

GENERAL NOTES

1. The general scope of work for this project includes electrical upgrades in various existing buildings; and replacement of fuel tanks, equipment, concrete pavement, and traffic bollards at the existing fuel station. During construction at fueling station, an alternate means of onsite fueling shall be provided.

2. The Contractor shall notify the Hawaii One Call Center (811 or 866-423-7287) no less than five (5) working days prior to excavation, on each or all locations, for locating underground facilities pursuant to HRS Section 269E-7.

3. The Contractor shall independently tone areas of excavation not more than 30 days prior to excavation. Provide written notice of scheduled toning and specific locations to the Engineer at least one week ahead of toning. The Contractor shall obtain DOT as-builts to locate potential conflicts with utilities prior to excavation. If there is a potential conflict, contractor shall inform DOT within 24 hours of discovery. Contractor shall probe around area and take precautions to not damage utilities. This work shall be incidental to various contract items and shall not be paid for separately.

4. Pursuant to HRS Chapter 6E Historic Preservation, in the event any historic resources, including cultural deposits or human skeletal remains, are uncovered during construction operations, the Contractor shall suspend work in the immediate vicinity of the find, protect the find from additional disturbance, and notify the Maui Police Department and the State Department of Transportation.

5. 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.

6. 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 make an independent check on the ground by probing and/or checking with the various utility companies or government agencies to verify the exact location and depths of the existing utilities and obstructions. The Contractor shall exercise proper care in excavating in the area.

7. 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. The Contractor shall comply with utility coordination requirements per Standard Specification Section 104.11. As a part of coordination requirements, the Contractor shall copy the Engineer in all correspondences with utilities.

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

9. All dimensions and details shown on the drawings shall be checked and verified prior to the start of construction, and any discrepancies shall be immediately brought to the attention of the Engineer for clarification.

10. The exact locations and limits of areas to be excavated or cleared shall be located in the field by the Contractor and accepted by the Engineer. The Contractor shall not begin any work until the Engineer verifies and accepts the location and limits of the area. Any area that is not accepted by the Engineer will be considered unauthorized work and shall not be paid for.

11. All existing utilities to remain in use, whether or not shown on the plans, shall be protected at all times by the Contractor during construction unless specified on the plans to be abandoned. Any damages to existing utilities shall be repaired and paid for by the Contractor.

12. Existing facilities, guardrail, landscaping and/or pavement to remain which has been damaged by the Contractor shall be restored to its original condition at no cost to the State.

13. When excavating in close proximity to walls, fences, and other improvements, the Contractor shall protect, support, secure, and take all precautions to prevent damaging these facilities and improvements.

14. No material or equipment shall be stockpiled or otherwise stored within onsite unless approved by the Engineer.

15. The Contractor shall be responsible for conformance with applicable provisions of the Hawaii Administrative Rules, Title 11, Chapter 54, "Water Quality Standards," and Title 11, Chapter 55, "Water Pollution Control," as well as Maui County Code Chapter 20.08 "Soil Erosion and Sediment Control", as amended. Best Management Practices shall be employed during construction.

16. 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 at no additional cost to the State. 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 required by the Engineer. If the contractor elects to reclassify material as inert fill, DOH HEER testing guidance must 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.

17. After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal to or better than existing condition prior to construction.

18. Project activities shall comply with Chapter 11-46, Community Noise Control of the Department of Health Administrative Rules.

19. All work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to other various contract items and shall not be paid for separately.

20. 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.

21. The Contractor shall provide for quality control of work. The Contractor shall submit copies of all measurements and tests to the Engineer on a weekly basis. This includes compaction, density, and pavement core thickness results.

22. 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.
- |                     |       |                      |             |           |              |
|---------------------|-------|----------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | PROJ. NO.            | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | HWY-M-03-21, PHASE 2 | 2022        | 3         | 46           |
- ABBREVIATIONS
- |        |                           |
|--------|---------------------------|
| AC, ac | Asphalt Concrete          |
| Alum   | Aluminum                  |
| BMP    | Best Management Practices |
| ℄      | Centerline                |
| Conc.  | Concrete                  |
| Cont.  | Continue                  |
| Det.   | Detail                    |
| Dia.   | Diameter                  |
| Demo   | Demolition                |
| EA     | Each                      |
| EC     | Erosion Control           |
| Elev   | Elevation                 |
| EQ     | Equal                     |
| exist. | Existing                  |
| Ga.    | Gauge                     |
| Galv.  | Galvanized                |
| LP     | Low Pressure Air          |
| Max.   | Maximum                   |
| Min.   | Minimum                   |
| NTS    | Not to Scale              |
| O.C.   | On Center                 |
| Pav't  | Pavement                  |
| r/w    | Right-of-Way              |
| Std.   | Standard                  |
| Temp   | Temporary                 |
| Thk.   | Thick                     |
| Typ.   | Typical                   |
| W      | Water                     |
- ORIGINAL PLAN

DESIGNED BY

NOTE BOOK

DATE

SURVEY PLOTTED BY

DESIGNED BY

QUANTITIES BY

CHECKED BY

11/12/2022 5:07 PM

03-GENERAL NOTES-0106
- HYUNG M. TUNO

LICENSED PROFESSIONAL ENGINEER

No. 11144-C

HAWAII U.S.A.

4/30/24

EXP. DATE

This work was prepared by me or under my supervision.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

GENERAL NOTES

AND ABBREVIATIONS

MAUI DISTRICT BASEYARD OFFICE EXPANSION &

RENOVATION, PART 2

Project No. HWY-M-03-21, Phase 2

Scale: None Date: July 2022
- SHEET No. T003 OF 3 SHEETS
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