

N:\DOT-HW\RT190\190-21.dwg Tue Jun 15 10:38:13 1999 R Asan1

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

GUARDRAIL AND END TREATEMENT SCHEDULE

FROM STATION	TO STATION	LEFT	RIGHT	REMOVE EXIST. GUARDRAIL END TREATMENT **	REMOVE EXIST. GUARDRAIL (L.F.) **	INSTALL NEW G.R. END TREATMENT		INSTALL NEW GUARDRAIL (L.F.) *
						TYPE	L.F. *	
PROJECT NO. F-10(6)								
198+50 ¹⁹⁷⁺⁶³	198+00 ¹⁹⁸⁺¹³		●	C	25 37.5	A	50	12.5
197+65 ¹⁹⁷⁺⁴⁴	198+15 ¹⁹⁷⁺⁹⁴	●		F	25 37.5	A	50	12.5
198+65 ¹⁹⁸⁺⁴⁹	199+15 ¹⁹⁸⁺⁹⁹		●	F	25 37.5	A	50	12.5
200+90 ²⁰¹⁺⁰¹	201+40 ²⁰¹⁺⁵¹		●	C	25 37.5	A	50	12.5
204+00 ²⁰³⁺⁸⁷	204+75 ²⁰⁴⁺⁶²		●	BCT	25	F-350	37.5	37.5
206+30 ²⁰⁶⁺¹⁷	207+30 ²⁰⁷⁺¹⁷	●		BCT	25	F-350	37.5	62.5
219+00 ²¹⁸⁺⁵²	219+38 ²¹⁹⁺⁴⁰		●	BCT	37.5	F-350	37.5	50.0
219+00	219+38	●		BCT	37.5	F-350	37.5	
220+12 ²²⁰⁺¹³	220+50 ²²⁰⁺⁵¹	●		BCT	37.5	F-350	37.5	
221+42 ²²¹⁺³⁸	221+80 ²²¹⁺⁷⁶		●	BCT	37.5	F-350	37.5	
223+30 ²²³⁺²⁶	223+68 ²²³⁺⁶⁴		●	BCT	37.5	F-350	37.5	
226+00 ²²⁵⁺²⁸	226+38 ²²⁶⁺³⁶		●	BCT	37.5	F-350	37.5	
229+52 ²²⁹⁺⁵⁰	229+90 ²²⁹⁺⁸⁸	●		BCT	37.5	F-350	37.5	
229+62 ²²⁹⁺⁵⁹	230+00 ²²⁹⁺⁹⁷		●	BCT	37.5	F-350	37.5	
PROJECT NO. RS-0190(8)								
49+75 ⁴⁹⁺⁸⁷	50+25 ⁵⁰⁺⁵⁰		●	C	25	A	50	12.5
50+00 ⁴⁹⁺⁸⁷	50+50	●		F	50	A	50	12.5
51+62 ⁵¹⁺⁶³	52+00 ⁵²⁺⁰¹		●	BCT	37.5	F-350	37.5	
51+92 ⁵¹⁺⁸⁵	52+30 ⁵²⁺²³	●		BCT	37.5	F-350	37.5	
57+60 ⁵⁷⁺⁵⁵	57+98 ⁵⁷⁺⁹³	●		BCT	37.5	F-350	37.5	
60+00 ⁶⁰⁺⁰⁸	60+75 ⁶⁰⁺⁵⁸		●	C	50 25	A	50	25
60+75 ⁶⁰⁺⁷⁰	61+38 ⁶¹⁺²⁰		●	F	50 37.5	A	50	12.5
61+25 ⁶¹⁺⁰⁹	62+00 ⁶¹⁺⁴⁷	●		BCT	25	F-350	37.5	37.5
80+50	80+88		●	BCT	37.5	F-350	37.5	
81+00 ⁸⁰⁺⁹²	81+38 ⁸¹⁺³⁰	●		BCT	37.5	F-350	37.5	
82+62 ⁸²⁺⁵⁶	83+00 ⁸²⁺⁹³		●	BCT	37.5	F-350	37.5	
83+12 ⁸³⁺¹¹	83+50 ⁸³⁺⁴⁸	●		BCT	37.5	F-350	37.5	
193+25 ¹⁹³⁺⁴⁴	193+63 ¹⁹³⁺⁵⁷	●		BCT	37.5	F-350	37.5	
193+60 ¹⁹³⁺²⁵	193+10 ¹⁹³⁺⁶³		●	BCT	50	F-350	37.5	12.5
194+10 ¹⁹⁴⁺⁸⁸	194+98 ¹⁹⁵⁺⁵⁰		●	BCT	50	F-350	37.5	50 25.0
TOTALS					212.5 1050	F-350 (21) A (8)	1187.5	250.0 237.5

* - LENGTH INCLUDED IN END TREATMENT PAY LIMIT

** - REMOVAL SHALL BE CONSIDRED INCIDENTAL TO GUARDRAIL END TREATEMENT

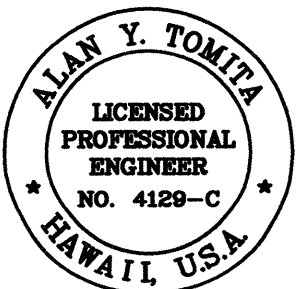
Note: FLEAT-350 ABBREVIATED AND SHOWN AS F-350

GUARDRAIL ADJUSTMENT SCHEDULE

ADJUST GUARDRAIL		LEFT	RIGHT	L.F. GUARDRAIL ADJUSTED
FROM STATION	TO STATION			
198+00	198+65		●	65
198+15	206+30	●		815
201+40	204+00		●	260
219+38	221+42	●		204
219+38	220+12		●	74
223+68	229+52	●		584
226+38	228+00		●	162
50+50	51+92	●		142
57+98	61+25	●		327
81+38	83+12	●		174
193+10	194+10		●	100
TOTALS				2,907

Notes:

- Adjustment of Guardrail to be Paid For Under Item 606.1000-Resetting Guardrail Post.
- Adjust Guardrail Height to 1'-9", as shown on Plan Sheet No. 6.



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Alan Y. Tomita

6/3/99	Added Notes to Guardrail Adjustment Schedule.
Date	Revision

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GUARDRAIL SCHEDULES	
MAMALAHOA HIGHWAY RESURFACING Vicinity of Kamakoa Bridge No. 1 to Keamoku Project No. 190DE-01-99M	
Scale: None	Date: June, 1999
SHEET No. 1 OF 1 SHEETS	

"AS-BUILT"

ADD. 21