

ORIGINAL PLAN
SURVEY PLOTTED BY
DRAWN BY
DESIGNED BY
CHECKED BY
DATE
May 1999

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	17			
R1-2	YIELD	1			
R2-1(35)	SPEED LIMIT 35	2			
R2-1(55)	SPEED LIMIT 55	4			
R3-8		2			
R2-5b(35)	REDUCED SPEED 35	2			
R2-5b(45)	REDUCED SPEED 45	1			
R4-1	DO NOT PASS	7			
R4-2	PASS WITH CARE	5			
R15-1	UNLAWFUL TO LITTER \$500 FINE	2			
R16-1d	BUCKLE UP ITS THE LAW	3			
	PARKING 	3			
	 PREVENT FOREST FIRES	1			
W2-1	 CROSS ROAD SIGN / WAIKO RD.	2	1		
W3-3	 SIGNAL AHEAD	1	1		
W4-2(R)		1			
W9-2(L)	 LANE ENDS MERGES LEFT	1			
D9-2		1			
TOTAL		57	2		

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	 M3-2  M1-6(380)  M6-3	2			
SRM-2	 M3-4  M1-6(380)  M6-3	2			
SRM-3	 M1-6(30)  M6-4	1			
SRM-4	 M1-6(36)  M6-3	1			
SRM-5	 M2-1  M1-6(30)	1			
SRM-6	 M2-1  M1-6(350)	1			
SRM-7	M3-2  M3-1, M3-3 M1-6(380)  M1-6(350) M6-3  M6-4			1	
TOTAL		8		1	

REFLECTOR MARKER SUMMARY		
TYPE	QUANTITY	
	W/STEEL POST	W/FLEXIBLE POST
RM-1		20
RM-3	30	50
Total	30	70

ROUTE MARKER SUMMARY			
LOCATION	SIGN NO. AND MESSAGE	W/POST	W/O POST
 Sta. 133+20 Lt.	D10-1 MILE 2 D10-7 380	1	
 Sta. 180+40 Lt.	D10-1 MILE 3 D10-7 380	1	
 Sta. 127+60 Lt.	D10-1 MILE 4 D10-7 380	1	
 Sta. 74+80 Lt.	D10-1 MILE 5 D10-7 380	1	
 Sta. 22+00 Lt.	D10-1 MILE 6 D10-7 380		1
TOTAL		4	1

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	W/POSTS	W/O POST
CW20-1A(d)	Honoapiilani Hwy. Sta. 54+30± Rt., 64+30 Lt.	ROAD WORK AHEAD	2	
CG20-2	Honoapiilani Hwy. Sta. 54+30± Lt., 64+30 Rt.	END ROAD WORK	2	
CW20-1A(d)	Kuihelani Hwy. Sta. 281+80 Lt.	ROAD WORK AHEAD	1	
CG20-2	Kuihelani Hwy. Sta. 281+80 Rt.	END ROAD WORK	1	
CW20-1A(d)	Puunene Ave. Sta. 91+20 Rt., Sta. 96+20 Lt.	ROAD WORK AHEAD	2	
CG20-2	Puunene Ave. Sta. 91+20 Lt., Sta. 96+20 Rt.	END ROAD WORK	2	
TOTAL			10	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	380A-01-99M	1999	21	22

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

KUIHELANI HIGHWAY RESURFACING
Honoapiilani Highway to Puunene Avenue
Project No. 380A-01-99M

Date: May, 1999

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	380A-01-99M	1999	ADD.22	22

RAISED PAVEMENT MARKERS AND STRIPING SUMMARY															
STATION TO STATION	PAVEMENT STRIPING					DISTANCE (L.F.)	PAVEMENT MARKERS (EA.)					STOP BAR	ARROW	CROSS WALK	COMMENTS
	4" YELLOW (L.F.)		4" WHITE	8" WHITE	12" YELLOW		TYPE "A"	TYPE "C"	TYPE "D"	TYPE "H"	TYPE "J"				
	DOUBLE	SINGLE	L.F.	L.F.	L.F.							WHITE 12" (L.F.)	EA.	LANE	
1+00 - 3+50	250		650	100		250		20	13			12	6		Left Turn Deceleration Lane
3+50 - 16+20	1270		2000			1270		51	65						No Passing Both Sides
16+20 - 22+00		580		1700		580		45	16	16	64	12			One Way Passing
22+00 - 102+50			10100	6000		8050		405	202		806	48			Passing Both Sides
102+50 - 116+25		1375		2750		1375		70	35	35	139				One Way Passing
116+25 - 127+00			1900	250		1075		55	28		112				Passing Both Sides
127+00 - 137+00		1000	2000			1000		51	26	26	104	12			One Way Passing
137+00 - 140+75	375		750			375		20	20			12			No Passing Both Sides
140+75 - 155+25	600	920	3600	210	150*	1450	97	130	55	24	97	40	4		Transverse Median Left Turn Lane
155+25 -191+35			4220	3000		3610		182	91	91	365				Passing Both Sides
191+35 - 206+90	3035	1955		200	700	1555	32	110	5	155		20	3		Transverse Median Left Turn Lane
206+90 - 266+20			11860			5930		298	149	149	596	24			Passing Both Sides
266+20 - 271+00	480		960			480		25	25						No Passing Both Sides
271+00 - 276+82	1165	2500		220	100	582	72	65	5	50		45	10		Int. Transverse Median Rt. & Lt. Turn
TOTAL	7175	8330	38040	14430	950	27582	201	1527	735	546	2283	225	23		
ESTIMATED QTY.	7200	9000	38100	14500	1000		210	1530	750	560	2300	250	25		

* 12" White for Channelizing Island

RECONSTRUCTION OF WEAKENED AREAS						
STATION TO STATION (APPROX.)	OFFSET	LENGTH (FT.)	WIDTH (FT.)	THICKNESS (INCHES)	EXCAVATION (CY.)	GLASSPHALT (TONS)
68+00 - 69+00	LT.	100	4	5½	6.79	13.93
71+50 - 72+30	LT.	80	6	5½	8.15	16.72
89+80 - 91+00	LT.	20	12	4½	3.34	6.85
95+50 - 96+00	LT.	50	12	4½	8.34	17.11
132+00 - 134+00	RT.	200	6	4½	16.67	34.21
134+55 - 134+75	LT.	20	6	4½	1.67	3.43
135+55 - 135+65	LT.	10	12	4½	1.67	3.43
144+50 - 144+90	RT.	40	6	4½	3.34	6.85
188+00 - 192+00	RT.	400	10	4½	55.56	114.00
203+50 - 205+00	LT.	150	6	4½	12.50	25.65
205+00 - 206+00	LT.	100	12	4½	16.67	34.21
205+00 - 206+85	RT.	150	10	4½	20.84	42.76
218+15 - 219+50	RT.	135	6	4½	11.25	23.09
220+70 - 222+20	LT.	150	12	4½	25.00	51.30
226+50 - 226+60	LT.	10	12	4½	1.67	3.43
229+00 - 229+20	LT.	20	12	4½	3.34	6.85
TOTAL					196.80	403.82
ESTIMATED QTY.					200.00	425.00

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (YELLOW)	9000 L.F.
8-INCH PAVEMENT STRIPE (WHITE)	250 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW)	2400 L.F.
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE)	38,100 L.F.
8-INCH PAVEMENT STRIPE (WHITE)	14,250 L.F.
12-INCH PAVEMENT STRIPE (WHITE)	150 L.F.
12-INCH PAVEMENT STRIPE (YELLOW)	850 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW)	4800 L.F.
TAPE - TYPE III OR THERMOPLASTIC EXTRUSION	
12-INCH PAVEMENT STRIPE (WHITE)	250 L.F.
PAVEMENT ARROW	25 L.F.

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Honoapiilani Highway to Puunene Avenue
Project No. 380A-01-99M

Date: May, 1999

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SURVEY PLOTTED BY: [blank]

DESIGNED BY: [blank]

NOTED BY: [blank]

CHECKED BY: [blank]

ORIGINAL PLAN

NOTES: [blank]