

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50C-03-06	2009	3	7

GENERAL NOTES

- The scope of work for this project consists of: constructing grated drop inlets and installing drainage culvert.
- 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.
- 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.
- Dressing of shoulder 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.
- All saw cutting work shall be considered incidental to the various contract items.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
- Any pavement striping/markings damaged by the Contractor as a result of his operations shall be replaced by the Contractor at no cost to the State.
- Contractor shall dispose or deliver any removed material at no cost to the State.
- 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 the Contractor's expense.
- The Contractor shall contact the Hawaii One Call Center (HOCC) @ 866-423-7287 prior to excavation.
- Contractor shall construct Type 1211216P Grated Drop Inlet around the existing Department of Water, County of Kauai blowout facilities. Any facilities damaged during construction shall be repaired or replaced at the Contractor's expense.
- Contractor shall grade AC shoulder area to provide positive 20:1 (minimum) - 6:1 (maximum) slope towards grated drop inlets.


DRAINAGE NOTES

- 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.
- 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.
- For added reinforcing around existing and new culverts, see Standard Plan H-06.
- Concrete shall be Class A unless otherwise noted.
- Chamfer all exposed concrete edges 3/4".

WATER NOTES FOR EXISTING WATER FACILITIES

- Prior to commencing his operations, the Contractor shall contact the County of Kauai, Department of Water Operations Division (phone no. 245-5444) and make arrangements for the Department to locate and mark the existing water facilities within the project limits, such as waterlines, valve boxes and manhole frame/covers (including ones that may have been inadvertently paved over on previous resurfacing projects). The tops of existing valve boxes, manhole frame/covers, etc., shall be adjusted to match the new finished grades noted on the construction plans.
- If adjustment of valve boxes and manhole frame/covers are required, it shall be the Contractor's responsibility to offset and record the location of the valve boxes and manhole frame/covers as marked by the Department of Water for the purposes of adjusting to the new finish grade. The Contractor shall preserve all of their offset stakes marking locations of the valve boxes and manhole frame/covers. If offset stakes are damaged or lost, it shall be the Contractor's sole responsibility to survey and re-stake the locations of the valve boxes and manhole frame/covers at their expense.
- Adjusting water meter boxes - If necessary, existing service lateral piping shall be adjusted to maintain a spacing of 6" from the centerline of the piping in the meter box to the bottom of the meter box cover. In new sidewalk areas, replace the Type "B" meter box & cover with Type "X" meter box & cover. The top of all water meter boxes shall be flush with the new sidewalk surface.

ORIGINAL PLAN	DATE	8/16/08
DESIGNED BY	DRWN BY	
CHECKED BY	IN CHARGE	
NOTED BY	DATE	

APPROVED:	
	8/20/08
for Manager & Chief Engineer	Date
Dept. of Water, County of Kauai	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
NOTES
KAUMUALII HIGHWAY DRAINAGE IMPROVEMENTS
Vicinity of Milepost 10.9
Project No. 50C-03-06
Date: August, 2008
SHEET No. 1 OF 1 SHEETS