

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-01-06M	2006	29	30

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
HALEAKALA HWY. & PIILANI HWY.					
R1-1	STOP	2			
R1-2	YIELD	1			
R2-1(55)	SPEED LIMIT (55 MPH)	1			
R2-1(45)	SPEED LIMIT (45 MPH)	1			
R2-1(35)	SPEED LIMIT (35 MPH)	1			
R2-1(20)	SPEED LIMIT (20 MPH)	1			
R2-5b(20)	REDUCED SPEED 20 MPH	1			
R4-1	DO NOT PASS	4			
R4-2	PASS WITH CARE	1			
R4-7	 KEEP RIGHT	1	1		
R15-1	UNLAWFUL TO LITTER \$500 FINE	1			
R20-1a	BEGIN STATE HIGHWAY	1			
R20-2a	END STATE HIGHWAY	1			
	SLOWER TRAFFIC KEEP RIGHT	1			
	TRUCKS USE RIGHT LANE	1			
W1-1R	 15 MPH WAILEA IKI DR.	1	2		
W1-8	 CHEVRON ALIGNMENT SIGN	7			
W2-1	  		2	2	
W3-3	 SIGNAL AHEAD	1	1		
W11-1	 SHARE THE ROAD	1	1		
W15-2	FALLING ROCKS	4			
CW16-1(1/2)	END HIGHWAY 1/2 MILE			1	
CW16-1(1)	END HIGHWAY 1 MILE			1	
D11-1	BIKE ROUTE BEGIN, END		2		
		2			
KULA HWY.					
R1-1	STOP	2			
R1-2	YIELD	1			
R2-1(35)	SPEED LIMIT (35 MPH)	1			
R3-5(L)		1			
R8-7	EMERGENCY STOPPING ONLY	2			
SI-1	 AHEAD 	2	1		
TOTAL		44	10	4	

CONSTRUCTION SIGN SUMMARY

SIGN NO.	MESSAGE	W/POSTS	W/O POST
CW20-1A(d)	ROAD WORK AHEAD	11	
CG20-2A	END ROAD WORK	11	
TOTAL		22	

ROUTE MARKER SUMMARY

SIGN ASSEMBLY	LOCATION	SIGN NO. AND MESSAGE	TYPE A ASSEMBLY		TYPE B ASSEMBLY	
			W/POST	W/O POST	W/POST	W/O POST
SRM-1	PIILANI HWY.	 M3-1  MI-6(31)	1			
SRM-2	PIILANI HWY.	 M3-3  MI-6(31)	1			
SRM-3	KULA HWY.	 MI-6(37)	1			
SRM-4	KULA HWY.	MI-6(37)  MI-6(377) M6-3  M6-2(R) 			1	
TOTAL			3		1	

OBJECT MARKER SUMMARY

TYPE	QUANTITY	
	W/POST	W/O POST*
TYPE II OBJECT MARKER		30
TOTAL		30

*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	20		20	
RM-5				240
TOTAL	20		20	240

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MISCELLANEOUS SUMMARIES
HALEAKALA HIGHWAY RESURFACING
Hana Highway to North Firebreak Road and Vicinity of Old Haleakala Highway (MP. 5.5 to MP. 5.70)
PIILANI HIGHWAY RESURFACING
Kilohana Drive to Wailea Ike Drive
KULA HIGHWAY RESURFACING
Old Haleakala Highway to Vicinity of Haakakai Bridge
Project No. HWY-M-01-06M
Date: October, 2005

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RECONSTRUCTION OF WEAKENED AREAS						
STATION TO STATION (APPROX.)	OFFSET	LENGTH (FT.)	WIDTH (FT.)	THICKNESS (INCHES)	EXCAVATION (CY.)	ACB (TONS)
PIILANI HWY. (M.P. 5.93 TO M.P. 7.16)						
94+00± - 94+25±	LT.	25	12	5	4.63	9.50
98+00± - 98+25±	RT.	25	12	5	4.63	9.50
100+30± - 101+00±	RT.	70	12	5	12.96	26.59
102+00± - 102+45±	LT.	45	12	5	8.33	17.09
102+00± - 102+55±	RT.	55	6	5	5.09	10.44
110+00± - 110+30±	RT.	30	12	5	5.56	11.41
112+75± - 113+00±	RT.	25	12	5	4.63	9.50
116+00± - 116+65±	RT.	65	12	5	12.04	24.71
125+80± - 126+00±	LT.	20	4	5	1.23	2.52
127+00± - 127+25±	LT.	25	4	5	1.54	3.16
140+00± - 141+40±	LT.	140	12	5	25.93	53.27
142+00± - 142+55±	LT.	55	6	5	5.09	10.44
145+00± - 145+35±	LT.	35	6	5	3.24	6.65
146+85± - 147+00±	LT.	15	6	5	1.39	2.85
150+50± - 151+05±	LT.	55	6	5	5.09	10.44
HALEAKALA HWY. (M.P. 5.5 TO M.P. 5.70)						
40+70± - 52+70±	LT.	1200	8	7	207.41	
		1200	8	4		243.20
TOTAL					308.79	451.27
SAY					350.00	500.00

* 7" recommended for Reconstruction Area
3" for A.C. overlay
4" for glassphalt

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
	DRAWN BY _____
	TRACED BY _____
NOTE BOOK	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____
No. _____	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

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PIILANI HIGHWAY RESURFACING
Kihohane Drive to Wailea Ike Drive

KULA HIGHWAY RESURFACING
Old Haleakala Highway to Vicinity of Haakakal Bridge
Project No. HWY-M-01-06M

Date: October, 2005