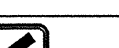


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36AB-01-04M	2004	ADD.53	54

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	23			
R1-2	YIELD	2			
R2-1(20)	SPEED LIMIT (20 MPH)			2	
R2-1(30)	SPEED LIMIT (30 MPH)	4			
R2-1(35)	SPEED LIMIT (35 MPH)	3			
R2-1(45)	SPEED LIMIT (45 MPH)	5			
R2-1(55)	SPEED LIMIT (55 MPH)	1			
R2-5b(20)	REDUCED SPEED (20 MPH)			2	
R2-5b(35)	REDUCED SPEED (35 MPH)	1			
R2-5b(45)	REDUCED SPEED (45 MPH)	1			
R3-2	 NO LEFT TURN	4	4		
R3-9b		1			
R4-1	DO NOT PASS	9			
R4-2	PASS WITH CARE	4			
R5-1	DO NOT ENTER	1			
R6-1(R)	ONE WAY	2			
R7-1	NO PARKING ANYTIME	19			
R8-3a		2			
R15-1	UNLAWFUL TO LITTER \$500 FINE	1			
R16.1d	BUCKLE UP ITS THE LAW	1			
W1-2(L)		2	1		
W1-3(R)		1			
W1-5(L & R)		2			
W1-7		2			
W1-8	 CHEVRON ALIGNMENT SIGN	44			
W2-1		6	2		
W2-2	 	14	6		
W5-1	ROAD NARROWS	1			
W11-2	 AHEAD  	4	4		
	CAUTION DRIVE SLOW	2			
TOTAL		162	17	4	

CONSTRUCTION SIGN SUMMARY			
SIGN NO.	MESSAGE	W/POSTS	W/O POST
CW20-1d	ROAD WORK AHEAD	2	
CG20-2	END ROAD WORK	2	
TOTAL		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
SRM-1	 M3-2  MI-6(36)  M6-3	4			
SRM-2	 M3-4  MI-6(36)  M6-3	4			
TOTAL		8			

OBJECT MARKER SUMMARY		
TYPE	QUANTITY	
	W/POST	W/O POST*
TYPE II OBJECT MARKER		200
TOTAL		200

*CONTRACTOR SHALL INSTALL OBJECT MARKERS ON ALL TREES AND UTILITY POLES THAT ARE WITHIN THE STATE HIGHWAY RIGHT-OF-WAY.

REFLECTOR MARKER SUMMARY				
TYPE	QUANTITY			
	W/POST		W/O POST	
	YELLOW	WHITE	YELLOW	WHITE
RM-3	100			
RM-4	4			
RM-5				258
TOTAL	104			258

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
MISCELLANEOUS SUMMARIES
<u>HANA HIGHWAY RESURFACING</u> <u>Haleakala Highway to Hookipa Park</u> <u>Project No. 36AB-01-04M</u>
Date: December, 2003
SHEET No. 1 OF 2 SHEETS

5-17-04	Added quantities of the traffic signs.
DATE	REVISION

SURVEY PLOTTED BY	DATE
DRAWN BY	12/03
TRACED BY	
NOTES BOOK	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36AB-01-04M	2004	ADD.54	54

RECONSTRUCTION OF WEAKENED AREAS						
STATION TO STATION (APPROX.)	OFFSET	LENGTH (FT.)	WIDTH (FT.)	THICKNESS (INCHES)	EXCAVATION (CY.)	ACB (TONS)
176+50 - 179+50	Rt.	300	12	5½	61.11	125.40
187+50 - 188+00	Rt.	50	12	5½	10.19	20.91
227+00 - 227+95	Rt.	95	6	5½	9.68	19.86
6+50 - 8+50	Rt.	200	6	5½	20.37	41.80
13+00 - 14+75	Rt.	175	6	5½	17.82	36.57
15+00 - 17+00	Rt.	200	10	5½	33.95	69.67
17+00 - 17+50	Lt.	50	10	5½	8.49	17.42
18+00 - 20+35	Rt.	235	6	5½	23.94	49.12
32+00 - 34+00	Rt.	200	6	5½	20.37	41.80
35+70 - 36+00	Lt.	30	10	5½	5.09	10.44
44+00 - 45+30	Rt.	130	6	5½	13.24	27.17
46+50 - 48+00	Rt.	150	6	5½	15.28	31.35
51+30 - 51+75	Lt.	45	10	5½	7.64	15.68
52+50 - 55+40	Rt.	260	6	5½	26.48	54.34
432+00 - 432+80	Rt.	80	6	5½	8.15	16.72
434+50 - 434+60	Rt.	10	6	5½	1.02	2.09
438+50 - 438+60	Lt.	10	10	5½	1.70	3.49
112+00 - 113+75	Rt.	175	6	5½	17.82	36.57
114+00 - 116+65	Lt.	250	10	5½	42.44	87.09
115+00 - 116+65	Rt.	165	10	5½	28.01	57.48
TOTAL					372.79	764.97
ESTIMATED QTY.					380.00	770.00

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	12/03
me/lay	DESIGNED BY	
me/lay	QUANTITIES BY	
me/lay	CHECKED BY	

5-27-04	Revised stationing 43+00 - 45+30 43+50 - 48+00
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Haleakala Highway to Hookipa Park
Project No. 36AB-01-04M

Date: December, 2003

SHEET No. 2 OF 2 SHEETS