

ORIGINAL PLAN	No. _____	SURVEY PLOTTED BY _____	DATE

NOTE BOOK	No. _____	DESIGNED BY _____	_____

CHECKED BY _____	No. _____	QUANTITIES BY _____	_____

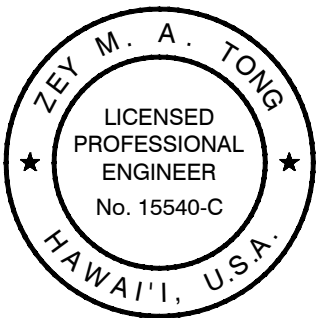
NOTES FOR CONSTRUCTION WITHIN STATE RIGHT-OF-WAY

1. The Contractor shall obtain a Permit to Perform Work Upon State Highway from the Maui District, State Highways, at 650 Palapala Drive, prior to commencement of work within the State highway right-of-way.
2. Construction and restoration of all existing highway facilities within State right-of-way shall be done in accordance with all applicable sections of the 2005 Standard Specifications for Road, Bridge and Public Works Construction, and the Specifications for Installation of Miscellaneous Improvements within State Highways of the State Highway Division.
3. Work may be performed only between the hours of 7:00 a.m. and 3:30 p.m., Monday through Friday, except holidays, unless otherwise permitted by the Engineer. Any work affecting County roadways will be subject to work hours permitted by the County of Maui.
4. The Contractor shall provide, install, and maintain all necessary signs, lights, flares, barricades, markers, cones, and other protective facilities, and shall take necessary precautions for the protection, convenience, and safety of public traffic. All such protective facilities and precautions to be taken shall conform with the "Administrative Rules of Hawaii Governing the Use of Traffic Control Devices at Work Sites on or Adjacent to Public Streets and Highways", adopted by the Director of Transportation, and the current U.S. Federal Highway Administration "Manual on Uniform Traffic Control Devices for Streets and Highways, Part VI - Standards and Guides for Traffic Controls for Street and Highway Construction, Maintenance, Utility and Incident Management Operations" and NCHRP 350.
5. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way, except at locations designated in writing and approved by the Engineer.
6. The Contractor shall be required to provide adequate, safe, non-skid bridging material over any trench, including shoring, when trenching in pavement areas to handle all types of vehicular traffic.
7. No trench shall be opened more than 200 feet in advance of the installed and tested pipe and/or ductline. No jumps or spaces will be permitted unless approved in writing by the Engineer.
8. Longitudinal drainage along the highway shall be maintained, at all times to allow freeflow.
9. All regulatory, guide and construction signs and barricades shall be high intensity reflective sheeting.
10. Stop work and contact the State Historic Preservation Division at (808) 692-8083 immediately should any unidentified archaeological site or remains (such as artifacts, shells, bones, charcoal deposits, road or coral alignments, pavings or walls) been encountered during construction.
11. The Contractor shall inform the HDOT-Maui District Office at 873-3535 at least five (5) working days prior to any lane closures or changes to lane closures.
12. All signs, pavement markings, striping, etc. removed or damaged by the Contractor shall be replaced by the Contractor at no additional cost to the Owner.

PUBLIC HEALTH, SAFETY AND CONVENIENCE

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.
3. The Contractor shall be responsible for the cleaning and removal of all silt and debris generated by his work and deposited and accumulated within downstream waterways, ditches and drain pipes and on public and private roadways. The contractor agrees to reimburse the State or County of Maui, the costs expended in performance of the above work if required for public health and safety, or made necessary by non-performance by the contractor.
4. The Contractor shall submit a noise pollution control plan when applying for a construction permit.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	31A-02-17	2018	03	29



THIS WORK WAS PREPARED BY
ME, OR UNDER MY SUPERVISION.
Zey Tong
APRIL 30, 2020
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES FOR CONSTRUCTION
*Piilani Highway Improvements
Vicinity of Kulanihako'i Street
Project No. 31A-02-17*

Scale: As Shown Date: Mar 2018

SHEET No. C-2 OF 24 SHEETS

GENERAL NOTES

1. The scope of work for this project includes: construction services to restripe the intersection of Piilani Highway and Kulanihakai Street; install interim traffic signal system; and perform other incidental work as required to complete the project. All roadway and other work required to complete the project shall meet current Federal, State, and County Standards.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting 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 of the Special Provisions: Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -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 be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
6. Existing drainage system will be functional at all times during construction. The Contractor is to furnish all materials, equipment, labor, tools and incidentals necessary to maintain service. This work shall be considered incidental to various contract items.
7. The Contractor shall provide for free and safe access to and from all existing side streets at all times.
8. All saw cutting work shall be considered incidental to roadway excavation and will not be paid for separately.
9. The location of overhead and underground facilities shown on the plans are from existing records with varying degrees of accuracy and are not guaranteed as shown. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines and shall maintain adequate clearance when operating equipment within or under any overhead lines.
10. The Contractor shall obtain an excavation permit from MECO's Engineering Department located at 210 Kamehameha Avenue, two weeks prior to starting construction.
11. The Contractor shall be liable for any damages to Maui Electric Co.'s Facilities and shall immediately report such damages to Maui Electric Co.'s Trouble Dispatcher at 871-7777.
12. The Contractor shall comply with the directives of the State of Hawaii Occupational Safety And Health Law (DOSH). Any citation (fine) received by the State for noncompliance by the Contractor shall be deducted from the progress payment.

13. For verifying the location of underground ductlines and for assistance in providing proper support and protection of the underground duct lines, the Contractor is to contact Maui Engineering Department at 871-2390 a minimum of 72 Hours in advance.
14. The Contractor shall coordinate the construction with all County projects within or adjacent to the construction area.
15. The Contractor shall exercise extreme caution when the excavation and construction crosses or is in close proximity of underground telephone and signal cable facilities and shall maintain adequate clearance for his equipment while working close to and/or under overhead facilities. Any damages to the existing underground facilities shall be repaired and paid for by the Contractor.
16. For field location of Hawaiian Telcom Facilities, contact Hawaiian Telcom Outside Plant Engineering Section, a minimum of 72 hours in advance, prior to start of excavation at 242-5105.
17. Should field conditions and construction procedures require that utility poles be braced, the Contractor shall contact the following person for pole bracing instructions a minimum of 72 hours in advance of actual required bracing - Hawaiian Telcom - Lynette Yoshida - Area Construction Supervisor at 242-5105.
18. 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, and facilities with beams, struts, or underpinning to fully protect it from damage. This work shall be considered incidental to various contract items.
19. The Contractor shall survey and stake out the State Highway right-of-way and install all appurtenances associated with the project within the State right-of-way or construction parcels as shown in the plans.
20. The term "Engineer for the Utility Companies" shall also mean his delegated Representative and/or the Utilities' Inspectors of Record.
21. The Contractor shall stake out all facilities for verification by the utility involved and/or affected.
22. The Contractor shall Give MECO forty (40) working days notice to proceed with it's portion of the work.
23. The Contractor will immediately report damages discovered or caused by his work to :
- a. Hawaiian Telcom

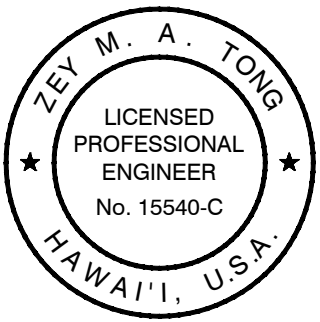
611 (24 Hours)
242-5105 (M-F except Holidays)
- b. MECO

871-7777
- c. Oceanic/Time Warner

847-4425 (ext. 838)
24. The Contractor is to stake out all temporary and permanent new pole locations so as not to conflict with any existing or proposed utility and obstruct any roadway sign. The Contractor shall be responsible for cost incurred by conflicting utilities.
25. When excavating near utility poles, the Contractor shall protect, support, secure and take all other precautions to prevent damage to or leaning of these poles. The Contractor is responsible for all costs associated to repair and/or straighten pole.

26. Where pedestrian walkways exist, they shall be maintained in a safe and passable condition, or other facilities for pedestrians shall be provided. Passages between walkways at intersections shall likewise be provided at all times.
27. HDOT is in the process of executing a Utility Agreement with Maui Electric, Verizon and Oceanic/Time Warner. HDOT assumes that power poles and underground conduits will need to be relocated, along with temporary relocation required to facilitate contractor's construction work.
28. Contractor shall exercise extreme caution and coordinate relocation of overhead Fiber Optic Cable with Oceanic/Time Warner Cable company. Contact Mr Bill Hanke at (808) 877-4425 ext. 838.
29. 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 various contract items and will not be paid for separately.
30. Earth swales shall be graded to drain. This work shall be considered incidental to various contract items and will not be paid for separately.
31. 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.
32. The contractor shall perform all applicable construction work in accordance with the standard specifications entitled "Hawaii Standard Specifications for Road and Bridge Construction, 2005" as amended for the State of Hawaii.
33. 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.
34. All existing utilities, whether or not shown on the plans, shall be protected at all times by the contractor during construction, and any damage to them shall be repaired and paid for by the contractor.
35. The contractor shall restore all improvements damaged as a result of the construction to its original or better condition.
36. The Contractor is advised that in addition to other contractors working in the same areas, various utility companies (or their contractors) including Maui Electric Company, Verizon, Cable Television and Maui County Department of Wastewater Management may be performing work within the project area. The Contractor is to coordinate all work with other contractors in the area. In case of unreasonable conflict among contractors regarding access or work sites, the Engineer will make the final determination of priorities.
37. The Contractor shall obtain approval of lane closure hours and traffic control plans for all County streets from the Maui County, Division of Engineering.
38. Install permanent roadway monuments as required.

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	DESIGNED BY	
	CHECKED BY	
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	CHECKED BY	
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ME, OR UNDER MY SUPERVISION.
Alex Tong
APRIL 30, 2020
LIC. EXP. DATE

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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SHEET No. C-3 OF 24 SHEETS