

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-K(053)	2015	3	28

LEGEND

	A.C. Pavement Areas
	Existing Drain Line
	Existing Single Metal Guardrail
	New Single Metal Guardrail
	Existing Monument

- The project includes replacement of the deteriorated concrete barrier, installing pavement overlay, pavement markings, installing metal guardrails and upgrading guardrail end terminals.
- The Contractor shall remove and dispose of all existing raised pavement markers, traffic tapes, and epoxy adhesives prior to overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
- As shown on the plans or directed by the Engineer, a smooth riding transition shall be provided at the beginning and end of the project, at side streets, driveways, between all pavement areas used by public traffic during each construction phase, and between transition of construction phases. Payment for this work shall be made under Item No. 401.0100, A.C. Pavement, Mix No. IV.
- The Contractor's attention is directed to the following Sections Subsection 104.09 - Maintenance of Traffic; Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience and Section 645 - Traffic Control.
- Saw-cutting of existing pavement shall not be measured or paid for separately, but shall be considered incidental to various contract items.
- All lanes shall be open to traffic during the morning peak hours from 6:30 a.m. to 8:30 a.m. and during afternoon peak hours from 3:30 p.m. to 6:00 p.m. and off work hours. See Special Provisions Section 645 (Work Zone Traffic Control).
- The existence and location of underground utilities, manholes, monuments, pullboxes and structures as shown on the plans are from the latest available data but accuracy is not guaranteed. The encountering of other obstacles during the course of the work may be possible. (The Contractor shall be held liable for any damages incurred to the existing facilities as a result of his operations.) All damaged portions shall be replaced on accordance with the Standards and Specifications of the State and/or the affected utility company. The Contractor shall contact Hawaii One Call Center for existence and location of underground utilities.
- 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.
- The Contractor shall notify the State, in writing, two weeks prior to starting paving operations.
- The Contractor shall reference all existing pavement markings prior to paving. 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. See Standard Detail, TE 30.
- Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidents necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items.
- All signs shall be of standard sizes unless specified. The sizing for each corresponding sign designation can be found in the Standard Plans. The intent here is to replace all existing signs with the same sign. The Contractor shall verify the sign sizes with the Engineer.
- 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 applicable conservation measures shall include the following:
 - To avoid impacts to listed seabirds;
 - To avoid impacts to Hawaiian hoary bat, trees and shrubs taller than 15 feet will not be trimmed or cleared between June 1 and September 15;
 - Since projects will be restricted to surfaces that are free of vegetation, impacts to the Blackburn's sphinx moth from shoulder improvements will be negligible;
 - All work will occur on existing roadways or within the paved portion of the rights-of-way;
- Dressing of shoulder shall consists of cleaning, grubbing, grading, reshaping and compacting the unpaved shoulder with suitable materials as directed by the Engineer. This work shall be considered incidental to Asphalt Concrete Pavement, Mix IV.
- The 6" Aggregate Subbase shall not be paid for separately, this work shall be considered incidental to Hot Mix Glassphalt.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	8/14
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES & LEGEND
HONOAPIILANI HIGHWAY GUARDRAIL
& SHOULDER IMPROVEMENTS
Vicinity of Ukumehame M.P. 13.2 to M.P. 13.3
Federal-Aid Project No. NH-030-K(053)
Date: August, 2014
SHEET No. 1 OF 1 SHEETS