

ORIGINAL
PLAN

SURVEY PLOTTED BY
DRAWN BY
NOTES BOOK
DATE
10/27/94

TRACED BY
CHECKED BY
QUANTITIES BY
R. Hiroaka/K. Takayachi
dd&t
Kamimura

GUARDRAIL SCHEDULE										
SHT. NO.	LOCATION	STATION		EXISTING GUARDRAIL TO BE REMOVED (Lin. Ft.)	NEW GUARDRAIL (606.3110) (Lin. Ft.)	NEW DOUBLE NESTED GUARDRAIL (606.3111) (Lin. Ft.)	NEW THRIE BEAM GUARDRAIL (606.3112) (Lin. Ft.)	NEW GUARDRAIL W/RUBRAIL (606.3200) (Lin. Ft.)	NEW GUARDRAIL END TREATMENTS	
		FROM	TO						LEAD	END
2,3	Waipahu Overpass Struct., OB	5+15	3+85 rt.	75	87.5			37.5	Type G Flare	
2	Waipahu Overpass Struct., OB	3+10	2+48 rt.	37.5	25			37.5		Type G Flare
2	Waipahu Overpass Struct., OB	4+40	4+15 lt.	25			25			
2	Waipahu Overpass Struct., OB	3+40	3+15 lt.	25			25			
2	Waipahu Overpass Struct., IB	3+35	3+55 lt.	25			25			
2	Waipahu Overpass Struct., IB	4+30	4+80 lt.		25		25			Type G Flare
2	Waipahu Overpass Struct., IB	3+48	3+85 rt.	37.5				37.5		
2,3	Waipahu Overpass Struct., IB	4+60	5+47 rt.	87.5	50			37.5		
3	Waipahu Overpass Struct., OB	5+70	5+25 rt.	50	50					Type G Flare
3	Structure No. 4A, OB	15+40	14+65 rt.	75	50		25			
3	Structure No. 4A, OB	9+55	9+30 rt.	25			25			
3	Structure No. 4A, OB	14+75	14+50 lt.	25			25			
3	Structure No. 4A, OB	9+20	8+10 lt.	100	75		25		GREAT	
3	Structure No. 4B, IB	8+10	9+10 lt.	100	75		25			
3	Structure No. 4B, IB	14+40	14+65 lt.	25			25			
3,6	Struct. No. 4B & Waipahu St., IB	7+00	9+00 rt.	400	375		25			
3	Structure No. 4B, IB	14+20	14+95 rt.	75	50		25			
3	Kamehameha Hwy., IB	15+60	20+60 lt.	180	500					
3	Kamehameha Hwy., OB	19+15	15+40 lt.	50	375					
3	Kamehameha Hwy., OB	21+20	20+45 rt.	12.5	75					Type G Flare
3	Kamehameha Hwy., OB	22+00	21+62 rt.	37.5	37.5					
3	Loop No. 5	15+50	16+00 lt.	12.5	50					Type G Flare
3	Kamehameha Hwy., IB	20+93	21+17 rt.	37.5			37.5			
3	Kamehameha Hwy., IB	20+93	21+17 lt.	37.5			37.5			
3	Kamehameha Hwy., OB	21+17	20+93 lt.	37.5			37.5			
3	Kamehameha Hwy., IB	21+50	22+00 rt.	50	50					
3	Ramp D-1	0+50	0+75 rt.	25	25					
4	Ramp E	10+60	10+72 rt.	12.5	12.5					
4	Ramp E	5+30	6+00 rt.	100	350			50	Type G Flare	
4	Kamehameha Hwy., OB	25+00	24+38 rt.	12.5	62.5					
4	Kamehameha Hwy., OB	24+00	23+75 lt.	25	25					Type G Flare
4	Kamehameha Hwy., IB	24+85	25+85 rt.	62.5	62.5				Inertial Barrier	
4	Ramp D-1	1+90	2+40 rt.	50	50					
4	Ramp D-1	2+60	3+73 lt.	80	112.5					
4	Ramp H	0+50	0+75 rt.	25	25					

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	17	58

- GUARDRAIL NOTES:
- For guardrail end treatments, see Standard plans.
 - Removal of existing guardrail prior to installation of new guardrail shall be permitted in increments as approved by the Engineer and no open sections of guardrail shall be permitted after daily work ceases. All existing and new guardrail shall be functional during non-working hours.
 - A 25-foot parabolic curve shall be installed 12.5 feet prior to guardrail taper on all new guardrails.
 - New Guardrail with Rubrail shall be paid by the linear foot under Item No. 606.3200 regardless of post spacings.
 - The Contractor shall provide an 8"± diameter opening thru the concrete gutter for driving guardrail posts, as shown on the plans. Fill with A.C. This work shall be incidental to New Guardrail, Item No. 606.3100.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULE

KAMEHAMEHA HIGHWAY RESURFACING
Lumiaina Street to Farrington Highway
FED. AID PROJ. NO. STP-099-1(13)

Date: Sept., 1994

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	18	58

GUARDRAIL SCHEDULE										
SHT. NO.	LOCATION	STATION		EXISTING GUARDRAIL TO BE REMOVED (Lin. Ft.)	NEW GUARDRAIL (606.3110) (Lin. Ft.)	NEW DOUBLE NESTED GUARDRAIL (606.3111) (Lin. Ft.)	NEW THRIE BEAM GUARDRAIL (606.3112) (Lin. Ft.)	NEW GUARDRAIL W./RUBRAIL (606.3200) (Lin. Ft.)	NEW GUARDRAIL END TREATMENTS	
		FROM	TO						LEAD	END
4	Structure No. 10A, OB	14+60	13+85 rt.	25			25			
4	Structure No. 10A, OB	16+00	16+25 rt.	25			25			
4	Structure No. 10A, OB	13+00	13+05 lt.	25			25			
4	Structure No. 10A, OB	16+00	16+25 lt.	25			25			
4	Structure No. 10B, IB	0+95	1+20 lt.	25			25			
4	Structure No. 10B, IB	3+40	3+65 lt.	25			25			
4	Structure No. 10B, IB	1+00	1+25 rt.	25			25			
4	Structure No. 10B, IB	3+30	3+55 rt.	25			25			
4	Loop No. 3	4+75	5+00 lt.	25	25				Inertial Barrier	
4,5	Ramp H	4+30	13+90 lt.	25	925					
4	Ramp H	10+32	10+68 lt.			37.5				
5	Ramp H	15+90	18+35 rt.	12.5	262.5					
6	Structure No. 12, OB	4+80	3+05 rt.	75	150		25			
6	Structure No. 12, OB	9+05	8+30 rt.	75	50		25			
6	Structure No. 12, IB	8+25	11+00 rt.	225	200		25	50	Type G Flare	
6	Structure No. 12, IB	4+20	4+60 rt.	50	25		25			
7	Loop No. 5	5+20	5+45 rt.	25	25				Inertial Barrier	
7	Loop No. 5	9+65	10+10 rt.		50				Type G Flare	Type G Flare
7	Loop No. 5	10+10	11+30 rt.	100	125				Type G Flare	
TOTAL				2,847.5	4,512.5	37.5	712.5	362.5		

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY <i>X</i>	• 10/27/94
NOTE BOOK	TRACED BY	•
<i>dd2.kf</i>	DESIGNED BY <i>R. Hironaka/K. Tatsuyuchi</i>	•
<i>sgamdm10.dgn</i>	QUANTITIES BY	•
	CHECKED BY	•

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULE

*KAMEHAMEHA HIGHWAY RESURFACING
Lumiaina Street to Farrington Highway
FED. AID PROJ. NO. STP-099-1(I)(3)*

Date: Sept., 1994

SHEET No. 2 OF 2 SHEETS