GENERAL NOTES

- 1. The scope of work for this project consists of constructing new concrete curb and gutter, and sidewalks on the south side of Kaahumanu Avenue. The project also includes replacing and upgrading existing guardrails and end treatments to meet current standards.
- 2. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 Contractor Duty Regarding Public Convenience And Services; and Section 645 -Work Zone Traffic Control.
- 3. The Contractor shall submit for approval a detailed traffic control plan (TCP) and schedule at least 15 working days before the start of work. All construction signs shall be left in place until all construction items have been completed. Contractor shall obtain prior approval from the Engineer to remove construction signs.
- 4. All lanes shall be open to traffic during the morning peak hours from 6:00 a.m. to 8:00 a.m. during afternoon peak hours from 4:00 p.m. to 6:00 p.m. off work hours. Only one lane of highway shall be closed at any other time.
- 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 be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- 7. 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.
- 8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paying operations.
- 9. Removal and disposal of existing curb, asphalt concrete pavement, guardrails, and any debris shall be considered incidental to their res-pective bid items.
- 10. Existing drainage system shall be kept functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
- 11. All saw cutting work shall not be paid for separately but shall be considered incidental to various contract items.
- 12. Work on the project may be required to be performed at night without any increased in cost to the State. Night work shall not be performed during seabird fledging season Sept. 15 and Dec. 15.

Section 7 of the Endangered Species Act:

- 1. Refer to Special Provision Section 671 Protection of Endangered Species for construction and compliance requirements. Measures to minimize the potential impacts to endangered species during pre-construction and construction operations are described in detail, including specific requirements to protect the Blackburn's sphinx moth (e.g. pre-construction survey conducted by a biologist familiar species).
- 2. To avoid impacts to listed Hawaiian seabirds, nighttime construction is not anticipated. If nighttime construction does occur, it shall be scheduled to avoid the seabird fledging period, September 15 through December 15. If nighttime construction occurs during other times of the year, all lighting shall be fully shielded and directed toward the ground so the bulb can only be seen from below to avoid attracting adult seabirds as they travel from the ocean to their breeding areas. Any required outdoor lighting shall have the appropriate automatic motion sensor switches and timer controls to turn off lights when there is no human activity in the vicinity. Where fences extend above vegetation, integrate durable scare tape or bird deterrent into the fence to increase visibility and minimize fence strikes.
- To avoid impacts to the Hawaiian hoary bat, no woody plants (e.g., trees and shrubs) taller than 15 feet shall be trimmed, removed, or disturbed during the hoary bat birthing and pup rearing season, June 1 through September 15.
- 4. To avoid impacts to the Blackburn's sphinx moth, all work will occur on an existing roadway and be within the State highway right-of-way. The shoulder areas within the right-of-way are maintained on a regular basis to limit the growth of vegetation and avoid attraction of the Blackburn's sphinx moth. No critical habitat is located within the State highway right-of-way.
- 5. To avoid impacts to the Hawaiian Stilt, no standing water will be allowed within the construction area(s) to eliminate any water resources.
- 6. No above or below ground utilities will be moved or realigned with this project.
- 7. No highway lighting will be installed or replaced with this project.

Section 106 of the National Historic Preservation Act:

- 1. If cultural materials are discovered during construction, all earth-moving activity within and around the immediate discovery area will be diverted until a qualified archaeologist can asess the nature and significance of the find.
- 2. If human remains are discovered, Hawaii Administrative Rule Title 13, Chapter 300 states that further disturbances and activities shall cease in any area or nearby area suspected of overlie remains, and SHPD and the Maui Police Department will be contacted. The human remains will be treated in conformance with HAR 13-300 Subchapter 4, "Procedures for Proper Treatment of Burial Sites and Human Skeletal Remains."
- 3. In the unlikely event that subsurface historic resources, including human skeletal remains, structural remains, cultural deposits, artifacts, native sand deposits, or sink holes are identified during the demolition and/or construction work, cease work in the immediate vicinity of the find, protect the find from additional disturbance, and contact the State Historic Preservation Division, at (808) 652-1510.

I FGFND

/// Demolition Areas

HMA Areas

Concrete Curb, Gutter and Sidewalk

Reconstruction Areas

FED. ROAD

STATE

FED. AID PROJ. NO.

FISCAL YEAR

NH-032-1(011) 2025 3

SHEET NO.

Existing Electrical Pull Box

Existing Electrical Line

°jp Existing Joint Pole °pp Existing Power Pole °emh Existing Electric Manhole

____t___ Existing Telephone Line

°_{tp} Existing Telephone Pole °_{tmh} Existing Telephone Manhole

—w—12— Existing 12" Water Line

•umh Adjusted Utility Manhole

ourmh Existing Water Manhole

•wmH Adjusted Water MH Frame/Cover

°_{av} Existing Water Air Valve

owv Existing Water Valve Box
www Adjusted Water Valve Box

□wm Existing Water Meter

 $\diamond_{ extit{fh}}$ Existing Fire Hydrant

°_{&p} Existing Standpipe

—₄—12— Existing Sewer Line

°_{&mh} Existing Sewer Manhole

©_{mon.} Existing Monument

•MON. Adjusted Monument
---d--24--- Existing 24" Drain Line

°_dmh Existing Storm Drain Manhole

[⊟]gdi Existing Grated Drop Inlet

Existing Catch Basin

Þ Existing Traffic Sign

← Existing Street Light

_ _ _ Existing Metal Guardrail

New Metal Guardrail
Temporary Filter Sock

Grated Drop Tolet With Pr

Grated Drop Inlet With Protection

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

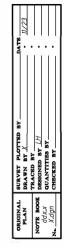
GENERAL NOTES \$ LEGEND

STATE OF HAWAII

KAAHUMANU AVENUE SIDEWALK GAP Maui Lani Parkway to Mahalani Street Federal-Aid Project No. NH-032-1(011)

Date: November, 2023

SHEET No. 1 OF 2 SHEETS



NOTES FOR CONSTRUCTION WITHIN STATE RIGHT-OF-WAY

- 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.
- During work hours, only one lane of traffic shall be closed, unless otherwise approved in writing by the District Engineer. All lane closures must be approved by HDOT fifteen (15) working days in advance. All lane closures and detours shall require advisory signs and an advertisement per section 645.03 of the Standard Specifications.
- At certain locations, "NO LANE CLOSURE" will be allowed during the "Back To School Jam". Thanksgiving weekend. Christmas/New Year Period and at other times as directed by the Highways Division.
- 5. 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 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 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.
- Highway lights shall be operational during construction. Should work be necessary, the contractor shall notify the State Highways' Highway Lighting Supervisor (873-3535), three (3) working days prior to commencing work.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(011)	2025	4	19

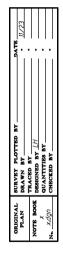
- 14. The Permit to Perform Work upon State Highways may be revoked because of default in any of the following, but not limited to conditions:
 - a. Work performed before of after permitted hours.
 - b. Failure to maintain roadway surfaces in a smooth and safe condition.
 - c. Failure to clean up construction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

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

KAAHUMANU AVENUE SIDEWALK GAP Maui Lani Parkway to Mahalani Street Federal-Aid Project No. NH-032-1(011)

Date: November, 2023



SHEETS