

GENERAL NOTES

1. The scope of work for this project includes improving and constructing shoulders for bicycle lanes; cold planing; resurfacing; reconstructing asphalt sidewalk with concrete, driveways, and curb and gutter; relocating and adjusting utilities; upgrading railings at pedestrian overpass; improving drainage and guardrail; constructing curb ramps; and installing traffic 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 filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer.
7. The Contractor shall notify Oahu Transit Services, Inc., (OTS-TheBus contractor), Ed Sniffen (848-4571) or Lowell Tom (848-4578), two weeks prior to construction, informing them of location, scope of work, proposed closure of any street or traffic lanes, and the need to relocate any bus stops.
8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
9. 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 Superpave Concrete Pavement and will not be paid for separately.
10. 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 incidental under Superpave Concrete Pavement and shall not be paid for separately.
11. 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. This work shall be considered incidental to various contract items and shall not be paid for separately.
12. 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.


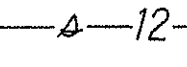
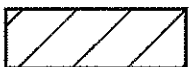

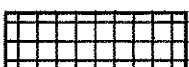
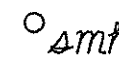


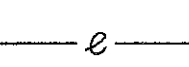

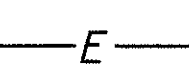

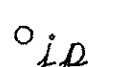
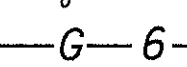
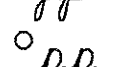
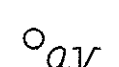
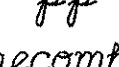
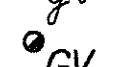
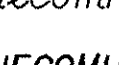
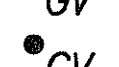

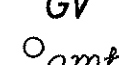




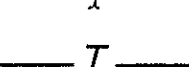



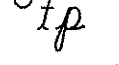




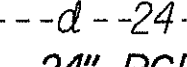

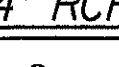

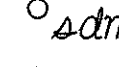
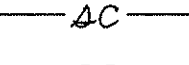



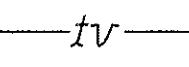
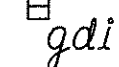
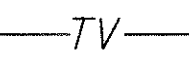

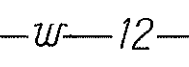
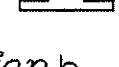
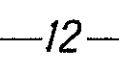
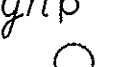






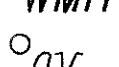
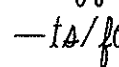
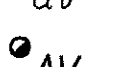

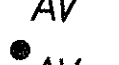
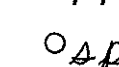
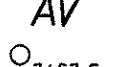
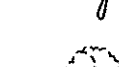



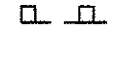



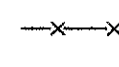



13. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
14. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
15. The contractor shall provide for access to and from all existing side streets at all times.
16. All saw cutting work shall be considered incidental to Excavation for Reconstruction of Weakened Pavement Areas.
17. The exact location and limits of guardrail improvement shall be determined in the field by the Engineer.
18. The Contractor shall notify the State plumbers at 837-8077 five weeks prior to relocating the sprinkler head and appurtenances.
19. Cold plane full AC depth - AC pavement shall be completed at the end of each working day.
20. Contractor shall coordinate with the Contractor of Grace Pacific Corporation and Board of Water Supply for construction phasing and scheduling. (Project No. NH-072-1(47) and BWS Job No. 99-33)

DRAINAGE NOTES

1. Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various Contract Items.
2. The Contractor shall verify the locations of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at his own expense.
3. Only non-pneumatic type of drill as approved by the Engineer will be permitted for drilling holes in concrete.
4. Demolishing and removing existing grated drop inlet at Outbound Frontage Road Baseline Station 203+72 Lt. shall not be paid for separately but shall be considered incidental to Type "A-9P" Grated Drop Inlet.
5. Demolishing and removing existing catch basin at Waialae Outbound Frontage Road Baseline Station 2+02 Rt. shall not be paid for separately but shall be considered incidental to Type "BI" Catch Basin.
6. For added reinforcing around new culverts, see Standard Plan H-04.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(72)	2000	ADD.3	60

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
	Adjusted Elec. Pullbox		Adjusted Gas MH Frame/Cover
	Existing Telephone Line		New Gas Manhole
	New Telephone Line		Existing Monument
	Existing Telephone Pole		Adjusted Monument
	Existing Telephone Manhole		New Monument
	Adjusted Tele. MH Frame/Cover		Existing 24" Drain Line
	New Telephone Manhole		New 24 " RCP Drain Line
	Adjusted Telephone Pullbox		Existing Storm Drain Manhole
	Existing Signal Corps Line		Adjusted Storm Drain MH Frame/Cover
	New Signal Corps Line		New Storm Drain Manhole
	Existing TV Cable		Existing Grated Drop Inlet
	New TV Cable		Existing Catch Basin
	Existing 12" Water Line		Existing Traffic Sign
	New 12" Water Line		Existing Highway Lighting Standard
	Existing Water Manhole		Adjusting Highway Lighting Pullbox
	Adjusted Water MH Frame/Cover		Existing Fire Alarm Pullbox
	New Water Manhole		Existing Traffic Signal/Fiber Optic Line
	Existing Water Air Valve		Adjusting Fire Alarm Pullbox
	Adjusted Water Air Valve		Existing Sprinkler
	New Water Air Valve		Existing Tree
	Existing Water Valve Box		Existing Metal Guardrail
	Adjusted Water Valve Box		New Metal Guardrail
	New Water Valve Box		Existing Chain Link Fence
	Existing Water Meter		New Chain Link Fence
	Adjusted Water Meter		Existing Traffic Signal Pole
	New Water Meter		Existing Traffic Signal Pullbox
	Existing Fire Hydrant		Adjusted Traffic Signal Pullbox
	New Fire Hydrant		

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

10/20/00	Revised General Note No. 7.
DATE	REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL NOTES AND LEGEND**  
Waialae Avenue Shoulder Improvements  
For Bicycle Lanes  
Kealaolu Avenue to Kalanianaʻole Highway  
and 17th Avenue to 21st Avenue  
Federal Aid Project No. CMAQ-0300(72)

Scale: As Shown      Date: June, 2000

SHEET No. 1 OF 1 SHEETS