

GUARDRAIL SCHEDULE												
FROM	TO	LEFT	RIGHT	LENGTH OF NEW GR. (FT.)	NUMBER OF POSTS TO RESET	GUARDRAIL END TREATMENT				BRIDGE NAME	GUARDRAILS TO BE REMOVED	REMARKS
						LEADING	RADIUS	TRAILING	RADIUS			
22+76 22+62	23+37 50		●	37.50		Fleat SRT 350	---	Existing	---	---	25.0	Remove BCT
23+37 13	27+29		●	---	6 59	---	---	---	---	---	---	
27+29	28+34 27		●	33.0 150		Existing	---	Type G+	20 (2)	---	25.0	Remove BCT
36+83 88	37+88 516		●	37.5 25.50		Type G+	15 (2)	Existing	---	---	12.5	Remove Type G
37+88 516	38+78.5		●		27	---	---	---	---	---	---	
38+78.5	40+66 39+46		●	187.5 0.0		Existing	---	Type G SRT 350	---	---	12.5	Remove Type G
37+82 504	37+27 526	●		25.0		Existing Type G	20 (2)	Type G+ Existing	20 (2) AAA	---	12.5	Remove Type G
37+27 526	39+50 525	●		---	36 33	---	---	---	---	---	---	
39+50 525	39+68 25.5	●		0.0 50		Fleat 350 Existing	---	Existing SRT 350	---	---	12.5 37.5	Remove BCT
48+76 83	49+89 50+07		●	---	2 18	Type C	---	Existing	---	---	---	Existing Type C
48+49 50+07	51+39 50+44.5		●	112.5 0.0	---	Existing	---	Fleat SRT 350	---	---	0	Remove Type G
49+89 14	51+20 509	●		---	34 32	Existing Type F	---	Type F Existing	---	---	---	Existing Type F
51+20 509	51+58 70	●		0.0 25	---	Fleat 350 Existing	---	Existing SRT 350	---	---	12.5	Remove BCT
64+85 12	66+12 525	●		---	33 36	Existing Type F	---	Type F Existing	---	---	---	Existing Type F
66+12 525	66+37 528	●		12.5 25.0	---	Existing	---	Type G	15 (2)	---	12.5	Remove Type G
64+10 04	64+85 93		●	37.5 50		Fleat SRT 350	---	Existing	---	---	25.0	Remove Type G
64+85 93	66+61 580		●	---	28 31	---	---	---	---	---	---	
66+61 580	66+99 91		●	12.5 37.5		Existing	---	Type G	20 (1)	---	12.5	Remove Type G
74+73 77	74+76 79	●		25.0	---	Type G	15 (2)	Existing	---	---	0	Remove Type G
74+76 77	77+41 37	●		---	42 44	---	---	Type C	---	---	---	Existing Type C

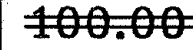
Continued

SURVEY PLOTTED BY	DATE
DRAWN BY	4/96
TRACED BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILED BY	
FILE NO.	

LEGEND FOR
AS-BUILT POSTINGS



Squiggly line for as-built deletion



Double line for as-built deletion



Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULE

HAWAII BELT ROAD RESURFACING
PAUKA'A TO PAPA'IKOU
PROJECT NO. 19J-01-97M

Scale: As Shown Date: Jan., 1997

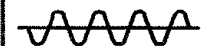
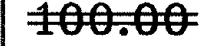
SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19J-01-97M	1997	20	35

GUARDRAIL SCHEDULE												
FROM	TO	LEFT	RIGHT	LENGTH OF NEW GR. (FT.)	NUMBER OF POSTS TO RESET	GUARDRAIL END TREATMENT				BRIDGE NAME	GUARDRAILS TO BE REMOVED	REMARKS
						LEADING	RADIUS	TRAILING	RADIUS			
74+83 91	74+91 94		●	12.5		Type G	20 (1)	Existing	— —	— —	0	Remove Type G
74+91 94	77+63 577		●	— —	44 47	— —	— —	— —	— —	— —	— —	
77+63 577	77+80 85		●	12.5 25.0		Existing	— —	Type G	15 (2)	— —	12.5	Remove Type G
82+99 78	83+36 563		●	00 50		Fleat SRT 350	— —	Existing	— —	— —	12.5	Remove BCT
83+36 563	86+63 74		●		52 50	— —	— —	— —	— —	— —	— —	
86+63 74	86+83 81		●	12.5 37.5		Existing	— —	Type G	20 (3)	— —	12.5	Remove Type G
86+54 62	88+28 00	●		— —	28 23	Type F	— —	Bridge	— —	Kapue	— —	Construct new wall around Type F
87+26 525	87+41 531		●	12.5 25.0	— —	Type G	15 (2)	Existing	— —	— —	12.5	Remove Type G
87+41 531	88+28 05		●	— —	11 13	— —	— —	Bridge	— —	Kapue	— —	
92+50 84	93+0 03		●	— —	0 3	Bridge	— —	Type F	— —	Kapue	— —	All existing
96+27	100+23	●		387.5		Type G		Type G				
92+50 84	93+48 46	●		— —	16 11	Bridge	— —	Type C	— —	Kapue	— —	All existing
104+46.5	104+59		●	12.5								
104+59 97	106+49 25		●	— —	30 27	Type G	— —	Existing	— —	— —	25.0	Existing Type G
106+49 25	108+62 106+86.5		●	0.0	— —	— —	— —	SRT 350 Type G+	— —	— —	— —	
104+90	106+96	●		25.0		Type G	20 (2)	Existing	— —	— —	25.0	Extend and Install Type G
104+96	106+53 00	●		— —	25 17	— —	— —	— —	— —	— —	— —	
106+53 08	106+78 52				8							
106+81	106+92	●		25.0		Existing	— —	Type C	— —	— —	0	New Type C
116+95.5	117+45.5		●	12.5	— —	Fleat SRT 350	— —	Existing	— —	— —	12.5	Remove Type G
117+45.5	121+48.5		●	— —	64 67	— —	— —		— —	— —	— —	
121+48.5	121+86		●	37.5	— —	Existing	— —	Type G	30 (3)	— —	12.5	Remove Type G

Continued

ORIGINAL PLAN	DATE 4/96
DESIGNED BY N. 101	
CHECKED BY	

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GUARDRAIL SCHEDULE	
HAWAII BELT ROAD RESURFACING PAUKA'A TO PAPA'IKOU PROJECT NO. 19J-01-97M	
Scale: As Shown	Date: Jan., 1997
SHEET No. 2 OF 3 SHEETS	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19J-01-97M	1997	21	35

GUARDRAIL SCHEDULE												
FROM	TO	LEFT	RIGHT	LENGTH OF NEW GR. (FT.)	NUMBER OF POSTS TO RESET	GUARDRAIL END TREATMENT				BRIDGE NAME	GUARDRAILS TO BE REMOVED	REMARKS
						LEADING	RADIUS	TRAILING	RADIUS			
117+39.37	123+97 124+07.5	●		— —	#7 102	Type F	— —	Existing	— —	— —	— —	Existing Type F
124+07.5	124+45	●		37.5	— —	Existing	— —	SRT 350	— —	— —	12.5	Remove Type G
123+86	124+35			12.5		Flat-350		Existing				
122+13.5	122+38.5		●	25.0	— —	Type G	20 (2)	Existing	— —	— —	12.5	Remove Type G
122+38.5 122+37	125+03.7		●	— —	42	— —	— —	— —	— —	— —	— —	Equation Station
0+00	3+41.5		●	— —	55	— —	— —	— —	— —	— —	— —	Equation Station
3+41.5	3+66.5		●	25.0	4	Existing	— —	Type G	20 (2)	— —	12.5	Remove Type G
3+41.5	3+54		●		1							
Puueopaku Road												
-5+97	-3+88		●	— —	— —	— —	— —	— —	— —	— —	209.0	Remove Wooden Guardrail w/ Concrete Posts
-7+03 6+38	-3+50.5 56		●	350.0 256.0	— —	Type F	— —	SRT 350	— —	— —	— —	
6+62	13+12		●	650.0	— —	— —	— —	— —	— —	— —	650.0	Remove Wooden Guardrail w/ Concrete Posts
5+53 4+78	13+12		●	684.0 862.5	— —	SRT 350	— —	SRT 350	— —	— —	— —	
TOTALS				2,198.0	771						1,184.0	

NOTE : Radius = 15(2) denotes the proposed radius and the number of 12.5' sections required in parenthesis.
G+ = Modified Type G End Treatment

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	NOTE BOOK	
N. 000	DESIGNED BY	
	CHECKED BY	

LEGEND FOR
AS-BUILT POSTINGS


~~100.00~~

Squiggly line for as-built deletion
Double line for as-built deletion

Roadway

Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULE

HAWAII BELT ROAD RESURFACING
PAUKA'A TO PAPA'IKOU
PROJECT NO. 19J-01-97M

Scale: As Shown
Date: Jan., 1997

SHEET No. 3 OF 3 SHEETS