

GUARDRAIL AND END TREATMENT SCHEDULE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-99M	1999	20	55

FROM STATION	TO STATION	RIGHT	LEFT	REMOVE EXIST. END TREATMENT ** (NEAR-SIDE)	REMOVE EXIST. END TREATMENT ** (FAR-SIDE)	INSTALL NEW G.R. END TREATMENT (NEAR-SIDE) TYPE	INSTALL NEW G.R. END TREATMENT (FAR-SIDE) TYPE	INSTALL NEW G.R. END TREATMENT (L.F.) *
PROJECT NO. F-019-2(6)								
112+70	113+08	●		BCT		37.5	F-350	37.5
126+38	127+00	●		BCT	NONE	125	F-350	37.5
126+70	127+08	●		BCT		37.5	F-350	37.5
130+40	130+90	●			C	25		A
147+90	148+40	●		NONE		0	A	50
161+90	162+28	●		BCT		37.5	F-350	37.5
162+82	163+20	●			BCT	37.5		F-350
163+82	164+20	●			BCT	37.5	F-350	37.5
176+10	177+23	●		F		37.5	A	50
176+15	177+28	●		C		37.5	A	50
190+82	191+95	●			BCT	37.5		F-350
PROJECT NO. DF-019-2(5)								
208+25	208+75	●		BCT		25	MOD. G	0
239+25	241+75	●		NONE	NONE	50	A	50
252+76	253+80	●		NONE	NONE	25	A	50
252+76	253+80	●		NONE	NONE	0	A	50
254+75	256+13	●		NONE	NONE	37.5	BRIDGE	43
254+75	256+13	●		NONE	NONE	37.5	BRIDGE	43
267+05	270+30	●		NONE	NONE	75	A	50
268+25	268+63	●		BCT		37.5	F-350	37.5
282+12	282+50	●			BCT	37.5		F-350
296+50	296+88	●			BCT	37.5	F-350	37.5
313+29	314+47	●		NONE	NONE	0	A	50
313+54	314+47	●		NONE	NONE	0	A	50
316+38	317+81	●		NONE	NONE	50	BRIDGE	43
316+38	317+81	●		NONE	NONE	50	BRIDGE	43
PROJECT NO. SDR 3(6)								
6+90	7+00	●		MOD. G		12.5	MOD. G	0
TOTALS						937.5	F-350 (21) A (8)	675

* - LENGTH INCLUDED IN PAY LIMITS FOR END TREATMENT AND/OR END POST UPGRADE WITH THREE BEAM TRANSITION

** - REMOVAL SHALL BE CONSIDERED INCIDENTAL TO GUARDRAIL END TREATMENT

NOTES:

1. FLEAT-350 ABBREVIATED AND SHOWN AS F-350

2. BRIDGE INDICATES WHERE END POST UPGRADE (18 LF) TO BE INSTALLED WITH TYPE 3 THREE BEAM TRANSITION (25 LF). SEE END POST UPGRADE DETAILS.

RESET GUARDRAIL LOCATIONS: Sta. 10+00 Rt. to 10+40 Rt. and Sta. 274+15 Lt. to Sta. 282+00 Lt.

REVISED GUARDRAIL AND END TREATMENT SCHEDULE

FROM STATION (Honokaa)	TO STATION (Paauilo)	LEFT (ft)	RIGHT (ft)	REMOVE EXIST. G.R. END TREATMENT** (Near Side) (Far Side)	REMOVE EXIST. GUARDRAIL (L.F.)	INSTALL NEW G.R. END TREATMENT NEAR SIDE TYPE	INSTALL NEW G.R. END TREATMENT FAR SIDE TYPE	INSTALL NEW GUARDRAIL (L.F.)
PROJECT NO. F-019-2(6)								
112+56	113+06	●		BCT(37.5)		F-350	37.5	12.5
125+25	126+00	●				F-350	37.5	MOD. G
126+38	127+63	●			125	MOD. G		F-350
125+15	127+15	●		BCT(37.5)	12.5	F-350	37.5	162.5
147+75	149+22	●				A	50	MOD. G
161+90	162+28	●		BCT(37.5)		F-350	37.5	
162+92	163+30	●		BCT(37.5)			F-350	37.5
163+77	164+15	●		BCT(37.5)			F-350	37.5
176+60	177+23	●		F	50	A	50	12.5
176+80	177+30	●		C	37.5	A	50	
190+75	191+95	●		BCT(37.5)	12.5		F-350	37.5
PROJECT NO. F-019-2(5)								
208+30	208+68	●		G	25	MOD. G		37.5
239+65	241+40	●			137.5	A	50	A
252+77	253+80	●			25	A	50	BRIDGE
252+77	253+80	●				A	50	BRIDGE
254+75	255+56	●				BRIDGE	43	F-350
254+75	255+56	●			37.5	BRIDGE	43	F-350
266+30	270+30	●			75	A	50	A
268+15	268+53	●		BCT(37.5)		F-350	37.5	
282+00	282+50	●		G	50		MOD. G	50
296+50	297+00	●		G	50	F-350	37.5	12.5
313+51	314+47	●			12.5	A	50	BRIDGE
313+51	314+47	●				A	50	BRIDGE
316+38	317+31	●			50	BRIDGE	43	A
316+38	317+31	●				BRIDGE	43	A
351+10	355+50	●				MOD. G	MOD. G	392.5
PROJECT NO. SDR 3(6)								
1+95	2+95	●				MOD. G		MOD. G
6+90	7+00	●			12.5	MOD. G		MOD. G
TOTALS					712.5	6'-F350 8'-A 5'-MOD. G	847	6'-F350 4'-A 5'-MOD. G



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL SCHEDULES

HAWAII BELT ROAD RESURFACING
Vicinity of Kahawailiili Bridge to East Paauilo Bridge
Project No. 19C-01-99M

Scale: None Date: May, 1999

SHEET No. 1 OF 1 SHEETS

"AS-BUILT"