

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-01-15M	2015	3	41

GENERAL NOTES

- The scope of work includes resurfacing existing pavement; cold planing; installation of signs and pavement markings; adjusting manholes, monuments, reconstructing weakened pavement areas and application of longitudinal joint stabilizer.
- 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 to 630.03 (E).
- Test equipment at the Vehicular Counting and Classification System near M.P. 0.56 after construction to ensure proper functionality, fix if necessary at the direction of the Engineer. Use caution around existing traffic loops at signalized intersections, if damaged during construction, they shall be replaced at the Contractor's expense.
- The Contractor shall contact Hawaii One Call Center for existence and location of underground utilities. Please call 811 or 1-800-551-8344.

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 assess the 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."

LEGEND

- Resurfacing Limits
- Cold Planing Areas
- Existing CS Pipe
- ep

Existing Edge of Pavement
- es

Existing Edge of Shoulder
- + -

Existing Metal Guardrail
- gdi

Existing Grated Drop Inlet
- pp

Existing Power Pole
- ip

Existing Telephone Pole
- mon.

Existing Monument
- MON.

Adjusted Monument
- SDMH

Adjusted Storm Drain MH Frame/Cover
- UDC

Adjusted Underdrain Cleanout Cover
- fmo

Existing Fiber Optics Manhole
- x -

Existing Fence
- RM-3

RM-3
- New Traffic Sign
- P

Existing Traffic Sign With 1 Post
- B

Existing Traffic Sign With 2 Posts
- Existing Highway Lighting Standard

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
APPROVED BY	CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HANA HIGHWAY RESURFACING  
Haleakala Highway to Paia and  
HALEAKALA HIGHWAY RESURFACING  
Hana Highway to North Firebreak Rd.  
Federal-Aid Project No. STP-0900(088)

Date: March, 2015

SHEET No. 1 OF 1 SHEETS