

ORIGINAL PLAN

NO. 1

SURVEY PLOTTED BY

DATE

DESIGNED BY

QUANTITIES BY

CHECKED BY

FILE NAME: GRS.DWG

GUARDRAIL AND END TREATMENT SCHEDULE

FROM STATION	TO STATION	LEFT	RIGHT	REMOVE EXIST. GUARDRAIL END TREATMENT **	REMOVE EXIST. GUARDRAIL (LF.) **	INSTALL NEW G.R. END TREATMENT		INSTALL NEW GUARDRAIL (LF.) *
						TYPE	LF. *	
PROJECT NO.								
0+10	4+80		●		470			
797+97	0+12		●	●		F-350 A		
798+22 = 0+00								
792+46 EQ. STA 93+08			●					62.5
0+12 00	4+62		●					450 462.5
4+62	5+00			●		F-350		
14+20	16+10		●		190			
13+83	14+20		●	●		F-350		
14+20	16+20		●					200
16+20	16+57		●	●		F-350		
22+10	22+60		●		50			
22+10	22+60		●	●		A		
22+60	22+85		●					25
22+85	23+35		●	●		A		
23+00	23+50	●			50			
22+30	22+80	●				A		
22+80	23+05	●						25
23+05	23+55	●		●		A		
149+10	149+60	●		●		A		
153+23	155+30							
154+98	154+35	●				F-350		
149+50	150+00		●	●		A		
153+50	154+00		●	●		A		
173+50	174+00		●	●		A		
175+50	176+00		●	●		A		
173+75	174+12	●		●		F-350		
176+00	176+50	●		●		A		
177+90	178+40	●			50			
177+60	178+10		●	●		A		
178+10	178+60		●	●		A		
178+00	179+50							
177+75	178+25	●		●		A		
SUBTOTAL						F-350 (6) A (13)	5 10	725 700

* LENGTH INCLUDED IN END TREATMENT PAY LIMIT.
** REMOVAL SHALL BE CONSIDERED INCIDENTAL TO GUARDRAIL END TREATMENT.
Notes: 1. FLEAT-350 ABBREVIATED AND SHOWN AS F-350
2. MODIFIED TYPE A-1 FLARE ABBREVIATED AND SHOWN AS A

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	12	66

GUARDRAIL RESETTING SCHEDULE

RESET GUARDRAIL		LEFT	RIGHT	LF. GUARDRAIL RESETTING
FROM STATION	TO STATION			
149+60	153+23	●		450 538
150+00	153.50		●	375 350
174+00	175+50		●	162.5 150
174+12	176+00	●		200 188
178+50	187+00	●		862.5 850
182+52	186+15		●	362.5
164+25	168+45	●		375
164+25	168+70		●	450
SUBTOTALS				3237.5 2076

Note:
1. Adjustment of Guardrail to be Paid For Under Item 606.1000-Resetting Guardrail With Post.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULE

ROUTE 190

HAWAII BELT ROAD RESURFACING

KEAMUKU TO PUUANAHULU

PROJECT NO. 190C-01-00M

Scale: None

Date: May, 2000

SHEET No. 1 OF 2 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	13	66

GUARDRAIL RESETTling SCHEDULE

Note:

1. Adjustment of Guardrail to be Paid For Under Item 606.1000—Resetting Guardrail With Post.

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY ☒ _____	" " _____
	DESIGNED BY ☒ _____	" " _____
	QUANTITIES BY _____	" " _____
	CHECKED BY _____	" " _____
No. ☒ _____		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULE

ROUTE 190

HAWAII BELT ROAD RESURFACING

KEAMUKU TO PUUANAHULU

PROJECT NO. 190C-01-00M

Scale: None Date: May, 2000

SHEET No. 2 OF 2 SHEETS

“AS-BUILT”