FED. ROAD	STATE	FED. AID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAWAII	NH-019-1(35)	2004	C.O. 30	70

				•				<u> </u>	STRIPING	S AND PAV	EMENT MA	ARKING SC	HEDULE								
	TRAFFIC						THERM	<i>IOPLASTIC</i>	EXTRUSION	(lin. ft.)								PAVEMENT MARKERS (EACH)			
STATION	REGIME	4"	4"	4"	12"	4" White	4"	8"	12"	4" White	12"			SOLID WH	ITE ARROW		BIKE ROUTE				
	LEFT RIGHT	Double Yellow	Yellow Guidelines	Yellow	Yellow Diagonal	E.P./lai Stripe	Ne White Stripe	White Stripe	White Diagonal	Guide Lines	Stop Bar	Yield Line	Left	Straight	Right	Slant Merge Arrow	\MARKING W/4" WHITE \STRIPE	Α	C	D	$H \mid \setminus J$
-258+00	PP					-15,504		5									\ /		-388 -	194	776
335+52	PW			534		-1,068										1			28	-14	<i>14</i>
-340+86	PP					=1 , 112													-28	14	52
346+42	 			304		<i>610</i>				<u>.</u>									=16==	-8	8 32
	Kokaha Kai State Park	10,786		X	-1,900	-11,166	4,075	-320	-120 -	-500	<u>-24</u>	16	6	-8		20	5	-408	-462	_25	471 \
-400+80				\wedge			\wedge									*		*			
																			el .		
780+00	Scenic Lookout	10.745 -10,900			2,681 	14,201 — <i>11,020</i>	2,680	526 	30 40	595 	24	=16	4	7	4	<u>10</u>	5	250 240	484 484		-645 540
835+00																					
TOTALS		10,745 = 21,685		839	2,681 -4,922	14,201 -40,480	6,755	526 -<i>830</i>-	30 =160	505 = 1,000	526 48	2 -32 -	<u>4</u> ==10	7 =15=		10 =3/=	=10=	240 -658) 448 - 1,406	2 12 -268	540 - 1,138 - 916
CONTRACT NUMBE	ITEM R	23 629.10 13		629.1011	27 629.10 17	22 629.10 12	629.1012	24 629.10 14	26 <i>629.1016</i>	20 629 . 10 10	24 629.10 16	25 629.10 15	31 <i>629,1030</i>	31 629.10 30	31 <i>629.1030</i>	31 <i>629,1030</i>	629.1040	12 629.2 <i>010</i>	32 <i>629.2030</i>	42 629 . 20 40	72 629.20 70 629.208

LEGEND FOR AS-BUILT POSTING

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

LICENSED PROFESSIONAL ENGINEER This work was prepared by me or under my supervision

MITSUNAGA & ASSOCIATES, INC. EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

12/30/04 \(\frac{1}{2} \) Schedule Revised REVISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

STRIPING AND PAVEMENT MARKING SCHEDULE

QUEEN KAAHUMANU HIGHWAY

Resurfacing and Intersection Improvements Federal-Aid Project No. NH-019-1(35) Chas H H48 4/30/2012 Scale: As Noted Date: March 2004

SHEET No. C-280F 68 SHEETS

"AS-BUILT"

STATION	LEFT	RIGHT	MILE POST	TYPE	SIGN TO P REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS) W/POST WO/POST	INSTALL (GREATER THAN 10 SQ. FT.) W/POST WO/POST	SIGN PANEL	RM-4 W/O POST (Bi-Dir)	REMARKS	
262+86	•		92.46	"AIRPORT 1/2 MILE"		1			17.00		Match Existing	
287+06	6		92.00	"AIRPORT 1 MILE"		1			16.00		Match Existing	
339+64	•		91.00	"ADOPT A HIGHWAY/ LITTER CONTROL NEXT 2 MILES/ LIT. BUGS HELCO EMP."		2	1	1			Match Existing	
339+69		•	91.00	"ADOPT A HIGHWAY/ LITTER CONTROL NEXT 2 MILES/ STARBUCKS"		2	1	1			Match Existing	
350+50	•	•	90.80	R2-1(55) (24"x30")		1	1					Note:
352+20		•	90.77	W2-2 (30"x30")			1					Reflector Markers (RM-3) shall be provided on all new and
358+41	•		90.65	R4-1 (24"x30") W14-3 (36"x48"x48")		2				9		existing (to remain) sign posts. The Engineer will consider the cost as included in the price of the various contract items.
358+41		•	90.65	R4-2 (24"30")		1						
362+00		•	90.58	"KEKAHA KAI STATE PARK/ SHORELINE PUB ACCESS"		3	1		16.67		Match Existing	LEGEND FOR AS-BUILT POSTING
364+03		•	90.54	W2-2 (30"x30") W13-1(45) (24"x24")		2				X		Squiggly line for as-built deletion 100.00 Double line for as-built deletion Roadway Text for as-built posting
370+14	•		90.43	R1-1 (30"x30")		1						
371+65	•		90.40	W11-1 (30"x30")			1	·				
371+80	•		90.40	R1-1 (30"x30")			1			1		
372+50	•		90.39	R1-2 (36"x36")			1					
374+68	•		90.34	"KEKAHA KAI STATE PARK/ SHORELINE PUB ACCESS"/ M6-1 (21"x15")		3						
376+65	•		90.30	W2-2 (30"x30") W13-1(45) (24"x24")		D 2						
380+40	•		90.23	R4-1 (24 x 30 x)		1						
380+40		•	90.23	R4-2 (24"x30") W14-3 (36"x48"x48")		2						
380+50			90.23	W11-1 (30"×30") W16-1 (24"×24")			1 1					
384+00			90.15	"KEKAHA KAI STATE PARK/ SHORELINE PUB ACCESS"			1		16.25		Match Existing	DATE REVISION
386+00			90.11	W2-2 (30"x30")			1					STATE OF HAWAII DEPARTMENT OF TRANSPO
												LICENSED PROFESSIONAL ENGINEER * SIGN REPLACEMENT,
												AND INSTALLATION SCH
/												This work was prepared by me or under my supervision QUEEN KAAHUMANU H. Resurfacing and Intersection

 ORIGINAL
 SURVEY
 PLOTTED
 BY
 DATE

 PLAN
 DRAWN
 BY
 C. LIN
 3.04

 NOTE
 BOOK
 DESIGNED
 BY
 3.04

 No.
 CHECKED
 BY
 E. LIDA
 3.04

"AS-BUILT"

31

STATION	LEFT	RIGHT	MILE	TYPE	SIGN TO	REMOVE	00	(10 SQ. FT. LESS)	The state of the s	(GREATER) SQ. FT.)	DESTINATION SIGN PANEL	RM-4 W/O POST	REMARKS
0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			POST		REMAIN	1		WO/POST	W/POST	WO/POST	(S.F.)	(Bi-Dir)	
787+00		•	82.52	W2-2 (30"x30")			1						
787+89		•	82.51	"DRY AREA PREVENT FIRES"	1								
796+05		•	82.36	"DRY AREA PREVENT FIRES" "EMERGENCY PHONE" D9-1B (24"x30")		3							
797+50		•	82,33	"EMERGENCY PHONE" D9-1B (24"x30")			1	1					
800+00		•	82.28	"SCENIC POINT"							19.50		Match Existing
804+85		•	82.19	"SCENIC POINT"		1							
808+00		•	82.06	"EMERGENCY PHONE" D9-1A (24"x30")			1	1					
808+35		•	82.05	"EMERGENCY PHONE" D9-1A (24"x30")		2							
808+60			82.05	R1-1 (30"x30")		1							
809+93	•		82.02	ACCESS AISLE R7-94A (12"x18") R7-201a-E (6"x12")			1	1					Access Aisle/ Tow Signage
810+02	•		82.02	R7-86E (12"x18") R7-201a-E (6"x12")			1	1					ISA Res. Parking Tow Signage
810+62			82.01	R1-1 (30"x30")			1					1	
810+75			82.01	R1-1 (30"x30")		1		-					
811+04	•		82.00	R5-2 (24"x24") "NO TRUCKS" (24"x18")			1	1					
811+10	•		82.00	R1-2 (36"x36")			1						
811+45	•		81.99	"EMERGENCY PHONE" D9-1A (24"x30")	1								
814+32			81.94	D10-5 (12"x36")	1								
815+45			81.92	"SCENIC POINT"	1								
820+00	•		81.83	W11-1 (30"x30") W16-1 (24"x24")			1	1					
823+00	•		81.77	W2-2 (30"x30")			1						
823+70	•		81.76	"EMERGENCY PHONE" D9-1B (24"x30")	1								
				TOTALS	5	32 8	19_ 1	0 <u>_</u> _6	 0		19.50 65 .92	<u></u> 1	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	NH-019-1(35)	2004	32	70

Reflector Markers (RM-3) shall be provided on all new and existing (to remain) sign posts. The Engineer will consider the cost as included in the price of the various contract

LEGEND FOR AS-BUILT POSTING Squiggly line for as-built deletion

Double line for as-built deletion Roadway Text for as-built posting



DATE

This work was prepared by me or under my supervision

MITSUNAGA & ASSOCIATES, INC. EXP. DATE

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN REPLACEMENT, REMOVAL AND INSTALLATION SCHEDULE -QUEEN KAAHUMANU HIGHWAY

REVISION

Resurfacing and Intersection Improvements Federal-Aid Project No. NH-019-1(35)
Scale: As Noted Date: March 2004

SHEET No. C-30 OF 68 SHEETS

"AS-BUILT"

FED. ROAD	STATE	FED. AID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAWAII	NH-019-1(35)	2004	C.O. 33	70

			MILEPOST	MARKER SCHED	DULE		
STATION	LEFT	RIGHT	MILE POST D10-2 (12"X27") MILE POST NO. (RTE. NO.)	KILOMETER POST D10-2 (12"X36")	INSTALL WITH POST (Bi-Dir)	RM-3 W/O POST	REMARKS
287+07	•		92 (19)	148	•		
339+87	•		91 (19)		•		Not Found
392+57	•		90 (19)		•		
CONTRACT IT	EM NO. 621.7	610		TOTALS	3		

* Contractor shall submit shop drawings of the kilometer-post sign to the Engineer for acceptance. Fabrication and installation of these signs shall be considered incidental to various sign items.

	LANE AND SHOULDER	WIDTH SCHEDU	ILE		
Station	Intersection	Full Travel Width (Ft.) (Thru/Auxiliary Lanes)	Average Shoulder Width (Ft.)	Mix IV Approx Area (Sf) Travelway	Mix V Approx Area (Sf) Shoulder
258+00	NA	24	9	219,528	164,646
349+47 400+80	Kekaha Kai State Park	-54 -	= 9	237,355	92,394
-700 00					
780+00 835+00	Scenic Lookout	54	9	237,377	99,000
-0+00 -	-Kekaha Kai Access Road	-24 -	-6-9	-10,405	-4,170
			TOTALS	237,37 704,665	7 99,000 <i>-360,210</i>
			Contract Item Number	401.0400	401.0501

LEGEND FOR AS-BUILT POSTING

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting



This work was prepared by me or under my supervision

QUEEN KAAHUMANU HIGHWAY

Resurfacing and Intersection Improvements

Federal-Aid Project No. NH-019-1(35)

Scale: As Noted Date: March 2004

12/30/04 🖄 Schedule Revised

Chea M Maga-4/30/2012

MITSUNAGA & ASSOCIATES, INC. EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

SHEET No. **C-31** OF **68** SHEETS **C.O. 33**

REVISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

MISCELLANEOUS

SCHEDULES - 1

	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	HAWAII	HAWAII	NH-019-1(35)	2004	34	70

							REFLECT	TOR AND OF	BJECT MAR	KER SCHE	DULE				
STATION				F	RM-2, Bi-dir (White)			RM-3 (Yellow)		RM-3 (Bi-dir) (Yellow)		RM-4 (Bi-dir)		(Bi-dir)	
FROM	ТО	LEFT	RIGHT	STEEL POST	FLEX POST	W/OUT POST	FLEX POST	W/OUT POST	FLEX POST	W/OUT POST	STEEL POST	W/OUT POST	FLEX POST	W/OUT POST	REMARKS
															T
<i>371+80</i>	371+80	•									1				Kekaha Kai State Park
809+00	810+62				9				8			1		9	Scenic Lookout
								\$ *							
9	T	OTALS			9							1			
CONTR	ACT ITEM I	NUMBE	R		60 621.4 138							60 621.40 40			

CEI	NTERLINE AND	D REFERENCE SU	JRVEY MONUMENT	SCHEDULE	
STATION	MONUMENT TYPE	CONSTRUCT NEW CENTERLINE AND REFERENCE MON. (ITEM NO. 613.0100)	RECONSTRUCT CENTERLINE AND REFERENCE MON. (PTEM NO. 613.0120)	STANDARD STREET SURVEY MONUMENT 0200 (ITEM NO. 614.0 100)	REMARKS
-258+00	POT			1	New
-271+00	POT			1	New
-293+00	POT			1	New
311+65.51	P.C.			1	New
-328+00	POC			1	New
344+00	POC			1	New
360+00	POC			1	New
-372+00	MON.	1			Kekaha Kai
_382+00	POC			1	New
796+00	POT		<u></u>	1	New
801+55.07	P.C.			1	New
810+00	POC			1	New
810+81.32	MON.	1		<u></u>	Scenic Lookout
820+00	POC			1	New
832+00	POC			1	New
TO	TALS	2 1		12 5	

NOTES:

- 1. THE CONTRACTOR SHALL INSTALL MONUMENTS PER SCHEDULE.
- 2. THE ENGINEER WILL PROVIDE THE LOCATION OF THE SURVEY MONUMENT PRIOR TO INSTALLATION.

LEGEND FOR AS-BUILT POSTING Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

LICENSED PROFESSIONAL ENGINEER This work was prepared by me or under my supervision DATE REVISION STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULES - 2

QUEEN KAAHUMANU HIGHWAY

Resurfacing and Intersection Improvements Federal-Aid Project No. NH-019-1(35) Chea M Mc 4/30/2012 Scale: As Noted Date: March 2004

SHEET No. C-32 OF 68 SHEETS

NOTE: Contractor to check and verify dimensions at job before proceeding with work. "AS-BUILT"