

LIST OF METAL GUARD RAILS

LOCATION	STATION TO STATION	SIDE	LIN FT.		CONNECTION (BEGIN AND/OR END)
			606.3110	606.7110	
			W BEAM	THREE-BEAM	
INB $\emptyset$	34+89± to 37+01	Rt.	212		Type "X" and Type "G" Flare
INB $\emptyset$	35+99 to 38+19	Lt.	176	44	Type "MS-6" and BCT
INB $\emptyset$	41+97 to 46+27	Lt.	386	44	Type "MS-6" & Type "G" Flare with Special Cable Anchor
INB $\emptyset$	55+83 to 62+60	Lt.	633	44	Type "MS-6" and Type "MS-3"
$\emptyset$	65+81 to 70+95	Lt.	276	238	Type "MS-3" & Type "C" Flare
$\emptyset$	54+80 to 69+09	Rt.	1079	350	Type "X"
$\emptyset$	71+08 to 73+05	Lt.	197		End Section (Buffer) & Type "C" Flare
$\emptyset$	75+69 to 76+61	Rt.	92		Type "C" Flare and Type "X"
$\emptyset$	77+15 to 81+19	Rt.	360	44	Type "MS-6" and Type "MS-6"
$\emptyset$	78+86 to 81+20	Lt.	190	44	Type "MS-3" and Type "X"
$\emptyset$	81+60 to 82+90	Lt.	86	44	Type "MS-6" and Type "MS-3"
$\emptyset$	84+85 to 89+76	Lt.	447	44	Type "MS-3" and Type "Y"
$\emptyset$	81+60 to 90+80	Rt.	876	44	Type "X" and Type "MS-6A"
$\emptyset$	95+25 to 102+15	Rt.	646	44	Type "Y" and Type "MS-6"
$\emptyset$	98+00 to 104+25	Lt.	625		End Section (Buffer) and Type "MS-3"
$\emptyset$	107+45 to 108+33	Rt.	88		Type "C" Flare and Type "MS-6"
RAMP 5A	11+14 to 14+18	Rt.	304		Flare End
RAMP 6A	3+85 to 7+25	Lt.	340		BCT & Type "C" Flare
RAMP 6A	0+00 to 7+15	Rt.	715		Type "G" Flare
RAMP 11A	1+95 to 4+75	Lt.	236	44	Type "MS-6A" and BCT
RAMP 11A	2+75 to 4+65	Rt.	190		End Section (Buffer)
RAMP KO	4+85 to 8+38	Lt.	353		BCT & Type "G" Flare w/ Special Cable Anchor
RAMP WL-0	4+70 to 7+57	Lt.	287		End Section (Buffer) & Type "G" Flare
RAMP WL-0	6+32 to 8+42	Rt.	166	44	Type "C" Flare and Type "MS-6"
RAMP WL-I	5+00 to 5+25±	Rt.	19		Type "MS-6"
RAMP WL-I	5+90 to 8+18	Rt.	184	44	Type "MS-6" and BCT
RAMP WL-I	7+35± to 10+05±	Lt.	225	44	End Post Connector and Type "Y"
TOTAL			9388	1160	

LIST OF CONCRETE BARRIERS

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LOCATION	STATION TO STATION	LIN FT.				REMARKS
		606.4310	606.4320	606.4140	OTHERS	
		TYPE 50	TYPE 50C	TYPE 50E		
INB. $\emptyset$	25+09 ± to 32+00 ±		691.00			
INB. $\emptyset$	32+00 to 34+24.61	224.61				
INB. $\emptyset$	34+24.61 to 36+04.65			180.04		
INB. $\emptyset$	36+04.65 to 39+64.34	359.69				
INB. $\emptyset$	39+64.34 to 41+57.55				193.21	Bridge Conc. Median Barrier
INB. $\emptyset$	41+57.55 to 42+50	92.45				
INB. $\emptyset$	42+50 to 45+68.33		318.33			
INB. $\emptyset$	45+68.33 to 54+83.33				915.00	Bridge Conc. Median Barrier
$\emptyset$	54+83.33 to 59+28.50		445.17			
$\emptyset$	59+28.50 to 59+81.50			53.00		
$\emptyset$	59+81.50 to 66+45.50		664.00			
$\emptyset$	66+45.50 to 66+98.50			53.00		
$\emptyset$	66+98.50 to 76+29.19	930.69				
$\emptyset$	76+29.19 to 77+52.69			123.50		
$\emptyset$	77+52.69 to 80+83.69	331.00				
$\emptyset$	80+83.69 to 81+98.19			114.50		
$\emptyset$	81+98.19 to 94+29.27	1,231.08				
$\emptyset$	94+29.27 to 95+52.61				123.34	Bridge Conc. Median Barrier
$\emptyset$	95+52.61 to 101+34.98	572.37				
$\emptyset$	107+84.98 to 108+98.01			113.03		
RAMP WL-1	5+69 to 6+25 Lt.				56	Type 4E
RAMP WL-1	6+25 to 7+33.99 Lt.				110.39	Type 4F
$\emptyset$	101+24.98 to 107+84.98				660.00	Portable Guard Rail

NOTE:
Additional Portable Concrete Guard Rails beyond those provided for in the Proposal Schedule, shall be furnished by the Contractor at his cost.

DATE
DESIGNED BY
CHECKED BY
ORIGINAL PLAN
NOTE BOOK
NO.

1/3/84 Revised list of Concrete Barrier and added note
DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
LIST OF GUARDRAILS
INTERSTATE ROUTE H-1
SAFETY IMPROVEMENTS
Kalo Lane To Aieakoa Ave.
F.A.I. Project No. 1R-HI-1(184)
Sept. 1983
SHEET NO. OF SHEETS