

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-92M	1992	11	18

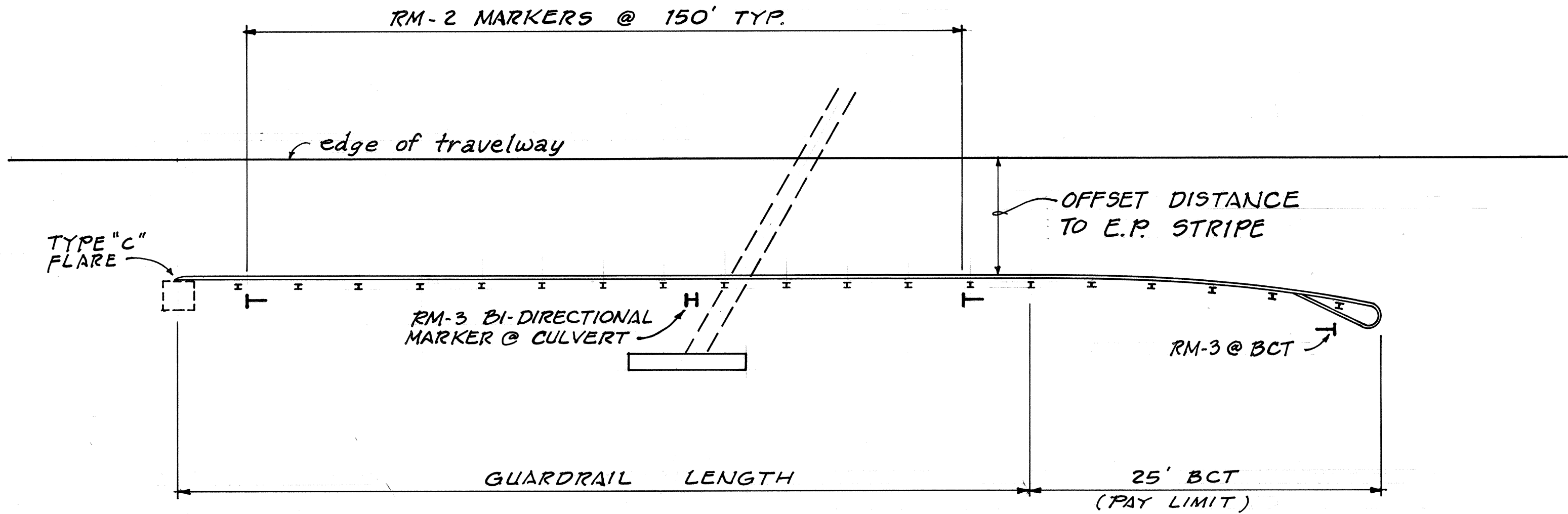
GUARDRAIL & REFLECTOR MARKER SCHEDULE												
STATION		LEFT	RIGHT	LENGTH (L.F.)	* OFFSET TO E.P.	END TREATMENT		MARKERS WITH STEEL POSTS (EACH)				REMARKS
FROM	TO					LEAD	TRAIL	RM-2	RM-3	TYPE II**	RM-3(BI-DIR)	
100+50	101+ 75 37.5	●		125 87.5	12'	C	F				1	
100+ 75 61	101+ 75 61		●	50	12'	25' BCT	25' BCT	1	2		1	
104+10	104+85		●	25	12	25' BCT	25' BCT		2		1	
104+65	106+75	●								2-1		Exist culvert inlet
104+00				700								
106+00	111+50		●	500	12'	25' BCT	25' BCT	4-6	2		2-1	
106+50	107+25	●								2-1	1	Exist culvert inlet
109+10	110			175								
108+25	111+ 00	●		250	12'	C	25' BCT	2	1		1	
137+00	138+00		●	50	12'	25' BCT	25' BCT	1	2		1	
137+ 25	138+ 25	●		50	12'	25' BCT	25' BCT		2		1	
22.5	22.5											
TOTALS				1,050		11 BCT'S		12 10	11 9	4-2	8	

GUARDRAIL NOTES:

1. Provide guardrail stiffening at obstruction locations (utility poles) as deemed necessary by the Engineer. Details shall conform with Standard Plan TE-54. Additional work shall be paid for under contract change order.
2. Exact limits and locations of guardrails shall be determined in the field by the Engineer.
3. During guardrail installation, exposed ends and exposed steel posts shall be considered traffic obstacles. Mitigation measures for such obstacles shall be submitted to the Engineer for approval.

NOTE :

1. Exact limits and locations of guardrails shall be determined in the field by the Engineer.
- * 2. Length does not include BCT pay limit.
- ** 3. Install at culvert headwalls.
4. Temporary guardrails shall be paid for separately as indicated on Sheet No. 13.



TYPICAL GUARDRAIL & MARKER INSTALLATION
NOT TO SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL NOTES AND
REFLECTOR MARKER SCHEDULE

KAWAIHAE ROAD
CULVERT EXTENSIONS
PROJECT NO. 19D-01-92M

Scale: As Noted Date: Apr. 1992

SHEET No. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	