

GENERAL NOTES

1. The scope of work for this project consists of all work associated with construction of Phase I of the New Airport Access Road and includes connection to Dairy Road, Pakaula Road, and Hana Highway. The work includes, but is not limited to, clearing and grubbing, demolition, grading, cold planing and resurfacing, installation of a.c. pavement, concrete gutter, guardrail, retaining wall, signing, striping, lighting, and drainage improvements including new two-cell culvert, detention basin, drain lines, inlets, manholes, and catch basins.
2. The Contractor shall reference the "Hawaii Standard Specifications for Road and Bridge Construction, 2005" as amended.
3. The Contractor's Attention is Directed to the following Sections of the Special Provisions: Subsection 104.09 – Maintenance of Traffic; Subsection 104.11 – Utilities and Services; Subsection 107.06 – Contractor Duty Regarding Public Convenience and Section 645 Work Zone Traffic Control.
4. 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.
5. 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.
6. The Contractor shall verify the presence of existing aerial and underground utilities which may conflict with construction activities and shall coordinate with the utility company for temporary relocation, as necessary. All costs associated with temporary relocation shall be borne by the Contractor.
7. When excavating in close proximity to walls, fences, and other improvements, the Contractor shall protect, support, secure, and take all precautions to prevent damaging these facilities and improvements.
8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
9. Existing facilities and/or pavement to remain which has been damaged by the Contractor shall be restored to its original condition or better at no cost to the State.
10. All grassed areas damaged by construction activities shall be planted in accordance with Specifications Section 619–Planting. Contractor shall restore to its original condition at no cost to the State.
11. 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.
12. Grass swale shall be graded to drain. This work shall be considered incidental to the various contract items.
13. The Contractor shall provide for access to and from all existing side streets at all times.

GENERAL NOTES (cont.)

14. All saw cutting work shall be considered incidental to various contract items.
15. All existing utilities, whether or not shown on the plans, shall be protected at all times by the Contractor during construction unless specified on the plans to be abandoned. The Contractor shall be held liable for any damages incurred to the existing utilities as a result of his operations. All damaged portions shall be replaced in accordance with the standards and specifications of the affected utility company at no cost to the State.
16. All work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to other various contract items and shall not be paid for separately.
17. Contractor shall schedule construction to begin at the Phase I Access Rd. Bl Sta. 58+48.10 = Airport Access Road to Hana Highway Project Bl Sta. 11+63.52
18. Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, walkways and driveways as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to various contract items and will not be paid for separately.

LEGEND

- — <sup>tb</sup> — Top Bank  
— — <sup>bb</sup> — Bottom Bank  
—EOH <sup>E&T</sup>— Existing Overhead Electric And Telephone  
—E— New Electrical Line  
—T— New Telephone Line  
    <sup>tp</sup> Existing Telephone Pole  
    •TP New Telephone Pole  
    ←TP New Telephone Pole w/Guy Wire  
    <sup>pp</sup> Existing Telephone Pole  
    •PP New Telephone Pole  
    ←PP New Power Pole w/Guy Wire  
—EW <sup>12</sup>— Existing Water Line w/Size  
—W—<sup>12</sup>— New Water Line w/Size  
    <sup>wmh</sup> Existing Water Manhole  
    •WMH Adjusted Water MH Frame/Cover  
    •WMH New Water Manhole  
    <sup>wv</sup> Existing Water Valve Box  
    •WV Adjusted Water Valve Box  
    •WV New Water Valve Box  
    <sup>wm</sup> Existing Water Meter  
    •WM Adjusted Water Meter  
    •WM New Water Meter  
    ♦FH Existing Fire Hydrant  
    •FH New Fire Hydrant  
—ES <sup>8</sup>— Existing Sewer Line w/Size  
—S—<sup>12</sup>— New Sewer Line w/Size  
    <sup>smh</sup> Existing Sewer Manhole  
    •SMH Adjusted Sewer MH Frame/Cover  
    •SMH New Sewer Manhole  
—ED <sup>36</sup>— Existing Drain Line w/Size  
    24" RCP New Drain Line w/Size

- sdmh Existing Storm Drain Manhole  
•SDMH Adjusted Storm Drain MH Frame/Cover  
•SDMH New Storm Drain Manhole  
◻gdi Existing Grated Drop Inlet  
◻cb Existing Catch Basin  
◻ Existing Traffic Sign  
◻ Existing Highway Lighting Standard

- ◻ HTel Existing Hawaiian Telephone Box  
◼ HTel New Hawaiian Telephone Box  
◼ HTel Adjusted Hawaiian Telephone Box  
◻ MECO Existing Maui Electric Co. Box  
◼ MECO New Maui Electric Co. Box  
◼ MECO Adjusted Maui Electric Co. Box  
◻ CATV Existing Cable TV Box  
◼ CATV New Cable TV Box  
◼ CATV Adjusted Cable TV Box

19. All dimensions and details shown on the drawings shall be checked and verified prior to the start of construction, and any discrepancies shall be immediately brought to the attention of the Engineer for clarification.
20. The Contractor shall restore all improvements damaged as a result of the construction to its original or better condition.
21. The Contractor shall obtain approval of lane closure hours and traffic control plans for County streets from the Maui County, Division of Engineering.
22. Install permanent roadway monuments as required.
23. The Contractor is reminded of the requirements of Subsection 105.16 – Subcontracts, which requires him to perform work amounting to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bids.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-0380(10)	2013	3	166

ORIGINAL PLAN NOTE BOOK No.	DATE	SURVEY PLOTTED BY	_____
		DESIGNED BY	_____
		QUANTITIES BY	_____
		CHECKED BY	_____

DRAWING NAME: C:\PROJECTS\KAHULUI-2011\PLANS\1-TITLE SHT & NOTES\1-T-3.DWG PLOT TIME: 02-22-13, 10:39 AM



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
*[Signature]*  
FUKUNAGA & ASSOCIATES, INC. APRIL 30, 2014 LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KAHULUI AIRPORT  
ACCESS ROAD, PHASE I  
Federal Aid Project No. NH-0380(10)  
Scale: None Date: February 19, 2013

SHEET No. 7-3 OF 13 SHEETS