

ORIGINAL PLAN	NOTE BOOK mei/aj 4/20/2017/2017	SURVEY PLOTTED BY	DATE
		DESIGNED BY	2/18
		DESIGNED BY	
		QUANTITIES BY	
		CHECKED BY	

GENERAL NOTES

- The project includes cold planing existing pavement, reconstruction of weakened pavement areas, structures widening existing roadway, extend existing culvert, overlay of 2 inch Hot Mix Asphalt pavement, installing pavement striping and signage, installing enhanced vehicle classification counting station, installing traffic loops at signalized intersection, applying longitudinal joint stabilizer, adjusting water valve, manholes covers and monuments and clean storm drain.
- 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; Subsection 104.04 Maintenance of Traffic and Section 645 - Traffic Control.
- 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.
- 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.
- Existing drainage system will be 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.
- No material or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations designated in writing and approved by the Engineer.
- After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal or better than existing condition prior to construction.
- All excess materials not needed for this project shall become the property of the Contractor. If disposed of, it shall be in accordance with the Environmental Protection Agency's policies and guidelines. This work shall be considered incidental to various contract items and will not be paid for separately.
- The Contractor shall remove and dispose of all existing raised pavement markers and traffic tapes prior to Cold Planing. This work shall be considered incidental to Cold Planing and will not be paid for separately.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- Contractor shall perform an underdrain inspection at four random locations as directed by the Engineer. Each inspection shall be from one extreme end of an underdrain pipe to the outfall. Cleanout of entire system is at the discretion of the Engineer contingent of inspection findings.
- All signs shall be properly labeled according to Standard Specifications Section 630.03 (E).
- The Contractor shall reference all existing pavement markings prior to resurfacing. Final placement of the new pavement markings shall be as approved by the Engineer. Payment for this work shall be considered incidental to new pavement markers and striping.

- The Contractor shall contact Hawaii One Call Center for existence and location of underground utilities. Please call 811 or 1-800-551-8344.
- Dressing of shoulder, sidewalk shall consist of cleaning, grubbing, grading, reshaping and compacting the unpaved shoulder with suitable materials as shown on the plans and/or as directed by the Engineer. This works shall be incidental to various contract items.
- The Contractor shall provide safe access to business and residential driveways and sidewalks for motorists and the public at all times during construction.
- At the end of each day's work and night's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- Work on the project maybe 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.

REQUIREMENTS OF STATE HISTORIC PRESERVATION DIVISION

- Should historic sites such as walls, platforms, pavements and mounds, or remains such as artifacts, burials, concentration of charcoal or shells are encountered during construction work, work shall cease in the immediate vicinity of the find and the find shall be protected from further damage. The Contractor shall immediately contact the State Historic Preservation Division (243-5169), which will assess the significance of the find and recommend an appropriate mitigation measure, if necessary.

Section 7 of the Endangered Species Act:

- To avoid impacts to listed seabirds, no night work will be allowed.
- To avoid impacts to the Hawaiian hoary bat, trees and shrubs taller than 15 feet will not be trimmed or cleared between June 1 and September 15.
- No utilities will be moved or realigned.
- No highway lighting will be installed or replaced.
- All work will occur on existing roadways or within the paved portions of the right-of-way.

Section 106 of the National Historic Preservation Act:

- 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 asessthe nature and significance of the find.
- 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."

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(057)	2019	3	22

LEGEND

- Resurfacing Limits
- Reconstruction Areas
- Existing CS Pipe
- ep

Existing Edge of Pavement
- es

Existing Edge of Shoulder
- M -

Existing Metal Guardrail
- °pp

Existing Power Pole
- °tp

Existing Telephone Pole
- ⊙mon.

Existing Monument
- ⊙MON.

Adjusted Monument
- III-

RM-3
- ⊞

Existing Traffic Sign Wtih 1 Post
- B

Existing Traffic Sign Wtih 2 Posts
- ⊙

Existing Highway Lighting Standard
- ⊙WMH

Adjusted Water MH Frame/Cover
- ⊙WV

Adjusted Water Valve Box

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HONOAPIILANI HIGHWAY RESURFACING
Vicinity of Puamana Beach Park to Aholo Road
Federal-Aid Project No. NH-030-1(057)

Date: October, 2017

SHEET No. 1 OF 1 SHEETS