

GENERAL NOTES

1. The scope of work for this project includes paving shoulders; installing guardrails and end treatments, pavement markings, traffic signs and milled rumble strips; constructing drainage improvements; and cleaning existing culvert and drainage structures.
2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities and Services; 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 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 exact locations and limits or areas to be excavated, reconstructed and cold planed shall be determined in the field by Engineer.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
8. The Contractor shall remove and dispose of all existing raised pavement markers, thermoplastic line markings, traffic tapes, and epoxy adhesives prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Item 401.0400-Hot Mix Asphalt Pavement, Mix No. IV and will not be paid for separately.
9. Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, and driveways as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to asphalt concrete and will not be paid for separately.
10. Trimming and dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by Engineer.
11. Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to any culvert work or the various contract items and will not be paid for separately.
12. The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to bulk of work or the various contract items and will not be paid for separately.

13. Removal and disposal of existing asphalt concrete pavement and any debris shall be considered incidental to their respective bid items.
14. All saw cutting work shall be considered incidental to Item 415.0100 - Cold Planing.
15. The Contractor shall provide and maintain for access to and from all existing driveways, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items and will not be paid for separately.
16. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designed in writing and approved by the Engineer. If use of location is approved by the engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the Hawaii District Office at telephone no. 933-8866.
- Hawaii One Call Center
17. Before any excavation in the public right of way or on private property, call the Hawaii One Call Center at least five (5) working days before you plan to dig. Provide the address and location of the nearest cross street(s) near where you plan to dig.
- Call 811 toll-free 24 hours a day.
For more information, go to www.callbeforeyoudig.org
18. The Hawaii One Call Center will contact all utility companies to tone, mark, or identify the location of their underground utilities for free. Mark the area where you plan to excavate in White and label all of the other utilities as listed below.

RED	Electric power lines, cables, or conduits, and lighting cables.
YELLOW	Gas, oil steam, petroleum or other hazardous liquid or gaseous materials.
ORANGE	Communications, cable TV, alarm or signal lines, cables, or conduits.
BLUE	Water, irrigation, and slurry lines.
GREEN	Sewers, storm sewer facilities or other drain lines.
WHITE	Proposed excavation
PINK	Temporary survey markings.
PURPLE	Reclaimed water, irrigation and slurry lines.

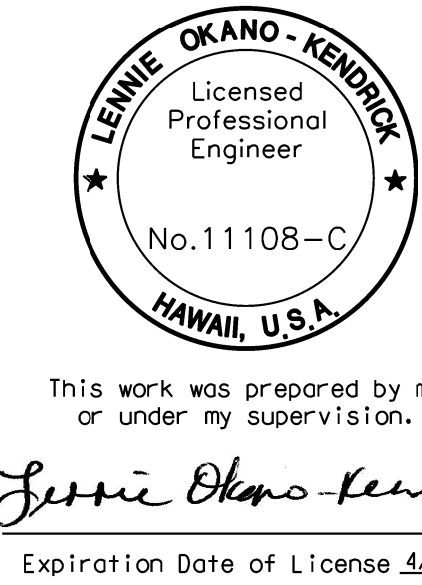
	Grading
	Repaving
	Shoulder Paving
	Stockpile
	Existing Electrical Line
	New Electrical Line
	Existing Joint Pole
	Existing Power Pole
	Existing Electric Manhole
	Adjusted Elec. MH Frame/Cover
	New Electric Manhole
	Existing Telephone Line
	New Telephone Line
	Existing Telephone Pole
	Existing Telephone Manhole
	Adjusted Tele. MH Frame/Cover
	New Telephone Manhole
	Existing Signal Corps Line
	New Signal Corps Line
	Existing TV Cable
	New TV Cable
	Existing Sandwich Isles Communication Line
	Existing 12" Water Line
	New 12" Water Line
	Existing Water Manhole
	Adjusted Water MH Frame/Cover
	New Water Manhole
	Existing Water Air Valve
	Adjusted Water Air Valve
	New Water Air Valve
	Existing Water Valve Box
	Adjusted Water Valve Box
	New Water Valve Box
	Existing Water Meter
	Adjusted Water Meter
	New Water Meter
	Existing Fire Hydrant
	New Fire Hydrant

LEGEND

	Existing Sewer Line
	New 12" Sewer Line
	Existing Sewer Manhole
	Adjusted Sewer MH Frame/Cover
	New Sewer Manhole
	Existing 6" Gas Line
	New 6" Gas Line
	Existing Gas Valve Box
	Adjusted Gas Valve Box
	New Gas Valve Box
	Existing Gas Manhole
	Adjusted Gas MH Frame/Cover
	New Gas Manhole
	Existing Monument
	Adjusted Monument
	New Monument
	Existing 24" Drain Line
	New 24 " RCP Drain Line
	Existing Storm Drain Manhole
	Adjusted Storm Drain MH Frame/Cover
	New Storm Drain Manhole
	Existing Grated Drop Inlet
	Existing Catch Basin
	Existing Traffic Sign
	Existing Highway Lighting Standard
	Existing Highway Lighting Pullbox
	Existing Traffic Signal Pole
	New Traffic Signal Pole
	Existing Traffic Signal Pullbox
	Adjusted Traffic Signal Pullbox
	New Traffic Signal Pullbox
	Existing Metal Guardrail
	New Metal Guardrail
	Existing Metal Fence
	Right-of-Way
	Flow Direction

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0190(017)	2021	3	27

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

MAMALAHOA HIGHWAY
SAFETY IMPROVEMENTS
Mile Post 3.90 to Mile Post 6.90
Federal Aid Project No. HSIP-0190(017)

Scale: N/A Date: June 2020

SHEET No. 1 OF 1 SHEETS