

GENERAL NOTES

1. The scope of work for this project consists of removing and disposing existing inlet, outlet structures and culvert, installing new concrete inlet, outlet structures and 48" culvert, installing GRP slope protection, pavement reconstruction, removing and disposing of trees, protecting trees, and regrading roadway embankments.
2. The Contractor's attention is directed to the following Sections of the Specifications: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities and Services; and Section 645 - Work Zone Traffic Control.
3. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
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 exact locations and limits or areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the 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 and traffic tapes prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to HMA Pavement, Mix No. IV and will not be paid for separately.
9. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V prior to resurfacing. This work will be paid for under HMA Pavement, Mix No. IV.
10. Smooth riding connections shall be constructed at all limits of resurfacing, 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.
11. Dressing of shoulder, sidewalk and bus turnout 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 the Engineer. This work shall be considered incidental to the various contract items.
12. Existing drainage system will be 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.

13. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
14. The contractor shall provide for access to and from all existing side streets at all times.
15. If the Contractor elects to install steel plates to cover open trenches during non-working hours, the Contractor shall submit a shop drawing stamped by a licensed Structural Engineer for approval prior to use.

LEGEND

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Reconstruction Areas
Leveling Areas
Cold Planing Areas
Resurfacing Limits
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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 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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-02-09	2012	3	14

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	
DESIGNED BY	CHECKED BY	
QUANTITIES BY		
CHECKED BY		
No. 1000		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KOHALA MOUNTAIN ROAD
DRAINAGE IMPROVEMENTS, PHASE 2
VICINITY OF M.P. 12.88
Project No. 250A-02-09

Scale: None Date: March 2012

SHEET No. 1 OF 1 SHEETS