

ROAD DIST. NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	220A-01-03M	2003	20	37

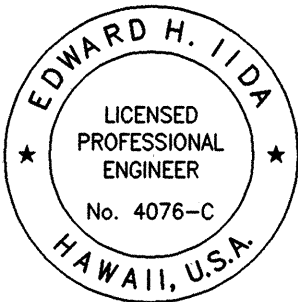
MAMALAHOA HIGHWAY UTILITY SCHEDULE

STATION	OFFSET FROM $\varnothing$		TYPE	REMARKS
	Right	Left		
0+18	9'		WV	TRAVEL LANE
0+31	6'		WV	TRAVEL LANE
0+66	15'		WV (3)	TRAVEL LANE
1+83		32'	WM (2)	SHOULDER
2+20 TO 2+48		19'	TD	NEW 12" TRENCH DRAIN
2+48 TO 2+81		19'	DL (33LF)	NEW 18" DRAIN LINE
2+48		19'	DI	NEW GRATED DRAIN INLET
2+65		31'	WM (3)	SHOULDER
2+65	22'		DI	NEW GRATED DRAIN INLET
2+81 TO 3+27		19' TO 23'	DL (46LF)	NEW 18" DRAIN LINE
2+81		19'	DI	NEW GRATED DRAIN INLET
3+14	16'		DI	NEW GRATED DRAIN INLET
3+21	3'		WMH	AIR RELIEF VALVE
3+26	16'		DI	NEW GRATED DRAIN INLET
3+27		23'	DI	TYPE 1 GRATED DRAIN INLET
3+46	23'		WM	SHOULDER
3+78		24'	WM (2)	SHOULDER
4+05	23'		WM	SHOULDER
4+10 TO 4+90		19'	DL (80LF)	NEW 18" DRAIN LINE
4+10		19'	DI	NEW GRATED DRAIN INLET
4+10		19' TO 28'	DL (9LF)	NEW 18" DRAIN LINE
4+10		28'	HW	NEW HEADWALL
4+63	13'		WV	PARKING LANE
4+63		3'	WV	TRAVEL LANE
4+79	8'		WV (2)	TRAVEL LANE
4+90		19'	DI	NEW GRATED DRAIN INLET
5+30	19'		WM	SHOULDER
5+47	19'		WM	SHOULDER
5+60	19'		WM	SHOULDER
5+62		23'	WM	SIDEWALK
6+05		23'	WM (2)	SIDEWALK
6+51	22'		WM	SHOULDER
7+64		23'	WM	SHOULDER

MAMALAHOA HIGHWAY UTILITY SCHEDULE (CONTINUED)

STATION	OFFSET FROM $\varnothing$		TYPE	REMARKS
	Right	Left		
8+21	9'		WV	TRAVEL LANE
8+28		24'	WM	SHOULDER
8+87	13'		WV (2)	TRAVEL LANE
Legend WMH = Water Manhole1 Total (Item No. 604.2000) WV = Water Valve12 Total (Item No. 604.4000) WM = Water Meter Box17 Total (Item No. 604.4500) DI = Grated Drain Inlet1 Total (Item No. 604.0370) DI = Grated Drain Inlet5 Total (Item No. 604.0371) DI = Grated Drain Inlet1 Total (Item No. 604.0372) DI = Grated Drain Inlet1 Total (Item No. 604.0375) TD = Trench Drain28 LF Total (Item No. 603.8500) DL = Drain Line168 LF Total (Item No. 603.6500) HW = Head Wall1 Total (Item No. 503.1000)				
HONOMU ROAD UTILITY SCHEDULE				
STATION	OFFSET FROM $\varnothing$		TYPE	REMARKS
	Right	Left		
1+70	16'		WB	SHOULDER
1+94		15'	UB	SHOULDER
2+21	11'		WV (2)	TRAVEL LANE
2+22		15'	WMH	SHOULDER
5+57	18'		WM	SHOULDER
8+35	16'		WM	SHOULDER
13+75	19'		WV(2)	SHOULDER
Legend : WV = Water Valve4 Total (Item No. 604.4000) WB = Water Box1 Total (Item No. 604.4100) WM = Water Meter Box2 Total (Item No. 604.4500) WMH = Water Manhole1 Total (Item No. 604.2000) UB = Utility Box1 Total (Item No. 604.5000)				

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	NOTED BY	
	CHECKED BY	
NOTE BOOK	DESIGNED BY	
	CHECKED BY	
No.		



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Edward H. Iida
MITSUNAGA & ASSOCIATES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY SCHEDULE

AKAKA FALLS ROAD RESURFACING
Hawaii Belt Road to Honomu Town
Project No. 220A-01-03M

Scale: As Noted Date: April 2003

SHEET No. 1 OF 1 SHEETS