

GENERAL NOTES

1. The scope of work for this project consists of removing existing Auwāiākeakua and Popoo timber bridges; constructing new Auwāiākeakua and Popoo concrete bridges, detour roads and approaches to bridges, relocating a utility pole, removing existing wire fencing with posts and installing new guardrails, wire fencing with posts, signs and pavement markings.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 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 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -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 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 reconstructed 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 Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
9. 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.
10. Dressing of shoulders 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.
11. 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.
12. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
13. The Contractor shall provide for access to and from all existing side streets at all times.
14. All saw cutting work shall be considered incidental to Roadway Excavation.

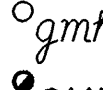
15. All construction signs shall be left in place until all construction items have been completed. Contractor shall obtain prior approval from the Engineer to remove construction signs.
16. Complete Control of Access to properties adjacent to the Highway Right-of-Way shall be maintained throughout the construction period. The Contractor shall have the temporary wire fence installed and approved by the Engineer prior to removal of the existing wire fence. Furthermore, the Contractor shall have the permanent wire fence installed and approved by the Engineer prior to removal of the temporary wire fence.
17. Following completion of each bridge and prior to removing appurtenances for the detour road, all pavement markings shall be installed as shown on the pavement marking plans of design as directed by the Engineer. This shall not be paid for separately but shall be considered incidental to the various contract items.
18. Upon completion of the bridges and traffic is transferred to the finished permanent roadway, the detour roads including all its appurtenances shall be removed and the construction parcels shall be restored to its original condition or as approved by the Engineer.
19. The Contractor shall notify the Engineer in writing two (2) weeks prior to excavating the bridge footings. The Materials Testing and Research Branch shall examine the excavated site for confirmation of soil parameters. The Contractor shall not begin constructing the abutments until the Engineer has approved the soil parameters.
20. All Cold Planing shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.

GENERAL DETOUR NOTES

1. Detour traffic lanes shall be 11-foot wide with 2-foot wide shoulders.
2. Any request for changes to the detour plans shall be made in writing for the Engineer's approval.
3. Detour pavement structure shall be paid for under the respective items listed in the proposal schedule.
4. Guardrails along the detour roads and culvert pipes in good condition shall be salvaged and delivered to the State D.O.T. Waimea Baseyard, 66-2595 Kawaihae Rd. This work will be considered incidental to the various contract items.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0190(13)	1999	3	75

LEGEND

	Reconstruction Areas		Existing Sewer Line
	Leveling Areas		New 12" Sewer Line
	Cold Planing Areas		Existing Sewer Manhole
	Resurfacing Limits		Adjusted Sewer MH Frame/Cover
	Existing Electrical Line		New Sewer Manhole
	New Electrical Line		Existing 6" Gas Line
	Existing Joint Pole		New 6" Gas Line
	Existing Power Pole		Existing Gas Valve Box
	Existing Electric Manhole		Adjusted Gas Valve Box
	Adjusted Elec. MH Frame/Cover		New Gas Valve Box
	New Electric Manhole		Existing Gas Manhole
	Existing Telephone Line		Adjusted Gas MH Frame/Cover
	New Telephone Line		New Gas Manhole
	Existing Telephone Pole		Existing Monument
	Existing Telephone Manhole		Adjusted Monument
	Adjusted Tele. MH Frame/Cover		New Monument
	New Telephone Manhole		Existing 24" Drain Line
	Existing Signal Corps Line		New 24 " RCP Drain Line
	New Signal Corps Line		Existing Storm Drain Manhole
	Existing TV Cable		Adjusted Storm Drain MH Frame/Cover
	New TV Cable		New Storm Drain Manhole
	Existing 12" Water Line		Existing Grated Drop Inlet
	New 12" Water Line		Existing Catch Basin
	Existing Water Manhole		Existing Traffic Sign
	Adjusted Water MH Frame/Cover		Existing Highway Lighting Standard
	New Water Manhole		Existing Fence
	Existing Water Air Valve		New Fence
	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		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HAWAII BELT ROAD
Replacement of Auwāiākeakua
and Popoo Bridges
Federal Aid Proj. No. BR-0190(13)

Date: Sept. 1996

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	DATE	5-4-99
SURVEY PLOTTED BY		
DRAWN BY		
TRACED BY		
NOTED BY		
QUANTITIES BY		
CHECKED BY		