

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(34)	2004	48	68

STRIPING AND PAVEMENT MARKING SCHEDULE																							
Station	Traffic Regime		Thermoplastic or Tape Type in [] (Linear Feet)														Length of Road Segment (LF)	Pavement Markers [each]					
			4" Double Yellow C.L. [I]	4" Yellow C.L. [I]	12" Yellow Diagonal [I]	4" White E.P. Stripe [III]	8" White E.P. Stripe [III]	8" White [III]	8" White [I]	12" White Diagonal [I]	4" White Guide Lines [III]	12" Stop Bar [III]	Solid White Arrows			Cross Walk [III]		A	C	D	H	J	Fire Hydrant Markers
	Lt.	Rt.											Rt. [III]	St. [III]	Lt. [III]								
504+72.00	N	N																					
501+62.00	N	N	310			620										310		17	16			1L	
501+22.00	Open		12			80						23				40		3	1				
495+20.00	N	N	602			1,204										602		31	31			1L	
490+00.00	N	N		520		1,040										520		27	13	13	13	1R	
485+50.00	N	N				900										450		24	12		42		
481+50.00	N	N		400		800										400		21	10	10	10	1R	
480+40.00	N	N	110			220										110		7	6				
480+00.00	Open		11			80						23				40		3	1				
475+40.00	N	N	460			920										460		24	24			1L	
470+20.00	P	N		520		1,040										520		27	13	13	13	1L	
466+30.00	P	P				780										390		21	20				
463+47.00	N	P		283		566										283		15	8	7	28		
461+10.00	N	P		237		474										237		13	7	6	20		
446+60.00	N	N	1,450			2,900										1,450		74	73				
446+20.00	Open		10			80						22				40		3	1				
445+10.00	N	N	110			220										110		7	6				
439+50.00	P	N		560		1,120										560		29	14	14	14		
434+00.00	P	P				1,100										550		29	14		52		
430+00.00	N	P		400		800										400		21	10	10	10		
428+90.00	N	N	110			220										110		7	6				
428+50.00	Open		10			80						22				40		3	1				
416+70.00	N	N	1,180			2,360										1,180		60	60				
409+90.00	P	N		680		1,360										680		35	17	17	17		
408+00.00	P	P				380										190		11	5		16		
401+20.00	N	P		680		1,360										680		35	17	17	17		
364+70.00	N	N	3,650			7,300										3,650		184	183				
364+27.00	Open		10			86						21				43		3	1				
352+37.00	N	N	1,190			2,380										1,190		61					
352+20.00	Open					34						14				17		2					
352+10.00	Equation Station																						
351+87.00	Open		10			46						9				23		2	1				

NOTES: 1. Final striping layout to be determined by the Engineer in the field.
2. Striping quantities shown in this table may not match final field layout.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STRIPING AND PAVEMENT MARKING SCHEDULE
KAWAIHAE ROAD RESURFACING
GUARDRAIL AND SHOULDER IMPROVEMENTS
F.A. PROJ. NO. NH-019-1(34)

Scale: As Shown Date: June, 2003

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(34)	2004	485-1	68

STRIPING AND PAVEMENT MARKING SCHEDULE													
Station	Traffic Regime				THERMOPLASTIC								
					629.1016		629.1010	629.1012	629.1050				
	Rt.	Lt.		4" Double Yellow (I)		4" Yellow (center -line) (I)	4" EP White Stripe (I)	12" Stop Bar (III)	629.2030 C	629.2040 D	629.2070 H	629.2080 J	
281+88	P	P			632					16		2	
288+20	N	P			680	680				17	17	68	
295+00	N	N			1145	1145				58			
306+45	Open		Anekona	25	40		26			2			
306+85	N	N		112	112					8			
307+97	P	N			400	400				9	9	36	
311+97	P	P			550					14		52	
317+47	N	P			400	400				10	10	40	
321+47	N	N			113	113				7			
322+60	Open		Kahinu	35	40		22			3			
323+00	N	N		2884	2884					144			
351+10	EQ. STA. OPEN		Kanehoa	37	40		18			3			
352+20	N	N		1201	1201					60			
364+25	Open		Ouli	46	40		21			4			
364+65	N	N		3385	3385					169			
398+50	N	N		950	950					48			
408+00	N	N		190	190					10			
409+90	N	N		680	680								
416+70	N	N		1177	1177					93			
428+47	Open		Mahua	49	40					4			
428+87	N	N		113	113					7			
430+00	P	N			400	400				10	10	40	
434+00	P	P			550					14		56	
439+50	N	P			560	560				14	14	56	
445+10	N	N		105	105					6			
446+15	Open		Ohina	49	40					4			
446+55	N	N		1467	1467					73			
461+22	P	N			521	521				13	13	52	
466+43	P	P			352					9		32	
469+95	N	P			521	521				13	13	52	
475+16	N	N		484	484					25			
480+00	Open		Akulani	47	40		22			4			
480+40	N	N		2050	2050					104			
500+90	Open		Wai'aka	39	40		22			3			
501+30	N	N		341	341					19			
504+71	Sta. 502+10 Rt.		private road	11			17			2			
208+50	EP	EP			1591								
224+41	Sta. 275+00 Rt.		Wailua				32						
264+81	EP	EP			1407								
278+94				patch									
ADDTL													
	SUBTOTALS			16,735		3,482		225		999	86	546	
	TOTALS			16,735		3,482	52,675	225	1,302	999	86	546	

[illegible]

Note: This tracing prepared during "As-Built" posting.

"AS-BUILT"

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ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY <u>X</u>	" <u>X</u>
	TRACED BY _____	" _____
	DESIGNED BY <u>X</u>	" _____
	QUANTITIES BY _____	" _____
_____dgn	CHECKED BY _____	" _____

asbuilt4kwapms-1.dgn

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRIPING AND PAVEMENT
MARKING SCHEDULE

KAWAIHAE ROAD RESURFACING
GUARDRAIL AND SHOULDER IMPROVEMENTS
F.A. PROJ. NO. NH-019-1(K34)

Scale: As Shown Date: June, 2003

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	NH-019-1(34)	2004	485-2	68

STRIPING AND PAVEMENT MARKING SCHEDULE								
Station	Thermoplastic							
					629.1012			
	Traffic Regime				4" EP White Stripe (I)		629.2030	
		Rt.					C	
					1010	1010		26
264+50		OPEN	75 84		159	159		4
274+60		P						
276+00		P						
281+88		N			3000	3000		75
		N						
306+00		OPEN	83 80	Anekona	163	163		4
307+25		N						
		P			786	786		20
315+11		P						
		N						
		N			3634	3634		93
		N						
351+45		EQ. STA. OPEN	70 70	Kanehoa	140	140		3
352+50		N			1150	1150		30
364+00		OPEN	79 87	Ouli	157	157		4
365+00		N			187	187		5
366+87		N						
		N						
		N			3268	3268		82
		N						
		N						
399+55		N						
		P						
		N			4885	4885		123
		N						
		N						
		P						
448+40		P			3140	3140		79
		N						
		N						
479+80		OPEN	73 107	Akulani	180	180		5
481+05		N			1810	1810		45
499+15		N						
					556	1112		14
504+71								
				SUBTOTALS	24,225	24,781		610
208+50		EP			1591	1591		42
224+41								
		TOTALS			25,816	26,372		652

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY χ	χ
$4kwdpms$	DESIGNED BY χ	-
$4kwdpms$	QUANTITIES BY _____	-
$4kwdpms$	CHECKED BY _____	-
$4kwdpms$		-

msbuilt4kawapms-2.dgn

Note: This tracing prepared during "As-Built" posting.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRIPING AND PAVEMENT
MARKING SCHEDULE

KAWAIHAE ROAD RESURFACING
GUARDRAIL AND SHOULDER IMPROVEMENTS
F.A. PROJ. NO. NH-019-1(34)

Scale: As Shown Date: June, 2003

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(34)	2004	49	68

STRIPING AND PAVEMENT MARKING SCHEDULE

Station			Thermoplastic or Tape Type in [] (Linear Feet)														Length of Road Segment (LF)	Pavement Markers [each]					
			4" Double Yellow C.L. [I]	4" Yellow C.L. [I]	12" Yellow Diagonal [I]	4" White E.P. Stripe [II]	8" White E.P. Stripe [II]	8" White [III]	8" White [I]	12" White Diagonal [I]	4" White Guide Lines [III]	12" Stop Bar [III]	Solid White Arrows			Cross Walk [III]		A	C	D	H	J	Fire Hydrant Markers
	Rt. [III]	St. [III]											Lt. [III]										
322+97.00	N	N				5,780										2,890		146	145				
322+57.00	Open		10			80					24					40		3	1				
321+47.00	N	N	110			220										110		7	6				
317+47.00	P	N		400		800										400		21	10	10	10		
311+97.00	P	P				1,100										550		29	14		52		
307+97.00	N	P		400		800										400		21	10	10	10		
306+87.00	N	N	110			220										110		7	6				
306+47.00	Open		10			80					25					40		3	1				
295+17.00	N	N	1,130			2,260										1,130		58	57			1L	
291+03.70	P	N		413		827										413		22	11	11	41		
290+99.60	Equation Station																						
288+33.00	P	N		267		533										267		14	7	7	30		
281+88.00	P	P				1290										645		33	16		62		
	P	P																					
208+50.00	*	*				3,182										1,591		81					
224+41.00																							
264+87.00	*	*				2,814										1,407		71					
278+94.00																							

* - Estimated quantities for shoulder widening outside of resurfacing limits.

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY <u>X</u>	<u>X</u>
	TRACED BY _____	_____
NOTE BOOK	DESIGNED BY <u>X</u>	_____
<u>44awpms2</u>	QUANTITIES BY _____	_____
<u>dgm</u>	CHECKED BY _____	_____
N.		

NOTES: 1. Final striping layout to be determined by the Engineer in the field.
2. Striping quantities shown in this table may not match final field layout.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRIPING AND PAVEMENT
MARKING SCHEDULE

KAWAIHAE ROAD RESURFACING
GUARDRAIL AND SHOULDER IMPROVEMENTS
F.A. PROJ. NO. NH-019-I(34)

Scale: As Shown Date: June, 2003

SHEET No. 2 OF 2 SHEETS