

DATE _____
SERVED BY _____
DESIGNED BY _____
CHECKED BY _____
ORIGINAL _____
NOTE BOOK _____
QUANTITIES BY _____
N. _____

MILEPOST MARKER SUMMARY				
LOCATION	SIGN NO. AND MESSAGE (BI-DIRECTIONAL)	QUANTITY		
		W/POST	W/O POST	
Ⓢ STA. 0+00 Rt. (NRH 13-A)	D10-1 0 D10-7 460	1		
Ⓢ STA. 110+40 ± Rt., F-19(4)	D10-1 1 D10-7 460	1		
Ⓢ STA. 54+60 ± Rt., F-19(4)	D10-1 2 D10-7 460	1		
Ⓢ STA. 5+00 ± Rt., F-19(4)	D10-1 3 D10-7 460	1		
Ⓢ STA. 107+00 ± Rt., F-19(4)	D10-1 4 D10-7 460	1		
Ⓢ STA. 150+30 ± Rt., F-046(1)	D10-1 5 D10-7 460	1		
TOTAL		6		

DESTINATION SIGN SUMMARY						
SIGN NO.	LOCATION	MESSAGE	SIZE	OVERLAY AREA (SQ. FT.)	NEW PANEL AREA (SQ. FT.)	
					W/O POSTS	W/POSTS
DI-3		⇧ EAST MOLOKAI ⇩ KAUNAKAKAI WHARF ⇨	8' x 4.5'			36
DI-2a		⇧ KAUNAKAKAI 4 ⇩ KUALAPUU 2	8' x 3'			24
DI-3a		⇧ AIRPORT 4 MAUNALOA 12 KUALAPUU 2 ⇨	8' x 4'			32
TOTAL						92

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
R20-1a	BEGIN STATE HIGHWAY	1			
R20-2a	END STATE HIGHWAY	1			
R1-1	STOP	24			
R1-2	YIELD	2			
R2-1	"SPEED LIMIT"	10			
R2-5a	REDUCED SPEED AHEAD	1			
R2-5b	"REDUCED SPEED LIMIT"	1			
R3-4	"NO U-TURN"	2			
R4-1	DO NOT PASS	9			
R4-2	PASS WITH CARE	6			
R16-1a	BUCKLE UP IT' THE LAW	1			
D9-2	HOSPITAL	1			
S1-1	SYMBOL - PEDESTRIAN	4			
S2-1	SYMBOL - PEDESTRIAN IN CROSSWALK	4			
S4-2	"WHEN CHILDREN ARE PRESENT"		2		
S4-3	"SCHOOL" SUPPLEMENTAL PLATE		2		
W2-3	SIDE ROAD (OBLIQUE)	1			
W2-2	SIDE ROAD	1			
W11-2	SYMBOL - PEDESTRIAN	2			
W14-2a	SYMBOL - PEDESTRIAN CROSSING	3			
	SPEED ZONE AHEAD	1			
	SYMBOL - DOUBLE SIDE ROAD	2			
	END SHOOL ZONE	2			
	FORD - DANGEROUS WHEN TOUCHES RED	2			
TOTAL		81	4		

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
	Ⓢ M3-3 460 MI-6 (460) ⇧ M6-3	1			
	Ⓢ M2-1 460 MI-6 (460)	1			
	Ⓢ M3-2 460 MI-6 (460) ⇧ M6-3	1			
	Ⓢ M3-4 460 MI-6 (460) ⇧ M6-3	1			
	Ⓢ M3-2 460 MI-6 (460)	1			
	Ⓢ M2-1 470 MI-6 (460)	1			
	MI-6(450) 450 MI-6(460) M6-3 ⇧ M6-2			1	
	MI-6(460) 460 MI-6(450) M6-1 ⇧ M6-1			1	
	MI-6(460) 460 470 MI-6(470) M6-3 ⇧ M6-1			1	
TOTAL		6		3	

REFLECTOR MARKER SUMMARY								
TYPE	QUANTITY							
	W/O POST		W/FLEXIBLE POST		W/STEEL POST		MOUNT ON CONCRETE RETAINING WALL	
	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
RM-3					47			
RM-4					20			

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	39	39

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE C _____	1,584 EA.
TYPE D _____	972 EA.
TYPE H _____	118 EA.
TYPE J _____	2,164 EA.
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (YELLOW) _____	6,700 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	8,000 L.F.
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	49,300 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	11,100 L.F.
TAPE - TYPE III OR THERMOPLASTIC EXTRUSION	
12-INCH PAVEMENT STRIPE (WHITE) _____	750 L.F.
CROSSWALK MARKINGS _____	9 LANES
PAVEMENT ARROW _____	10 EA.
PAVEMENT WORD _____	2 EA.

CONSTRUCTION SIGN SUMMARY			
SIGN NO.	MESSAGE	W/POSTS	W/O POST
CG20-2	END CONSTRUCTION	3	
CW20-1d	ROAD CONSTRUCTION AHEAD	3	
TOTAL		6	

KEK T. TANAKA
LICENSED PROFESSIONAL ENGINEER
No. 8846-C
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
R. T. Tanaka
R. T. TANAKA ENGINEERS, INC.
CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SUMMARIES
MAUNALOA HIGHWAY RESURFACING
KAUNAKAKAI WHARF
TO HOOLEHUA
FEDERAL AID PROJECT NO. STP-0460 (11)
Scale: 1" = 40' Date: MAY, 1996
SHEET No. 1 OF 1 SHEETS