

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		
No. 2001		

GUARDRAIL SCHEDULE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(29)	2001	16	37

CONSTRUCTION PROJECT NO.	REMOVE EXISTING GUARDRAIL STATION LOCATIONS		INSTALL NEW GUARDRAIL STATION LOCATIONS		RESET EXISTING GUARDRAIL STATION LOCATIONS		LEFT / RIGHT	GUARDRAIL REMOVAL LENGTH (FT.)	NEW GUARDRAIL LENGTH (FT.)	NESTED GUARDRAIL LENGTH (FT.)	INSTALL GUARDRAIL AT OBSTRUCTION (FT.)	INSTALL 8-FT. POST (EACH)	RESET POST AND REPLACE SPACER BLOCK (EACH)	GUARDRAIL END TREATMENTS														END TREATMENT REMOVAL	REMARKS	
														TO EXISTING		RUBRAIL (LIN. FT.)	MODIFIED TYPE "A-1"		MODIFIED TYPE "G"		FLEAT 350		ET 2000		SKT 350		BRIDGE RAILING UPGRADE			BRIDGE NAME
	FROM	TO	FROM	TO	FROM	TO								LEAD	TRAIL			LEAD	TRAIL	LEAD	TRAIL	LEAD	TRAIL	LEAD	TRAIL	LEAD	TRAIL			
FAP 11-B	100+51.00	101+39.00	100+27.00	101+52.00	+	+	L	87.5	25.0	--	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	F # C	--
	100+59.00	101+59.00	99+74.00	104+37.00	+	+	R	100.0	425.0	25.0	--	--	--	--	1	--	--	--	--	1	--	--	--	--	--	--	--	--	BCT # BCT	Eliminate 1 Post
	104+00.00	104+37.00	+	+	104+37.00	111+07.00	R	37.5	0.0	--	--	--	109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	BCT	--	
	111+07.00	111+43.00	111+07.00	128+39.00	+	+	R	37.5	1700.0	--	--	3	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	BCT	3-8-ft. Posts At Culvert Sta. 126+41	
	109+08.00	111+10.00	108+42.00	111+20.00	+	+	L	200.0	187.5	37.5	--	2	--	--	--	--	1	--	--	--	--	1	--	--	--	--	--	C # BCT	3-8 ft. Posts At Culvert (Eliminate 2 Posts)	
	+	+	116+03.00	129+41.00	+	+	L	0.0	1250.5	25.0	--	7	--	--	--	--	--	1	--	--	1	--	--	--	--	--	--	--	--	(See Note #1 Below)
	136+98.00	137+97.00	135+97.00	138+84.00	+	+	R	100.0	212.5	--	--	--	--	--	--	--	--	--	--	1	1	--	--	--	--	--	--	BCT # BCT	--	
	137+21.00	138+20.00	136+71.00	139+33.00	+	+	L	100.0	187.5	--	--	3	--	--	--	--	--	--	--	1	1	--	--	--	--	--	--	BCT # BCT	3-8-ft. Posts At Culvert Sta. 126+41	
	+	+	+	+	+	+		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	+	+	+	+	+	+		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
TOTALS								663	3,988	88	0	15	109	2	0	4	0		8	0	0	0	0							

Notes:
1. 3-8-ft. Posts At Sta. 127+59 # 4-8-ft. Posts (Eliminate 1 Post) At Sta. 120+70

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GUARDRAIL SCHEDULE
KAWAIHAE ROAD
GUARDRAIL AND SHOULDER IMPROVEMENTS
KAWAIHAE TOWARDS WAIMEA
F.A. PROJECT NO. NH-019-1(29)
Scale: none Date: Aug., 2001
SHEET No. 1 OF 1 SHEETS