GENERAL NOTES:

- 1. The scope of work for this project consists of repairing spal delamination, and bolting steel plates to girders to restore be capacity on girders 11, 13 and 15. In addition, the scope inclu temporary best management practices and traffic control.
- 2. The Contractor is reminded of the requirements of Subsection Subletting of Contract, which requires him to perform work to than 30 percent of the total contract cost less deductible iten Non-compliance with this Subsection may be grounds for rejecbid.
- 3. The Contractor's attention is directed to the following Section Subsection 104.11 - Utilities and Services; Subsection 107.06 -Contractor Duty Regarding Public Convenience; and Section 64 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 pase public traffic.
- 5. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the available data, but the accuracy is not guaranteed. The encouof other obstacles during the course of work is possible. The Contractor shall tone for the exact locations and depths of a underground facilities, either shown on or omitted from the p areas where work, such as the placement of sign posts, traff conduits, etc. may affect these properties. Toning shall be conincidental to the various contract items and will not be paid to separately. The Contractor shall be held liable for any damagincurred to the existing facilities and/or improvements as a his operations.
- 6. The Contractor shall notify the following for any work affection operations, routes, or stops no less than 30 days prior to the date. Point of contact information (Notification is required to phone numbers and emails):

DTS-TMD (808) 768-8396 <u>thebusstop@honolulu.gov</u> & <u>handivan@honolulu.gov</u>

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 <u>Tracie.coelho@thebus.org</u>

- 7. The Contractor shall notify the Engineer in writing, two (2) w prior to starting construction operations.
- 8. The Contractor shall obtain a Community Noise permit from the Department of Health, Noise and Radiation Branch, 591 Ala Mo Room 136, Honolulu, HI 96813-2498; Telephone No. 586-4700. 7 be considered incidental to the various contract items and wi paid for separately.

| SURVEY PLOTTED BY DRAWN BY TRACED BY DESIGNED BY QUANTITIES BY CHECKED BY | DATE | •• | * • |
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| lls and earing udes | 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. | 19. |
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| n 108.01 - to not less ms. ection of | 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. | 20 . 21. |
| ns: 45 - Work | 11. | 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. | 00 |
| ll ssage of | 12. | All saw cutting work shall be considered incidental to Various Contract Items and will not be paid for separately. | 22. |
| he latest ountering he | 13. | 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. | 23. |
| all plans, in fic signal nsidered for for ges result of | 14. | 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. (808) 831-6712. | 24. |
| ring bus e start o all | 15. | 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 in the Contract Documents 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. | 25. |
| veeks he State | 16. | 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. | |
| oana Blvd., This shall ill not be | 17. | Contractor is required to coordinate with other projects in the vicinity and obtain any approvals/permit needed to do the work. | |
| | 18. | 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.

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.

The Contractor shall provide quality control of work. The Contractor shall submit copies of all measurements and test results to the Engineer.

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.

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.

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.

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.

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.

| OALL M. UPP | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION |
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| CONCERNSED PROFESSIONAL CONCERNING No. 7269-C | <u>GENERAL NOTES</u> |
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. | <u>FARRINGTON HIGHWAY</u> <u>Ulehawa Stream Bridge Repairs</u> Project. No. 93A-01-23M |
| SIGNATURE EXPIRATION DATE OF THE LICENSE | Scale: None Date: Mar. 2023 |
| | SHEET NO. N-2 OF 11 SHEETS |
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<u>GENERAL NOTES</u>: cont.

- 26. 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.
- 27. 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:

- 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 & County 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. 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 City and County of Honolulu Police Department.

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HAWAII-ONE-CALL NOTES:

1. 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 PROTECTED SPECIES:

- 1. The State listed Hawaiian Hoary Bat (Lasiurus cinereus semotus) could potentially occur at or in the vicinity of the project and may roost in nearby trees. Any required site clearing should be timed to avoid disturbance to bats during their birthing and pup rearing season (June 1 through September 15). During this period woody plants greater than 15 feet (4.6 meters) tall shall not be disturbed, removed, or trimmed. Barbed wire shall also be avoided for any construction because bats can become ensnared and killed by such fencing material during flight.
- 2. Nighttime work will not be allowed for this project.
- 3. The State endangered Hawaiian Monk Seal (Monachus schauinslandi) and threatened Green Sea Turtle (Chelonia mydas) could potentially occur or haul out onshore within the vicinity of the proposed project site. If either species is detected within 100 meters of the project area all nearby construction operations shall cease and not continue until the focal animal has departed the area on its own accord.
- 4. State-listed waterbirds such as the Hawaiian stilt (Himantopus mexicanus knudseni), Hawaiian coot (Fulica alai), Hawaiian gallinule (Gallinula chloropus sandvicensis), and Hawaiian Duck (Anas wyvilliana), could potentially occur at or in the vicinity of the proposed site. It is against State law to harm or harass these species. If any of these species are present during construction, all activities within 100 feet (30 meters) shall cease and the bird or birds should not be approached. Work may continue after the bird or birds leave the area on their own accord. If a nest is discovered at any point, contact the Oahu Branch DOFAW Office at (808) 973-9778.
- 5. Ulehawa Stream and its estuary provides habitat for native aquatic biota such as 'o'opu which includes (Eleotris sandwicensis, Stenogobius hawaiiensis, Awaous hawaiiensis), and aholehole (Kuhlia xenura), and juvenile marine species such as striped mullet (Mugil cephalus). The native stream biota, particularly the 'o'opu have an amphidromous life cycle which means they have a dependence on connectivity to the ocean. The adult animals lay their eggs in the stream and as the larvae hatch they are swept down stream into the ocean, where they grow into post-larvae/juveniles before migrating back upstream. Therefore, it is important that bridge repair and construction activities avoid creating barriers or block this downstream and upstream movement and continuous stream flow. Best Management Practices (BMPs) or mitigative measures shall be implemented during the bridge repair activities to minimize the potential for erosion, siltation, pollution, and degradation of the aquatic environment. Specific BMPs shall include:

| FED. ROA DIST. NO | | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
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- 1.) Construction areas should incorporate any type of barriers (sediment barriers/bags, petroleum absorption diapers, etc.) to prevent erosion and runoff;
- 2.) Scheduling bridge repair activities during periods of minimal rainfall;
- 3.) Prevent construction materials, petroleum products, debris and landscaping products from falling, blowing or leaching into the aquatic environment from the staging areas as well as from the bridge itself during repair work.

NOTES FOR INVASIVE SPECIES:

Minimize the movement of plant or material between worksites. Soil and plant material may contain detrimental fungal pathogens (e.g., Rapid Ohia Death), vertebrate and invertebrate pests (e.g., Little Fire Ants, Coconut Rhinoceros Beetles, etc.), or invasive plant parts (e.g., Miconia, Pampas Grass, etc.) that could harm native species and ecosystems. All equipment, materials, and personnel shall be cleaned of excess soil and debris to minimize the risk of spreading invasive species.

The invasive Coconut Rhinoceros Beetle (CRB) or Oryctes rhinoceros is known to occur in the vicinity of the project area. The Hawaii Department of Agriculture approved Plant Quarantine Interim Rule 22-1, which restricts the movement of CRB-host material within or to and from the Island of Oahu, which is defined as the Quarantine Area. Regulated material (Host material or host plants) is considered a risk for potential CRB infestation. Host material for the beetle specifically includes dead trees, mulch, compost, trimmings, fruit and vegetative scraps, and decaying stumps. CRB host plants include the live palm plants in the following genera: Washingtonia, Livistona, and Pritchardia (fan palms), Cocos (Coconut Palms), Phoenix (date palms), and Roystonea (Royal palms). Movement of these host plants risk the spreading of CRB.

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| ICENSED PROFESSIONAL ★ ENGINEER No. 7269-C | <u>GENERAL N</u> | IOTES |
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. | <u>FARRINGTON F</u> Ulehawa Stream Br Project. No. 93 | idge Repairs |
| SIGNATURE EXPIRATION DATE OF THE LICENSE | Scale: None | Date: Mar. 2023 |
| | SHEET No. <i>N-3</i> OF | 11 SHEETS |
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