

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61D-01-06M	2006	3	18

## GENERAL NOTES:

- The project includes construction of a temporary paved roadway. The work shall consist of clearing and grubbing, excavation, and embankment construction; installing a permeable separator; furnishing and placing aggregate base and asphalt concrete; installing signing and pavement markings; installing an impact attenuator; installing tubular delineators; adjusting manhole frames and covers, and valve boxes to finish grade; adjusting centerline monuments, and hydro-mulch seeding; removal, transplanting, and maintenance of landscaping; and traffic control.
- 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.
- At the end of each day's work, the Contractor shall remove all equipment and other obstruction to permit free and safe passage of public traffic.
- 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.
- The Contractor shall verify the presence of existing aerial and underground utilities which may conflict with construction activities and shall coordinate with the utility company for temporary relocation, as necessary. All costs associated with temporary relocations shall be borne by the Contractor.
- The Contractor shall provide for vehicle and pedestrian access to and from all existing side streets at all times.
- Existing drainage system shall be kept 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.
- Existing concrete structures, such as manholes, culverts, channels, etc., which are designated to be removed or are in conflict with proposed construction shall be removed to a depth of not less than 3 feet below finish grade in roadway and not less than 1.5 feet below finish grade in other areas.
- Existing pavement within 6 inches of the finish grade in areas to be grassed shall be removed. All other existing pavement which will not be overlaid with new A.C. pavement shall be rooted, plowed, pulverized, or scarified to a minimum depth of 6 inches.
- Existing facilities and/or pavement to remain which has been damaged by the Contractor shall be restored to its original condition at no cost to the State.
- All regraded areas and all grassed areas damaged by construction activities shall be planted in accordance with Specifications Section 641 - Hydro-Mulch Seeding.
- Sawcut pavement at limits of reconstruction before removal. Cold plane an additional 1'-0" of existing pavement beyond pavement reconstruction prior to paving final lift of A.C. Cold planing will not be measured or paid for separately but shall be incidental to the various contract items.




- All saw cutting work will not be measured or paid for separately, but shall be incidental to the various contract items.
- When excavating in close proximity to walls, fences, and other improvements, the Contractor shall protect, support, secure, and take all precautions to prevent damaging these facilities and improvements.
- The Contractor shall verify the locations and elevations of all existing utility lines and notify respective owners before commencing any excavation work.
- Steel plates for covering trenches shall have a skid resistant surface.
- Where necessary, existing A.C. pavement shall be cold-planed up to 2" inches below finish grade to permit installation of A.C. overlay of not less than 2 inches thick.
- The Contractor shall notify the Engineer in writing, one (1) day prior to starting paving operations.
- Smooth riding connections shall be constructed at all limits of construction according to the Contract. This work will not be measured or paid for separately, but shall be considered incidental to the various contract items.
- The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St., Honolulu, HI 96819 (Ph.# 848-4571) two (2) days prior to any paving operations.
- No material or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations designated in writing and approved by the Engineer.
- Contractor shall dispose or deliver any removed material at no cost to the State.
- Tack Coat shall be incidental to the various Asphalt Concrete Pavement Items.
- The Contractor shall be held liable for any damages incurred to the existing landscaping to remain as a result of his operations.
- After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal or better than existing condition prior to construction.
- All existing utilities, whether or not shown on the plans, shall be protected at all times by the Contractor during construction unless specified on the plans to be abandoned. The Contractor shall be held liable for any damages incurred to the existing utilities as a result of his operations. All damaged portions shall be replaced in accordance with the standards and specifications of the affected utility company at no cost to the State.

- The Contractor is reminded of the requirements of Subsection 108.01 - Subcontracting 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 bids.
- Irrigation lines in conflict with the Construction shall be cut and capped. The irrigation sprinkler heads in the project limits shall be turned off. Payment for this work shall be considered incidental to the various contract items.

## ABBREVIATIONS:

AC, ac	Asphalt Concrete
AB	Aggregate Base
℄	Baseline
es	Existing Edge of Shoulder
ep	Existing Edge of Travel Way
EB	Eastbound
ES	Edge of Shoulder
EP	Edge of Travel Way
Lt.	Left of ℄
M.L.	Matchline
ST. MON.	Street Monument
NTS	Not to Scale
o.c.	On Center
PC	Point of Curvature
PCC	Point of Compound Curve (for Alignment)
PI	Point on Intersection
POC	Point on Curvature
POT	Point on Tangent
PT	Point of Tangency
R	Radius
R/W	Right-of-Way
Rt.	Right of ℄
S.E., s.e.	Superelevation
sl	Street Light
STA	Station along ℄
t	Exist. Telephone
w	Exist. Water

## LEGEND:

Existing	Proposed
	AC Pavement
	3" AC Mix IV
	6" Aggregate Base
	Permeable Separator
-----	Right-of-Way
---d30---	Drain Pipe
---□---□---	Guardrail, Type 3
-----	Silt Fence
	Street Light
	Landscaping
---sl---	Utility

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
INCHES	
SCALE	

KAILUA ROAD/MISC. NOTES/APP

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

**GENERAL NOTES, LEGEND,**

**AND ABBREVIATIONS**

KAILUA ROAD

TEMPORARY LANE FOR ROCKFALL & LANDSLIDE

PROJECT NO.: 61D-01-06M

Scale: None Date: May 2006

SHEET No. 13 OF 7 SHEETS