GENERAL NOTES

- This project consists of cold planing, paving, adjusting existing frames and grates, removing of existing guardrails, installing of new guardrails, reconstructing existing centerline monuments installing pavement striping and markers, furnishing equipment, tools, materials, labor and incidentals necessary to complete the work.
- The Contractor is reminded of the requirements of Subsection 105.16 - Sub Contracts, 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.
- The Contractor's attention is directed to the following Sections: Subsection 107.06 - Contractor Duty Regarding Public Convenience, Subsection 407.05 - (Tack Coat) Payment, and Section 645 - Traffic Control.
- 4. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
- 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 may be determined from previous construction plans 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.
- The exact locations and limits of areas to be paved and cold planed shall be determined in the field by the Engineer.
- 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 Item No. 401.0400-HMA Pavement, Mix No. IV.
- 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 Item No. 401.0400 - HMA Pavement, Mix No. IV.
- Smooth riding connections shall be constructed at all limits of repair including the beginning and end of project shown on the plans and/or as directed by the Engineer.
- 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 paid for under Item No. 209.0100 Installation, Maintenance, Monitoring, and Removal of BMP.
- Contractor shall provide for access to and from existing side streets and driveways at all times.

- All saw cutting work shall be considered incidental to Item No. 401.0400 - HMA Pavement, Mix No. IV and will not be paid for separately.
- 14. Unprotected pavement dropoffs greater than 3" shall not be allowed during non-working hours, except where approved by the Engineer in writing.
- 15. Public Notice is required for lane closures. Contractor shall submit notice to the Engineer for approval a minimum of three weeks prior to publication. Preapproval of notice, with dates left blank, is permissible.
- All cold planed material shall belong to the state. The contractor shall stockpile material as directed by the engineer.
- 17. No equipment shall be stored within the state Right-of-Way except at locations approved by the engineer.
- Contractor shall clear all debris (ie. dirt, trash, grass) from all storm inlets prior to construction and at completion of the project. This work shall be paid for under Item No. 603.1000 Clean Existing Culverts and Removal of BMP.
- Dressing of shoulder with the cold planed material shall be paid considered incidental to Cold Planing, Item No. 415.1000.

LEGEND

→ New Fire Hydrant

<u>LLGLND</u>			
	Reconstruction Areas		Existing State Right-Of-Way, Access Opening
	Leveling Areas		Existing Guardrail
			New Guardrail
	Cold Planing Areas	—_A—12—	Existing Sewer Line
	Resurfacing Limits	—-S—12—	New 12" Sewer Line
e	Existing Electrical Line	° smh	Existing Sewer Manhole
—Е——	New Electrical Line	°SMH	Adjusted Sewer MH Frame/Cover
- JP	Existing Joint Pole	•SMH	New Sewer Manhole
	Existing Power Pole	—g—6—	Existing 6" Gas Line
	Existing Electric Manhole	—-G—6—	New 6" Gas Line
EMH		°gv	Existing Gas Valve Box
• EMH	New Electric Manhole	0,	Adjusted Gas Valve Box
	Existing Telephone Line	•GV	New Gas Valve Box
		O	Existing Gas Manhole
°t _f p	Existing Telephone Pole	° GMH	Adjusted Gas MH Frame/Cover
otmh	,	•GMH	New Gas Manhole
	Adjusted Tele. MH Frame/Cover	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Existing Monument
		141014.	Adjusted Monument
	Existing Signal Corps Line	[™] MON.	New Monument
	New Signal Corps Line		Existing 24" Drain Line
	Existing TV Cable		New 24 " RCP Drain Line
TV	New TV Cable		Existing Storm Drain Manhole
-w12	Existing 12" Water Line		Adjusted Storm Drain MH Frame/Cover
-W12	New 12" Water Line		New Storm Drain Manhole
$^{\circ}wmh$	Existing Water Manhole	U	Existing Grated Drop Inlet
WMH	Adjusted Water MH Frame/Cover	<i>cb</i>	Existing Catch Basin
•WMH	New Water Manhole	Þ₄ign	Existing Traffic Sign
oav	Existing Water Air Valve	0	
$^{\circ}$ AV	Adjusted Water Air Valve	the	Existing Highway Lighting Standard
ullet AV	New Water Air Valve	Thlpb	Existing Highway Lighting Pullbox
\circ_{wv}	Existing Water Valve Box	E.P.	Edge of Pavement
$^{\circ}WV$	Adjusted Water Valve Box		Edge of Shoulder
\bullet_{WV}	New Water Valve Box		Right of Way
$\Box wm$	Existing Water Meter	B	Baseline
□WM	Adjusted Water Meter	0.C.	On Center
- WM	New Water Meter	M.L.	Match Line
-b-fh	Existing Fire Hydrant		Point of Curvature
1	Maria Cina di la dina ad		,

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

P.T. Point of Tangency

P.O.T. Point on Tangent

GENERAL NOTES AND LEGEND

HAWAII BELT ROAD Safety Improvements

Laupahoehoe Gulch and Ka'awali'i Gulch Federal Aid Project No. HSIP-019-2(62)

Date: June, 2012

FISCAL SHEET TOTAL YEAR NO. SHEETS

NO. SHEETS

3 | 42

FED. AID

HAW. | HSIP-019-2(62) | 2012

DIST. NO. STATE

SHEET No. 1 OF 1 SHEETS

