

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-01-99M	1999	ADD.43	44

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
RI-1	STOP	6	1		
RI-2	YIELD	1			
R2-4a(45/35)	SPEED LIMIT 45 MINIMUM 35	3			
R2-4a(55/45)	SPEED LIMIT 55 MINIMUM 45	7			
R2-5b(45)	REDUCED SPEED 45 MPH	2			
R4-1	DO NOT PASS	7			
R4-4	BEGIN RIGHT TURN LANE, YIELD TO BIKES	1			
R4-2	PASS WITH CARE	2			
R8-7	EMERGENCY STOPPING ONLY	14			
WI-4(R)	⬅ REVERSE CURVE SIGN	2	1		
W2-2	⬇ SIDE ROAD SIGN	2			
W2-2	⬆ SIDE ROAD SIGN	2			
WI-5	⚡ WINDING ROAD SIGN	5	2		
WI5-2	FALLING ROCK	5			
WII-1	BIKE ROUTE, TUNNEL	2	2		
W8-5	SLIPPERY WHEN WET	2			
WI4-3	NO PASSING ZONE	3			
	DRY AREA PREVENT FIRES	2			
	TUNNEL	2			
TOTAL		72	6		

HTCO MANHOLE/PULLBOX FRAME AND COVER SUMMARY		
LOCATION	MANHOLE FRAME AND COVER	PULLBOX FRAME AND COVER
Sta. 348+20± Lt.	1	
Sta. 342+25± Lt.	1	
Sta. 336+70± Lt.		1
Sta. 330+00± Lt.	1	
Sta. 323+30± Lt.		1
Sta. 319+00± Lt.		1
Sta. 313+20± Lt.		1
Sta. 307+15± Lt.		1
Sta. 301+75± Lt.		1
Sta. 296+45± Lt.		1
Sta. 289+30± Lt.	1	
Sta. 283+80± Lt.		1
Sta. 278+10± Lt.		1
Sta. 271+80± Lt.		1
Sta. 264+00± Lt.		1
Sta. 259+35± Lt.	(Tunnel Exception Area)	
Sta. 253+07± Lt.		1
Sta. 249+60± Lt.	1	
Sta. 243+90± Lt.		1
Sta. 237+60± Lt.		1
Sta. 231+40± Lt.		1
Sta. 225+30± Lt.		1
Sta. 219+00± Lt.		1
Sta. 212+25± Lt.		1
Total	5	18

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	W/POSTS	W/O POST
CW20-1A(d)	Ⓢ Sta. 75+80± Rt.	ROAD WORK AHEAD	1	
CG20-2A	Ⓢ Sta. 75+80± Lt.	END ROAD WORK	1	
CW20-1A(d)	Ⓢ Sta. 27+00± Lt.	ROAD WORK AHEAD	1	
CG20-2A	Ⓢ Sta. 27+00± Rt.	END ROAD WORK	1	
TOTAL			4	

REFLECTOR MARKER SUMMARY			
TYPE	QUANTITY		
	W/STEEL POST		W/O POST
	YELLOW	WHITE	
RM-4	4		

DESTINATION SIGN SUMMARY					
SIGN NO.	LOCATION	MESSAGE	SIZE	NEW PANEL AREA (SQ. FT.)	
				W/O POSTS	W/POSTS
D-1	Ⓢ Sta. 342+75± Rt.	SCENIC POINT ➡	22.5 S.F.		1
D-2	Ⓢ Sta. 348+50± Lt.	SCENIC POINT ⬅	22.5 S.F.		1
D-3	Ⓢ Sta. 335+00± Rt.	SCENIC LOOKOUT 1000 FT	24.0 S.F.		1
D-4	Ⓢ Sta. 357+00± Lt.	SCENIC LOOKOUT 1000 FT	24.0 S.F.		1
TOTAL			93.0 S.F.		4

6-10-99	Revised Traffic Sign Summary
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
MISCELLANEOUS SUMMARIES
HONOAPIILANI HIGHWAY RESURFACING Vicinity of McGregor Point to Olowalu Project No. HWY-M-01-99M
Date: May, 1999

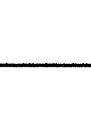
SHEET No. 1 OF 2 SHEETS

ADD.43

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	Oct. 1999
DESIGNED BY	CHECKED BY	
APPROVED BY		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-01-99M	1999	44	44

RAISED PAVEMENT MARKERS AND STRIPING SUMMARY												
STATION TO STATION (APPROXIMATE)	PAVEMENT STRIPING						PAVEMENT MARKERS (EA.)				PAVEMENT ARROW	COMMENTS
	4" YELLOW (L.F.)		4" WHITE	8" WHITE	12" WHITE	12" YELLOW	TYPE "C"	TYPE "D"	TYPE "H"	TYPE "J"		
	DOUBLE	SINGLE	L.F.	L.F.	L.F.	L.F.					EA.	
80+80 - 111+00	3020		6040				152	152				NO PASSING
376+81 - 335+91	4090		8180				206	206				NO PASSING (EQ. STA.)
335+91 - 355+60	2480	700	4500	400	50	170	130	85	70	60	10	LEFT TURN STORAGE LANE PAPAWAI LOOKOUT
355+60 - 259+80	9580		17660	1500			480	480				NO PASSING
259+80 - 253+60					E X C E P T I O N							TUNNEL
253+60 - 218+00	3560		5620	1500			179	179				NO PASSING
218+00 - 211+50		650	1300				33	17	17	68		ONE WAY PASSING
211+50 - 146+50			13000				326	163		652		PASSING
146+50 - 139+00		750	1500				39	20	20	80		ONE WAY PASSING
139+00 - 136+00	300		600				16	16				NO PASSING
136+00 - 130+50		550	400	700			29	15	15	60		ONE WAY PASSING
130+50 - 55+50			12700	2300			376	188		752		PASSING
55+50 - 32+00	2350		4700				119	119				NO PASSING
TOTAL	25380	2650	76200	6400	50	170	2085	1640	122	1672	10	
ESTIMATED QTY.	25500	2700	76200	6500	100	200	2100	1700	150	1700	10	

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	 M3-4  M1-6(30)  M6-3	3			
SRM-2	 M3-2  M1-6(30)  M6-3	3			
	TOTAL	6			

OBJECT MARKER SUMMARY		
TYPE	QUANTITY	
	W/FLEXIBLE POST	W/O POST*
TYPE II OBJECT MARKER		100
TOTAL		100

* Contractor shall install Object Markers on all Trees and Utility Poles that are within the State Highway Right-Of-Way. Ref. TE-17 of Standard Plans.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	10/1/99
DESIGNED BY	CHECKED BY	
DATE		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HONOAPIILANI HIGHWAY RESURFACING

Vicinity of McGregor Point to Olowalu

Project No. HWY-M-01-99M

Date: May, 1999

SHEET No. 2 OF 2 SHEETS