utility marks shall remain valid for not more than twenty-eight (28) calendar days from the date of issuance and after that date shall require the Contractor to submit a new request for HOCC revalidation. The Contractor shall provide all inquiry identification numbers for each location request to the Engineer.

NOTES FOR PROTECTION OF ENDANGERED SPECIES:

- If nighttime construction occurs, all lighting shall be fully shielded so the bulb can only be seen from below bulb height to avoid attracting adult seabirds as they travel from the ocean to their breeding areas. Lighting shall only be used when necessary. No night work will be allowed during the shearwater fledging period from September 15th to December 15th.
- 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.
- 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.
- Barbed wire will not be utilized for fencing.
- Should a Hawaiian waterbird 'alae ke'oke'o or Hawaiian coot (*Fulica americana alai*), ae'o or Hawaiian stilt (*Himantopus mexicanus knudseni*), 'alae 'ula or Hawaiian Gallinule (*Gallinula galeata sandvicensis*) appear on the project site during construction, work in that area will cease until the animal voluntarily leaves the area.

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THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

R. M. Urasaku

SIGNATURE EXPIRATION DATE OF THE LICENSE 04/30/24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

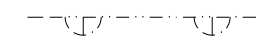
GENERAL NOTES

*INTERSTATE ROUTE H-1 IMPROVEMENTS
Vicinity of Pearl City Viaduct to Waimalu Viaduct
Federal-Aid Project No. NH-HI-1(285)*

Scale: None Date: May 2023

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LEGEND:

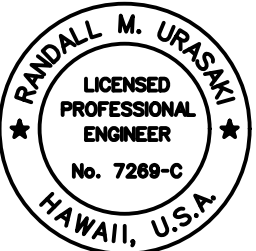
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- Denotes No Access Permitted
-
- and Right of Way



ABBREVIATIONS:

- #Baseline
- BMPBest Management Practices
- CChord
- LcLength of Curve
- P.C.Point of Curvature
- P.I.Point of Intersection
- P.T.Point of Tangency
- RRadius
- R/W, ROWRight-of-Way
- Sta.Station
- Sht.Sheet
- TTangent

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OR UNDER MY SUPERVISION.

Randall M. Urashima
SIGNATURE

04/30/24
EXPIRATION DATE
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STATE OF HAWAII
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LEGEND AND ABBREVIATIONS

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