

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-2(34)	1995	32	40

GUARDRAIL SCHEDULE											
FROM	TO	LEFT	RIGHT	LENGTH OF NEW GR. (FT.)	GUARDRAIL END TREATMENT *				STRUCTURE TYPE/NAME	GUARDRAILS TO BE REMOVED	REMARKS
					LEADING	RADIUS	TRAILING	RADIUS			
SDR 3(4)											
14+11	11+15	●		300.0	C		MELT		— —	291	ALONG DROP OFF
12+75	8+30		●	445.0	MELT		MELT		— —	445	ALONG DROP OFF
Kulana Street				212.5	G	R=30'	G		— —	120	BEHIND RETAINING WALL
SDR 3(1)											
4+50	4+75	●			MELT				— —	— —	UPGRADE GUARDRAIL END TREATMENT
8+25	8+50	●					C		— —	35	UPGRADE GUARDRAIL END TREATMENT
34+30	34+55	●					MELT		— —	9	UPGRADE GUARDRAIL END TREATMENT
43+00	43+25	●			MELT				— —	39	UPGRADE GUARDRAIL END TREATMENT
43+82	44+07	●					F		— —	32	UPGRADE GUARDRAIL END TREATMENT
45+90	46+76		●	62.5	C		TYPE I	CULVERT	— —	— —	CONNECT TO CULVERT HEADWALL **
63+80	64+05	●			MELT				— —	— —	UPGRADE GUARDRAIL END TREATMENT
64+00	64+50		●	50.0	C				— —	50	TRANSITION TO STIFFENED SECTION
64+05	64+55	●		50.0					— —	50	TRANSITION TO STIFFENED SECTION
64+50	64+75		●	25.0					— —	25	STIFFENED SECTION AT BRIDGE PIER
64+55	64+80	●		25.0					— —	25	STIFFENED SECTION AT BRIDGE PIER
64+75	65+25		●	50.0			TO EXIST.		— —	50	TRANSITION TO STIFFENED SECTION
64+80	65+30	●		50.0			TO EXIST.		— —	50	TRANSITION TO STIFFENED SECTION
81+35	81+91		●		MELT		PARAPET	WAILUKU		63	CONNECT TO BRIDGE***
81+60	81+91	●			PARAPET		TO EXIST.	WAILUKU		38	CONNECT TO BRIDGE***
TOTAL				1,270	8 MELT Terminals 1 Type I Connection				TOTAL	1,322	

- NOTES: 1. The Engineer shall modify guardrail designs to fit the existing field conditions.
2. Actual radius and locations shall be determined in the field by the Contractor and approved by the Engineer prior to the ordering of curved guardrail sections. Curved guardrail sections shall be ordered in a timely manner to complete the Project within the contract completion date.
- * MELT terminals and bridge connection's include specific lengths of guard rail, see specific plan detail sheets.
** For Culvert Connection Type I see sheets 38 and 39.
*** For guardrail transitions included under Concrete Parapet Extensions, see Sheet Nos. 33 and 34.

6/7/95 Revised Schedule

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULE

HAWAII BELT ROAD RESURFACING
KULANA STREET TO WAILUKU BRIDGE
F. A. Project No. STP-019-2(34)

Scale: None Date: March, 1995

SHEET No. 1 OF 1 SHEETS

DESIGNED BY	DATE
DRAWN BY	16-8-95
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	