

GENERAL NOTES

1. This project includes removing existing guardrail and post, installing new guardrail and post; installing pavement and reflective markers; installing milled rumble strips; providing traffic control; proving water pollution and erosion control.
2. 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 bid.
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(A) - Contractor's Duty to Coordinate Utility Services, and Section 645 - Traffic Control.
4. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
5. 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.
6. 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 the 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.
7. The exact locations and limits or areas to be reconstructed and cold planed shall be determined in the field by the Engineer.
8. Preformed Pavement Marking Tape shall be removed prior to resurfacing. Removal shall be by scraping, grinding or other method approved by the Engineer. Payment shall be incidental to HMA Pavement, Mix No. IV.
9. The Contractor shall remove and dispose of all existing raised pavement markers prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to HMA Pavement, Mix No. IV.
10. Smooth riding connections shall be constructed at all limits of resurfacing including the beginning and end of project, side streets and driveways as shown on the plans and/or as directed by the Engineer.
11. Existing drainage system will be functional at all times during construction Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
12. Contractor shall provide for access to and from existing side streets and driveways at all times.
13. All saw cutting work shall be considered incidental to HMA Pavement, Mix No. IV and will not be paid for separately.

14. Initial preparation of shoulder areas shall be done by the Contractor. Shoulder preparation shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material from roadway reconstruction as shown on the plans and/or as directed by the Engineer. Contractor shall also be responsible for finish rolling and maintaining the shoulders until project completion. This work shall be considered incidental to HMA Pavement, Mix No. IV.
15. Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except where approved by the Engineer in writing.
16. Public Notice is required for lane closures. Contractor shall submit notice to the Engineer for approval a minimum of three weeks prior to publication. Pre-approval of notice, with dates left blank, is permissible.
17. Contractor shall maintain at least one paved shoulder free and clear of debris for pedestrian and bicycle traffic at all times.
18. The Contractor shall provide and maintain a temporary pedestrian-safe and easily accessible route or detour with barricades in or near the work zone. This temporary route or detour shall be stable, firm and slip-resistant and shall be American With Disabilities Act compliant. This work shall be incidental to all contract items and will not be paid for separately.
19. All sign post shall be completely painted with yellow reflective paint. such paint shall be considered incidental to sign items.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(39)	2011	ADD.3	31

LEGEND

- Resurfacing Limits
- Existing Joint Pole
- Existing Power Pole
- Existing Anchor Pole
- Existing Electric Manhole
- Existing Telephone Pole
- Existing Telephone Manhole
- Existing Water Manhole
- Adjusted Water MH Frame/Cover
- Existing Water Valve Box
- Adjusted Water Valve Box
- Existing Water Meter
- Adjusted Water Meter
- Existing Fire Hydrant
- Adjusted Fire Hydrant
- Existing Monument
- Adjusted Monument
- Existing Grated Drop Inlet
- Existing Traffic Sign With 1 Post
- New Traffic Sign With 1 Post
- Existing Traffic Sign With 2 Posts
- New Traffic Sign With 2 Posts
- Existing Highway Lighting Standard
- Existing Street Lamp Pullbox
- Existing Single Metal Guardrail
- New Single Metal Guardrail
- Existing Fence
- (N.I.C.) Not In Contract

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
Sketchpad	DESIGNED BY	
No. 101/1000	QUANTITIES BY	
	CHECKED BY	

1/5/12 Corrected Note #1. A

DATE REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL NOTES AND LEGEND**

HAWAII BELT ROAD GUARDRAIL  
SHOULDER IMPROVEMENTS  
Papalele Road to Kaumoali Bridge  
Federal Aid Project No. NH-019-1(39)

Date: Dec., 2011

SHEET No. 1 OF 1 SHEETS



