

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3400B-01-97M	1997	20	22

TRAFFIC SIGN SUMMARY					
SIGN NO.	MESSAGE	QUANTITY			
		10 SQ. FT. OR LESS		GREATER THAN 10 SQ. FT.	
		W/POST	W/O POST	W/POSTS	W/O POSTS
R1-1	STOP	20			
R1-2	YIELD	8			
R2-1	SPEED LIMIT 30	5			
R3-26		3			
R3-40(R)		1			
R4-1	DO NOT PASS	2			
R4-2	PASS WITH CARE	1			
R7-1	NO PARKING ANYTIME	1			
R7-107(R)	NO PARKING BUS STOP	2			
R14-3	NO PASSING ZONE	1			
R15-1	UNLAWFUL TO LITTER	1			
R16-1D	BUCKLE UP ITS THE LAW	3			
W1-1(R)		2			
W1-2(R)		1			
W1-2(L)		1			
W1-7		1			
W2-1		6			
W2-2		3			
W3-1A		1			
W11-2	PEDESTRIAN X-ING AHEAD	5			
W11A-2	PEDESTRIAN X-ING	6			
TOTAL		74	0	0	0

ROUTE MARKER SUMMARY					
SIGN ASSEMBLY	SIGN NO. AND MESSAGE	TYPE A ASSEMBLY		TYPE B ASSEMBLY	
		W/POST	W/O POST	W/POST	W/O POST
SRM-1	M2-1 M1-6(340)	2			
SRM-2	M1-6(330) M6-1	1			
SRM-3	M1-6(340)	1			
SRM-4	M1-6(330)	1			
SRM-5	M1-6(340) M1-6(330) M6-1 M6-3			1	
SRM-6	M1-6(330) M1-6(340) M6-3 M6-1			1	
TOTAL		5	0	2	0

MILEPOST MARKER SUMMARY				
LOCATION	SIGN NO. AND MESSAGE	TYPE A ASSEMBLY		
		W/O POST	W/POST	
# Sta. 9+60± Lt.	D10-4 MILE 2 D10-7 330	1		
# Sta. 37+00± Lt.	D10-4 MILE 2 D10-7 340	1		
TOTAL		2		

REFLECTOR MARKER SUMMARY		
TYPE	QUANTITY	
	W/ POST	W/O POST
RM-2		70
RM-3	18	
RM-4	4	
TOTAL	22	70

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MISCELLANEOUS SUMMARIES
WAIIEHU BEACH ROAD RESURFACING
Kahekili Highway to Kahului Beach Road
Project No. 3400B-01-97M

Date: April 1997

SHEET No. 1 OF 3 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	4-3-97
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3400B-01-97M	1997	21	22

RAISED PAVEMENT MARKERS AND STRIPING SUMMARY															
LOCATION (KAHEKILI HWY. & STA.)	PAVEMENT STRIPING						DISTANCE	PAVEMENT MARKERS				12" WHITE STOP BAR	ARROW	CROSS WALK	COMMENTS
	4" YELLOW		4" WHITE	8" WHITE	12" YELLOW	12" WHITE		TYPE "C"	TYPE "D"	TYPE "H"	TYPE "J"				
	DOUBLE	SINGLE													
	L.F.							E.A.				L.F.	E.A.	LANE	
-4+00 - 12+50	1500		3300	200		100	1650	100	90			60		3	No Passing Zone
4+00 - 20+00	1700		3200	200	50	70	1600	80	80	8		60	2		No Passing Zone
4+50 - 0+00	450		900				450	25	25				4		L. Waiehu Bch. Rd.
20+00 - 35+00	1100	400	3000	200	100	70	1500	75	40	65	84	12	2		Passing One Side
35+00 - 44+27 (Equa. Sta.)	1200		1850	150	70	60	927	48	32	27		48	2		No Passing Zone
2+27 - 21+00 (Equa. Sta.)	1850		2200	1750	160	170	1873	100	79	18		84	6	4	Eha St. Intersection
21+00 - 30+70	1100		1900		50		970	50	40	18		48			No Passing Zone
TOTAL	8800	400	16350	2500	430	470		478	386	136	84	312	16	7	

RECONSTRUCTION OF WEAKENED AREAS						
LOCATION (KAHEKILI HWY. & STA.)	OFFSET	LENGTH (FT.)	WIDTH (FT.)	THICKNESS (IN.)	EXCAVATION (CY.)	ACB (TONS)
36+00 - 38+50	4' Rt.	250	10	5	38.6	79.17
-3+00 - 1+00	-	400	20	5	98.8	202.67
					Total	1374
					SAY	1380
						281.84
						290

ORIGINAL PLAN	DESIGNED BY	DATE
NOTED FOR	DESIGNED BY	DATE
QUANTITIES BY	DESIGNED BY	DATE
CHECKED BY	DESIGNED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

WAIEHU BEACH ROAD RESURFACING
Kahekili Highway to Kahului Beach Road
Project No. 3400B-01-97M

Date: April 1997

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3400B-01-97M	1997	22	22

SURVEY MONUMENTS/WATER/SEWER MANHOLES SUMMARY

LOCATION		Sewer Manhole Frame & Cover	Water Manhole Frame & Cover	Water Valve Box Frame & Cover	Centerline Monument	Std. City & County Street Survey Monument
KAHEKILI HWY. #	0/S±	604.4040	604.4340	604.4550	613.0100	614.0100
Sta. -2+10	14' Lt.			4		
Sta. -2+10	8' Rt.			1		
Sta. -1+00	12' Rt.			1		
Sta. -0+80	12' Rt.		1			
Sta. 8+90	3' Lt.			2		
Sta. 9+08	0'				1	
Sta. 12+00	0'				1	
WAIEHU BEACH RD. #						
Sta. 6+90	0'				1	
Sta. 8+81	0'				1	
Sta. 11+03	14' Rt.		1			
Sta. 11+47	0'				1	
Sta. 13+40	0'				1	
Sta. 19+90	2' Lt.			2		
Sta. 19+90	3' Rt.			5		
Sta. 19+90	3' Lt.		1			
Sta. 35+15	0'					1
Sta. 35+15	12' Rt.			3		
Sta. 35+15	12' Rt.	2				
Sta. 35+73	0'				1	
Sta. 37+00	8' Rt.		1			
Sta. 39+20	10' Rt.			2		
Sta. 39+90	13' Rt.			3		
Eq. Sta. 44+27 - 3+00	0'				1	
Sta. 3+10	15' Lt.	1				
Sta. 3+50	15' Lt.	1				
Sta. 6+50	15' Lt.	1				
Sta. 6+50	13' Rt.			3		
Sta. 6+50	17' Rt.					1
Sta. 6+60	0'				1	
Sta. 17+80	5' Rt.				1	
Sta. 18+90	0'				1	
Sta. 19+50	14' Rt.		1			
Sta. 19+50	16' Rt.					1
Sta. 19+50	15' Rt.			1		
Sta. 20+00	13' Rt.		1			
Sta. 20+00	2' Rt.			1		
Sta. 20+00	15' Lt.		1			
Sta. 20+90	1' Rt.	1				
Subtotal 1		6	7	28	11	3

continued...

SURVEY MONUMENTS/WATER/SEWER MANHOLES SUMMARY

LOCATION		Sewer Manhole Frame & Cover	Water Manhole Frame & Cover	Water Valve Box Frame & Cover	Centerline Monument	Std. City & County Street Survey Monument
WAIEHU BEACH RD. #	0/S±	604.4040	604.4340	604.4550	613.0100	614.0100
Eq. Sta. 21+00 - 19+00	0'	1				
Sta. 19+80	12' Lt.			1		
Sta. 21+00	2' Rt.	1				
Sta. 22+90	14' Lt.			2		
Sta. 23+90	15' Lt.		1			
Sta. 25+40	12' Lt.		1			
Sta. 25+40	14' Lt.			2		
Sta. 26+00	15' Lt.			1		
Sta. 27+80	10' Lt.			1		
Sta. 27+80	10' Rt.			1		
Sta. 29+50	15' Lt.			1		
Sta. 30+30	12' Lt.			1		
Sta. 30+70	12' Rt.			1		
Sta. 32+90	13' Lt.			1		
Sta. 34+20	12' Lt.			1		
Sta. 35+90	12' Lt.			2		
Sta. 35+90	13' Lt.		2	2		
Sta. 35+90	12' Rt.			2		
Subtotal 2		2	4	19		
Subtotal 1		6	7	28	11	3
Total		8	11	47	11	3

ORIGINAL PLAN	DATE	4-23-97
DESIGNED BY	TRACED BY	
NOTED BY	DESIGNED BY	
QUANTITIES BY	QUANTITIES BY	
REVISIONS	REVISIONS	

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SHEET No. 3 OF 3 SHEETS