

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	40	46

GUARDRAIL SUMMARY

RIGHT STATION		LEFT STATION		GUARDRAIL TYPE	LENGTH	RM5	TERMINALS		
BEGIN	END	BEGIN	END				APPROACH	TRAILING	COMMENTS
43+20	42+25			Beam Type 3	95	4	SRT 350	Bridge End Post	Upgrade End Post
41+30	40+50			Beam Type 3	80	3	Bridge End Post	SRT 350	Upgrade End Post
		42+80	42+00	Beam Type 3	80	3	Bridge End Post	SRT 350	Upgrade End Post
		41+10	40+10	Beam Type 3	100	4	SRT 350	Bridge End Post	Upgrade End Post
33+00	29+00			Beam Type 3	400	16	SRT 350	Type G	Install RM5
26+80	23+48			Conc. Type 4A	332		Inertial Barrier	Type 4A Transition	Upgrade Type 4A Transition
23+48	17+50			Beam Type 3	598	24	Type 4A Transition	SRT 350	Install RM5
12+90	6+50			Conc. Type 4A	640		Inertial Barrier	Inertial Barrier	Replace Barrier Terminals
		27+50	6+00	Beam Type 3	2150	86	SRT 350	Type G	Install RM5
4+90	1+30			Conc. Type 4A	360		Inertial Barrier	Inertial Barrier	Replace Barrier Terminals
Equation Station Back Sta. 0+86 = Forward Sta. 0+00		3+40	0+86	Beam Type 3	254	10	SRT 350		Install RM5
		0+00	5+00	Beam Type 3	500	20		SRT 350	Install RM5
		9+60	17+60	Beam Type 3	800	32	SRT 350	SRT 350	Install RM5
		17+90	26+10	Beam Type 3	820	33	SRT 350	SRT 350	Install RM5
13+00	16+08			Conc. Type 4A	308		Inertial Barrier	Type 4A Transition	Upgrade Type 4A Transition
16+08	17+45			Beam Type 3	137	5	Type 4A Transition	SRT 350	Install RM5
23+10	25+00			Beam Type 3	190	8	Quadguard	Type G	Install RM5
28+10	32+05			Beam Type 3	395	16	SRT 350	Type G	Install RM5
		26+90	32+50	Beam Type 3	560	22	Type 4A Transition	SRT 350	Install RM5
Equation Station Back Sta. 34+84 = Forward Sta. 29+36		32+50	34+84	Conc. Type 4A	234		Type 4A Transition		Equation Station
		29+36	31+50	Conc. Type 4A	214			Type 4A Transition	Upgrade Type 4A Transition
		31+50	32+55	Beam Type 3	105	4	SRT 350	Type 4A Transition	Install RM5
		41+00	50+50	Beam Type 3	950	38	Quadguard	SRT 350	Install RM5
		53+90	64+10	Beam Type 3	1020	41	Quadguard	SRT 350	Install RM5
62+00	63+50			Beam Type 3	150	6	Quadguard	Type G	Install RM5
78+10	79+90			Beam Type 3	180	7	SRT 350	Type G	Install RM5
80+40	86+90			Beam Type 3	650	26	SRT 350	SRT 350	Install RM5
		89+00	96+00	Beam Type 3	700	28	SRT 350	SRT 350	Install RM5
		116+40	117+60	Beam Type 3	120	5	SRT 350	SRT 350	Install RM5
		124+50	129+40	Beam Type 3	490	20	SRT 350	Type G	Install RM5
		133+80	146+70	Beam Type 3	1290	52	SRT 350	Type G	Install RM5
147+90	152+00			Beam Type 3	410	16	SRT 350	Type G	Install RM5
		148+40	176+50	Beam Type 3	2810	112	SRT 350	SRT 350	Install RM5
160+10	161+80			Beam Type 3	170	7	SRT 350	SRT 350	Install RM5
161+80	163+90			Beam Type 3	210	8			Remove exist. terminals, Install new guardrail
163+90	165+80			Beam Type 3 and Thrie Beam	190	8	FLEAT 350	FLEAT 350	Upgrade Headwall
165+80	166+40			Beam Type 3	60	2		FLEAT 350	Install new guardrail and terminal
		186+40	190+90	Beam Type 3	450	18	Bridge End Post	SRT 350	Install RM5
Equation Station Back Sta. 192+15 = Forward Sta. 22+44		191+90	192+15	Beam Type 3	25	1		Bridge End Post	Equation Station
		22+44	31+90	Beam Type 3	946	38	SRT 350		Install RM5
189+15	190+90	Equation Station Back Sta. 192+15 = Forward Sta. 22+44		Beam Type 3	175	7	SRT 350	Bridge End Post	Install RM5
191+90	192+15			Beam Type 3	25	1	Bridge End Post		Equation Station
22+44	29+10			Beam Type 3	666	27		SRT 350	Install RM5
		45+00	53+60	Beam Type 3	860	34	SRT 350	SRT 350	Install RM5
		61+20	69+95	Beam Type 3	875	35	SRT 350	SRT 350	Install RM5
		90+20	96+80	Beam Type 3	660	26	SRT 350	SRT 350	Install RM5 and reset posts

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	aug. 03
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SUMMARY
HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)

Date: August, 2003

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SHEET No. 2 OF 2 SHEETS