

ORIGINAL PLAN	SURVEY PLOTTED BY DATE	DESIGNED BY CHECKED BY	5/21
NOTE BOOK	DESIGNED BY CHECKED BY	QUANTITIES BY	
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GENERAL NOTES

- The scope of work includes demolishing the existing damaged culvert inlet; removal and disposal of the existing inlet material; repairing the existing culvert inlet; reconstructing the GRP around the culvert inlet; water pollution control; and all incidental work. Cost of the incidental work, if not specified in the Contract, shall be considered included in the various Contract items.
- The Contractor shall obtain Permit to Perform Work upon State Highways from the Maui District Engineer, State Highways, at 650 Palapala Drive, prior to commencement of work within the State's highway right-of-way.
- Removal, construction and restoration of all existing highway facilities within the State's right-of-way, including the legal relations and responsibility to the public, shall be in accordance with the current Hawaii Standard Specifications for Road and Bridge Construction, and the Specifications for Installation of Miscellaneous Improvements within State Highways, of the State Highways Division.
- Work may not be performed between the peak hours of 6:30 a.m. to 8:30 a.m. and from 3:00 p.m. to 5:00 p.m., Monday through Friday, except State holidays, unless when otherwise approved in writing by the District Engineer.
- The Contractor shall provide, install, and maintain all necessary signs, lights flares, barricades, markers, cones, and other protective facilities, and shall take all 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 "U.S. Federal Highway Administration MUTCD - Manual on Uniform Traffic Control Devices, Part VI - Temporary Traffic Control, 2009 Edition",
- No materials and/or equipment shall be stockpiled or otherwise stored within the State highway right-of-way, except at locations designated in writing and approved by the District Engineer.
- The Contractor shall exercise care to minimize damages to existing highway improvements. All damages shall be repaired by the Contractor, at his expense, to the satisfaction of the District Engineer.
- All regulatory, guide, and construction signs and barricades shall have a high-intensity Type III or IV retroreflective background.
- The Contractor shall inform the State Highway's Permit Office (873-3535) by noon Wednesday, one week prior to closing any lanes.
- Driveways shall be kept open unless the owners of the properties using these rights-of-way are otherwise provided for satisfactorily.
- Where pedestrian walkways exist they shall be maintained in a safe and passable conditions, or other facilities for pedestrians shall be provided. Passages between walkways at intersections shall likewise be provided. All walkways shall conform to ADA requirements.
- The Contractor shall exercise care when performing work in or adjacent to the State highway right-of-way. Damages to the existing facilities shall be immediately reported to the respective utility companies, and/or City or State agencies. The repair work shall be done at the Contractor's expense.

- The Permit to Perform Work upon State Highways may be revoked because of default in any of the following, but not limited to, conditions:
  - Work performed before of after permitted hours.
  - Failure to maintain roadway surfaces in a smooth and safe condition.
  - Failure to clean up construction debris generated from project work.
  - Failure to provide proper traffic control.
  - Failure to replace damaged pavement markings and signs.
  - Failure to maintain highway lights and traffic signals systems.
  - Failure to address public complaints to the satisfaction of the District Engineer.

DRAINAGE NOTES

- The exact invert elevation of the existing culvert which the new culvert inlet will connect to shall be verified by the Contractor in the field or as directed by the Engineer prior to construction.
- The Contractor shall verify and check all dimensions and details on the drawings before proceeding with the work. Any discrepancy shall be brought to the attention of the Engineer for clarification.
- All existing utilities and improvements whether or not shown on plans shall be protected at all times by the Contractor unless specified otherwise. Any damages resulting from the Contractor's operations shall be immediately repaired or restored as directed by the Engineer at the Contractors expense.
- Existing drainage system shall remain functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be incidental to the various Contract items.
- The Contractor at his own expense shall keep the project area and surrounding area free from rubbish, noise, dust, erosion, etc. The work shall be done in conformance with the air and water pollution control standards and regulations of the State Dept. of Health.
- Demolishing and disposing of the existing culvert inlet structure shall not be paid for separately, but shall be considered incidental to the various Contract items, unless otherwise noted in the Contract.
- Inlet and Outlet conditions shall be graded to permit free flow of run-off or as directed by the Engineer. Grading shall be to the satisfaction of the Engineer. Above work shall be considered incidental to the various Contract items.
- Unless otherwise noted in the Contract, furnishing and providing backfill materials for the repair of GRP around the culvert inlet will not be paid for separately, but shall be considered incidental to various Contract Items.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30C-02-20M	2022	3	15

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**GENERAL NOTES**  
HONOAPIILANI HIGHWAY CULVERT INLET REPAIR  
Vicinity of Kaheawa Wind Farm Access Road  
Project No. 30C-02-20M  
Date: November, 2021