

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	32	127

ITEM NO.	206	603	603	603	604	604	604	604	604	604	604	604	604	604	604	604	604	604
	0100	0100	0150	0200	0100	0110	0120	0130	0140	0200	0210	0220	0300	0310	0330	0340	0350	0360
UNIT USED	C.Y.	L.F.	L.F.	Each	L.F.	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each
STATION	STRUCTURE EXCAVATION FOR DRAINAGE SYSTEM	24-INCH CMP	30-INCH CMP	CONCRETE COLLAR	TYPE 61616P G.D.I. 5.00 FT. TO 5.99 FT.	TYPE 61616P G.D.I. 6.00 FT. TO 6.99 FT.	TYPE 61616P G.D.I. 7.00 FT. TO 7.99 FT.	TYPE 61616P G.D.I. 8.00 FT. TO 8.99 FT.	TYPE 61614B G.D.I. 6.00 FT. TO 6.99 FT.	TYPE C SDMH 7.00 FT. TO 7.99 FT.	TYPE C SDMH 9.00 FT. TO 9.99 FT.	TYPE F SDMH 7.00 FT. TO 7.99 FT.	TYPE B CATCH BASIN 8.00 FT. TO 8.99 FT.	TYPE B CATCH BASIN 7.00 FT. TO 7.99 FT.	TYPE C CATCH BASIN 4.00 FT. TO 4.99 FT.	TYPE C CATCH BASIN 5.00 FT. TO 5.99 FT.	TYPE C1 CATCH BASIN 6.00 FT. TO 6.99 FT.	TYPE C1 CATCH BASIN 8.00 FT. TO 8.99 FT.
Ramp C @ Sta. 22+16.15	37		9	1				1										
Ramp C @ Sta. 22+11.48	41		8	1		1												
Ramp C @ Sta. 24+92.51	29		9	1	1													
FWR @ Sta. 104+90	38	10		1			1											
FWR @ Sta. 108+39.80	31	16		1					1									
FWR @ Sta. 109+73.25 to FWR @ Sta. 111+68.60	385		35	1		1							1					
FWR @ Sta. 111+78 to FWR @ Sta. 112+78	175	110			1							1				1		
FWR @ Sta. 116+50	295	130									1		1					1
FWR @ Sta. 120+00	230	125								1				1			1	
FWR @ Sta. 123+25.5	30													1				
FWR @ Sta. 123+68 to FWR @ Sta. 124+00	35	30													1			

ITEM NO.		605	605	605	605
		0100	0200	0300	0400
UNIT USED		L.F.	L.F.	Each	Each
LOCATION		6-INCH PERFORATED PIPE	6-INCH NON- PERFORATED PIPE	CLEANOUT	CAP
FROM	TO				
INBOUND					
Ramp A @ Sta. 14+60	Ramp A @ Sta. 10+00	500		1	
FWR @ Sta. 103+50	FWR @ Sta. 123+95	2,060	60	1	5
OUTBOUND					
Ramp C @ Sta. 19+81.16	Ramp C @ Sta. 30+00	1,050	10	3	
FWR @ Sta. 94+45	FWR @ Sta. 99+84	540	5	3	
FWR @ Sta. 107+00	FWR @ Sta. 123+95	1,730	30	1	4

<u>ABBREVIATIONS</u>	
<i>CMP</i>	<i>Corrugated Metal Pipe</i>
<i>PVC</i>	<i>Polyvinyl Chloride</i>
<i>CB</i>	<i>Catch Basin</i>
<i>G.D.I.</i>	<i>Grated Drain Inlet</i>
<i>SDMH</i>	<i>Storm Drain Mahhole</i>

1/16/04	1 Revised Quantities
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE SUMMARY

FORT WEAVER ROAD WIDENING
NEAR LAULAUNUI STREET

FEDERAL AID PROJECT NO. CMAQ-076-1(8)

SCALE: AS NOTED DATE: October 2003

SHEET No. 1 OF 9 SHEETS

ORIGINAL FLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
No. _____	CHECKED BY _____