

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(54)	2001	21	30

DRAINAGE SUMMARY

PROJECT : KAMEHAMEHA AVE. BIKEWAY IMPROVEMENTS, Hilo Bayfront Hwy. to Kalaniana'ole Ave.
FED. AID PROJECT NO. : NH-019-2(54)

ITEM NO.	604. 3200	604. 3600	604. 4000	657. 5000
UNIT USED	EA.	EA.	EA.	EA.
Baseline Station	Type 6121/4P Grates	Type 6161/4P Grates	Type A Grate	Sidewalk Drain
H.B. Hwy. 53+42±, Rt.			1	
H.B. Hwy. 54+66, Rt.		1		
H.B. Hwy. 56+26±, Rt.	1			
H.B. Hwy. 56+22±, Lt.	1			
H.B. Hwy. 58+06±, Lt.	1			
H.B. Hwy. 60+24±, Lt.		1		
Kam. Ave. 22+62±, Lt.		1		
Kam. Ave. 23+24±, Rt.			1	
Kam. Ave. 25+00±, Rt.		1		
Kam. Ave. 27+90±, Rt.			1	
Kam. Ave. 48+94±, Lt.				1
Kam. Ave. 49+50±, Lt.				1
Total	3	4	3	2

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.
- The grate dimensions shown on Sheet No. H4 are approximate. The Contractor shall verify the grate dimensions at H.B. Hwy Baseline Sta. 53+42±, Rt., Kam. Ave. Baseline Sta. 23+16±, Rt., and Kam. Ave. Baseline Sta. 27+90±, Rt., prior to fabricating grates. The Contractor shall submit shop drawings to the Engineer for approval prior to fabricating and installing grates.

ORIGINAL PLAN	DATE 4/18/00
DESIGNED BY E. T. COB	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE SUMM. & NOTES
KAMEHAMEHA AVE. BIKEWAY IMPROVEMENTS
Hilo Bayfront Hwy. to Kalaniana'ole Ave.
Fed. Aid Proj. No. NH-019-2(54)
Scale: 1 1/2"=1'-0" Date: March 2000

SHEET No. **H1** OF **5** SHEETS