

ORIGINAL PLAN	NOTE BOOK heAd sblagnadgn	DATE	SURVEY PLOTTED BY	_____
			DRAWN BY	_____
			DESIGNED BY	_____
			CHECKED BY	_____

GENERAL NOTES

1.

The project consists of paving shoulders, installing new striping and markers, installing new signs, installing and adjusting guardrails, installing milled rumble strips and upgrading bridge railings.
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 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 methods 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 (3) 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 Americans 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.

LEGEND

- Reconstruction Areas
- Leveling Areas
- Cold Planing Areas
- Resurfacing Limits
- 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 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

- Existing State Right-Of-Way, Access Opening
- Existing Guardrail
- New Guardrail
- Existing 12" 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
- Edge of Pavement
- Edge of Shoulder
- Right of Way
- Baseline
- On Center
- Match Line
- Point of Curvature
- Point of Tangency
- Point on Tangent

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HAWAII BELT ROAD GUARDRAIL
AND SHOULDER IMPROVEMENTS
Vicinity of Kalopa Bridge and
Kaunaloa Bridge to E. Paauilo Bridge
Federal-Aid Project No. NH-019-2(71)
Scale: None
Date: Nov., 2018

SHEET No. 1 OF 1 SHEETS