

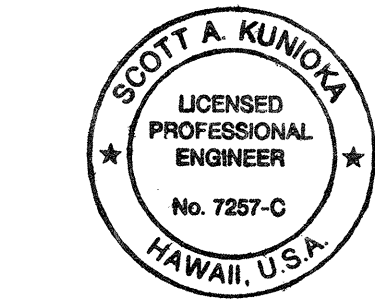
DATE	REVISION	DRAINAGE SUMMARY OF REMOVAL AND INSTALLATION OF CULVERTS AND DRAINAGE STRUCTURES																		KAHEKILI HIGHWAY Repairs and Maintenance Project No. 340CD-01-02M		
		ITEM NO.	202 0410	202 0411	202 0430	202 0440	304 1110	305 1110	401 0500	503 0020	503 0021	603 7301	603 7302	604 0100	604 0110	604 0120	604 0130	604 0300	604 2310	609 6000	612 0100	
		UNIT USED	EA.	EA.	S.Y.	S.Y.	C.Y.	C.Y.	TON	EA.	EA.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	L.F.	C.Y.	
BASELINE STATION (From)	BASELINE STATION (To)		Removal of existing drain inlet	Removal of existing grate inlet	Removal of exist. a.c. pavement	Removal of exist. conc. pavement	Aggregate Base Course	Aggregate Sub-base Course	Asphalt Concrete Pavement, Mix No. V	Concrete Collar	Concrete Plug	12-Inch Reinf. Conc. Pipe Class III	24-Inch Reinf. Conc. Pipe Type III	Type 61614 Grated Drop Inlet (3.00 to 3.99 Ft.)	Type 61614 Grated Drop Inlet (4.00 to 4.99 Ft.)	Type 61614 Grated Drop Inlet (5.00 to 5.99 Ft.)	Type 61614 Grated Drop Inlet (8.00 to 8.99 Ft.)	Type "D" Catch Basin (3.00 to 3.99 Ft.)	Replace exist. grate with Mod. Type A-9P S.G.	Bituminous Curb Type 6	Grouted Rubble Paving	
73+78	73+78			1			1	2	1	1		3						1				
74+04	74+04																		1			
74+60	75+77				20	8	8		6											79		
77+02	77+02																		1			
130+24	131+41		1											1							17	
144+19	144+19				14		3	5	4				50			1						
149+17	149+17		1												1							
154+71	154+71		1											1								
160+78	160+78		1												1							
180+81	180+81		1														1					
194+54	194+54		1											1								
217+75.5	218+21		1		17		4	6	4		2		61			1						
	TOTAL		7	1	51	8	16	13	15	1	2	3	111	3	2	2	1	1	2	79	17	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340CD-01-02M	2002	33	33

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	NOTE BOOK
No.	No.

6/17/33-49p



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Scott A. Kunoka
SHIMADZUKURO, ENDO & YOSHIZAKI, INC.
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE SUMMARY

Kahekili Hwy. Repairs and Maintenance
Waiehu Beach Road to Camp Maluhia
Project No. 340CD-01-02M

Scale: As Shown Date: March 21, 2002

SHEET No. 1 OF 1 SHEETS