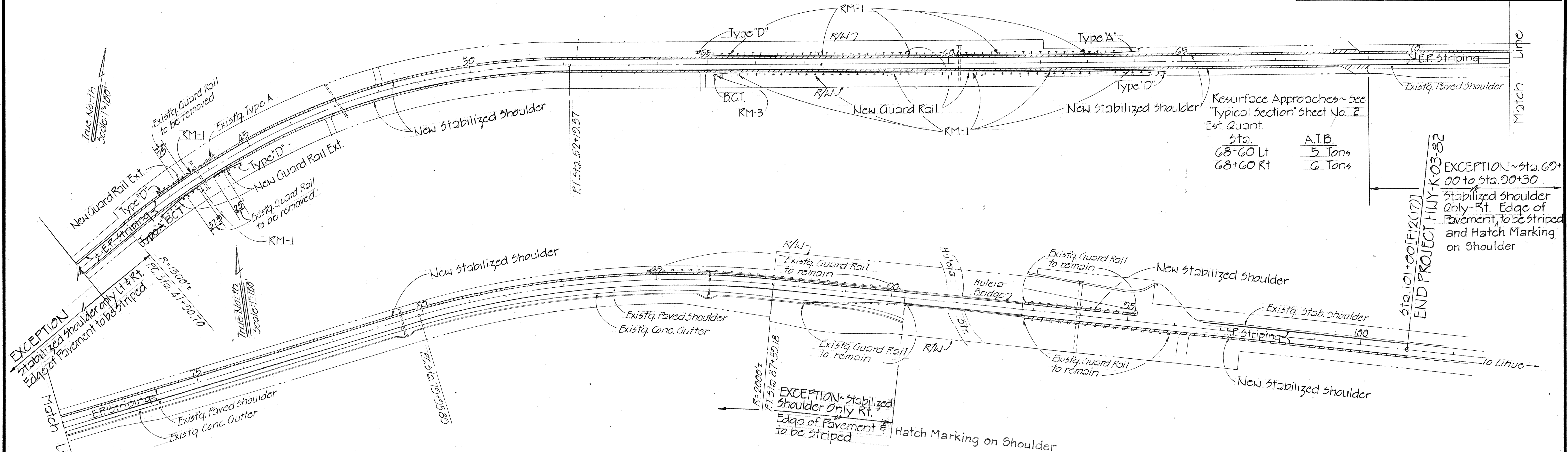


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-82	1982	4	14



GUARD RAIL AND DELINEATOR SCHEDULE & EST. QUANT.

Station [F12(12)]	Remove & Salvage Guide Post	Remove & Salvage Guard Rail	Guard Rail w/ Steel Post	Guard Rail w/ Steel Post w/ Kub Rail	Terminal Section	Delineator
180+25 to 181+00 Rt.		62.5 L.F.	62.5 L.F.	33.0 L.F.	Type "A"	RM-4 = 1 Ea.
181+53 to 181+00 Lt.		25.0 L.F.		12.5 L.F.	B.C.T.	RM-3 = 1 Ea. RM-4 = 1 Ea.
183+25 to 183+62 Rt.		37.5 L.F.		12.5 L.F.	B.C.T.	RM-3 = 1 Ea. RM-4 = 1 Ea.
183+25 to 184+55 Lt.		62.5 L.F.	100.0 L.F.	33.0 L.F.	Type "A"	RM-4 = 1 Ea.
184+83 to 187+30 Lt. 55	8 Ea.		250.0 L.F.		Type "D" Type "C"	RM-1 = 2 Ea.
195+15 to 195+00 Lt.		50.0 L.F.	75.0 L.F.		Type "D"	
198+50 to 199+25 Lt.		25.0 L.F.	75.0 L.F.		Type "C"	
203+70 to 205+07 Lt.			112.5 L.F.		Type "D" Type "C" B.C.T.	RM-1 = 1 Ea. RM-3 = 1 Ea.
207+78 to 212+40 Rt.	16 Ea.		437.5 L.F.		Type "C" B.C.T.	RM-1 = 3 Ea. RM-3 = 1 Ea.
210+00 to 212+75 Lt.	9 Ea.		275.0 L.F.		Type "D" Type "C"	RM-1 = 2 Ea.
216+63 to 221+25 Rt.	18 Ea.		437.5 L.F.		Type "C" B.C.T.	RM-1 = 3 Ea. RM-3 = 1 Ea.
217+68 to 221+55 Lt.	15 Ea.		387.5 L.F.		Type "D" Type "C" B.C.T.	RM-1 = 3 Ea.
217+20 to 217+37 Lt.		17.0 L.F.			Type "A"	RM-1 = 1 Ea.
228+13 to 229+75 Rt.			162.5 L.F.		Type "F"	
242+85 to 245+22 Rt.		62.5 L.F.	237.5 L.F.		Type "A" Type "D"	RM-1 = 1 Ea.
243+95 to 246+07 Rt. Lt.		62.5 L.F.	212.5 L.F.		B.C.T. Type "F" Type "A"	RM-1 = 1 Ea.
250+40 to 252+77 Rt.		62.5 L.F.	237.5 L.F.		Type "A" Type "D"	RM-1 = 1 Ea.

CONTINUE RIGHT

CONTINUED

Station [F12(12)]	Remove & Salvage Guide Post	Remove & Salvage Guard Rail	Guard Rail w/ Steel Post	Guard Rail w/ Steel Post w/ Kub Rail	Terminal Section	Delineator
250+80 to 253+17 Lt.		62.5 L.F.	237.5 L.F.		Type "D" Type "A"	RM-1 = 1 Ea.
259+40 to 260+72 Rt.		62.5 L.F.	100.0 L.F.	33.0 L.F.	Type "A"	RM-4 = 1 Ea.
259+72 to 260+67 Lt.			62.5 L.F.	33.0 L.F.	Type "D"	RM-4 = 1 Ea.
260+25 to 261+26 Rt.		31.3 L.F.		33.0 L.F.		RM-4 = 1 Ea.
260+20 to 262+20 Lt.		62.5 L.F.	100.0 L.F.	33.0 L.F.	Type "A"	RM-4 = 1 Ea.
262+20 to 263+75 Lt.			75.0 L.F.		Type "D"	
264+15 to 265+27 Lt.			112.5 L.F.		Type "A"	
[F12(17)]						
4+05 to 5+07 Lt.		12.5 L.F.				
18+40 to 19+10 Lt.			37.5 L.F.	33.0 L.F.	Type "F"	RM-4 = 1 Ea.
18+15 to 19+10 Rt.		50.0 L.F.	62.5 L.F.	33.0 L.F.	Type "C"	RM-4 = 1 Ea.
19+50 to 20+80 Lt.		62.5 L.F.	100.0 L.F.	33.0 L.F.	Type "A"	RM-4 = 1 Ea.
19+50 to 20+05 Rt.				33.0 L.F.	B.C.T.	RM-3 = 1 Ea. RM-4 = 1 Ea.
42+88 to 43+50 Lt.		25.0 L.F.	62.5 L.F.		Type "D"	
42+60 to 43+60 Rt.		37.5 L.F.	100.0 L.F.		B.C.T. Type "A"	
44+00 to 44+62 Rt.		25.0 L.F.	62.5 L.F.		Type "D"	
54+85 to 64+10 Lt.			925.0 L.F.		Type "D" Type "A"	RM-1 = 5 Ea.
55+15 to 64+65 Rt.			925.0 L.F.		B.C.T. Type "D"	RM-1 = 6 Ea. RM-3 = 1 Ea.

NOTE: All Terminal sections except B.C.T. lengths are included in "Guard Rail w/ Steel Post"

SUMMARY OF ADDITIONAL DELINEATORS TO BE INSTALLED AT EXISTING GUARD RAIL INDICATED TO REMAIN

Station [F12(12)]	Delineator
Sta. 195+00 - Sta. 198+50 Lt.	RM-1 = 2 Ea.
Sta. 195+00 - Sta. 199+25 Rt.	RM-1 = 2 Ea.
Sta. 202+20 - Sta. 204+70 Rt.	RM-1 = 2 Ea.
Sta. 261+30 - Sta. 265+50 Rt.	RM-1 = 4 Ea.
Sta. 264+25 Lt.	RM-1 = 1 Ea.
Station [F12(17)]	
Sta. 43+70 Lt.	RM-1 = 1 Ea.
Sta. 43+60 Rt.	RM-1 = 1 Ea.

NOTE:
See Plans for approximate location of new RM-1.
Exact location shall be determined in the field by the Engineer.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
GUARD RAIL AND SHOULDER IMPROVEMENTS
AT OMAO BRIDGE TO HULEIA BRIDGE & HANAMAULU
PROJ. NO. HWY-K-03-82

PLANS AND GUARD RAILS
& DELINEATOR SCHEDULE

Scale: As shown
Mar. 1982
SHEET NO. 1 OF 1 SHEETS