

GUARDRAIL WORK SUMMARY																STRONG POST MODIFIED THRIE-BEAM GUARDRAIL (TRANSITION TO END POST)				STRONG POST MODIFIED THRIE-BEAM GUARDRAIL (DOUBLE NESTED W/ 3'-1 1/2" POST SPACING)				FED. ROAD DIST. NO. STATE FED. AID PROJ. NO. FISCAL SHEET TOTAL YEAR NO. SHEETS										
SHT. NO.	REMOVE GUARDRAILS, W/ STEEL POSTS				REMOVE TERMINAL ENDS				GUARDRAIL, STRONG POST, W/ W-BEAM				GUARDRAIL, STRONG POST, W/ W-BEAM (8' POSTS)				BEG	END	O/S	LENGTH	BEG	END	O/S	LENGTH	FLEAT -350	ET -2000 or SKT -350	MOD. TYPE A-1	MOD. TYPE G	CONC. END POST	QUADGUARDS		ø2402Y	ø2406Y	
	BEG	END	O/S	LENGTH	D	G	C/F	BCT	BEG	END	O/S	LENGTH	BEG	END	O/S	LENGTH														BEG	END			O/S
7	240+65	242+90	Rt	225				2					241+02.5	242+52.5	Rt	150								2										
													243+65	243+90	Rt	25								2										
	240+60	242+47.5	Lt	187.5				1	241+10	241+97.5	Lt	87.5	243+40	243+90	Lt	50								2	3									
8	229+85	240+54	Lt	1,187.5				1	230+22.5	240+04	Lt	1,100												1										
	227+90	228+90	Lt	112.5			1	1	228+27.5	228+52.5	Lt	37.5								228+52.5	228+90	Lt	37.5	1		1								
	227+32.5	229+95	Rt	262.5				2	227+32.5	228+32.5	Rt	100								228+32.5	228+82.5	Rt	50			2								
	222+75	223+75	Lt	100	2				223+12.5	223+62.5	Lt	50												2										
9	211+80	221+55	Rt	975				2	212+17.5	216+30	Rt	412.5	216+30	217+55	Rt	125								1										
									217+55	221+17.5	Rt	362.5												1										
10	82+55	83+55	Rt	100				1	82+92.5	83+67.5	Rt	75					82+67.5	82+92.5	Rt	25				1					1					
									79+57	80+32	Rt	75	77+82	79+57	Rt	175	80+32	80+57	Rt	25								1						
									76+82	77+82	Rt	100																1						
	82+55	83+55	Lt	100				1	82+92.5	85+17.5	Lt	225					82+67.5	82+92.5	Lt	25				1					1					
	75+75	80+75	Lt	500				1	79+32	80+32	Lt	100	76+19.5	79+32	Lt	312.5	80+32	80+57	Lt	25				1					1					
11	60+37.5	80+75	Rt	2,037.5				1	71+82	74+07	Rt	225	74+07	76+82	Rt	275																		
									64+32	65+57	Rt	125	65+57	71+82	Rt	625																		
									60+69.5	62+07	Rt	137.5	62+07	64+32	Rt	225								1										
12	36+00	44+00	Lt	800				2	36+37.5	43+62.5	Rt	725												2										
13	15+70	18+20	Lt	250		1		1	16+20	17+32.5	Lt	112.5	17+32.5	18+20	Lt	87.5								1			1							
14	11+50	27+75	Rt	1,562.5				2	12+00	27+25	Rt	1,462.5													1									
	23+10	25+72.5	Lt	262.5			1	1	22+90	24+35	Lt	175	24+35	25+10	Lt	75																		
	23+00	-	Lt	12.5					25+10	25+22.5	Lt	12.5															1	1						
15	26+90	30+65	Lt	375			3						27+40	27+90	Lt	50										2								
									27+90	30+15	Lt	225																						
	28+35	30+85	Rt	250				2	28+85	30+35	Rt	150												3										
	31+72.5	36+60	Rt	487.5				2	32+22.5	36+10	Rt	387.5												2										
	37+20	38+82.5	Rt	162.5				2	37+70	38+32.5	Rt	62.5												2										
	41+10	42+60	Lt	150			1	1	41+47.5	41+60	Lt	12.5	41+60	42+10	Lt	50										1								
									42+10	42+22.5	Lt	12.5												1										
	41+10	43+60	Rt	250				2	41+47.5	42+10	Rt	62.5	42+10	42+85	Rt	75								1										
16	47+00	50+87.5	Lt	387.5			1	1	47+37.5	50+37.5	Lt	300												1		1								
	47+00	51+12.5	Rt	412.5				2	47+37.5	49+25	Rt	187.5	49+25	50+00	Rt	75								1										
									50+00	50+75	Rt	75												1										
	56+15	57+15	Rt	100				1	56+52.5	57+15	Rt	62.5												1										
17	63+68.5	64+06	Lt	37.5				1																					64+00	Lt		1		
	65+26	66+13.5	Lt	87.5				1	65+54	65+79	Lt	25					65+29	65+54	Lt	25				1										
	66+80	70+80	Lt	400			1	1	67+17.5	70+80	Lt	362.5												1		1								
18	55+95	59+70	Lt	375									55+95	59+70	Lt	375																		
	55+55	62+05	Rt	650									55+55	62+05	Rt	650																		
19	402+20	403+20	Lt	100				1					402+57.5	402+82.5	Lt	25	402+37.5	402+57.5	Lt	25				1				1	402+20	Rt	1			
TOTALS				12,900	2	2	9	34					7,662.5					3,425					150		87.5	29 ²⁸	11	8	3	5 ⁴			1	1

*12.5 LF guardrail on concrete post to be paid
as removal of guardrail with steel post.

LEGEND FOR
AS-BUILT POSTINGS

AAA

Squiggly line for
as-built deletion

100-00

Double line for
as-built deletion

Roadway

Text for as-built
posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

QUANTITY SUMMARIES

KAUMUALII HIGHWAY

Guardrail and Shoulder Improvements

Omao To Hanapepe

Fed. Aid Project No. STP-050-K(24)

Scale: None Date: July 2001

SHEET No. 1 OF 1 SHEETS