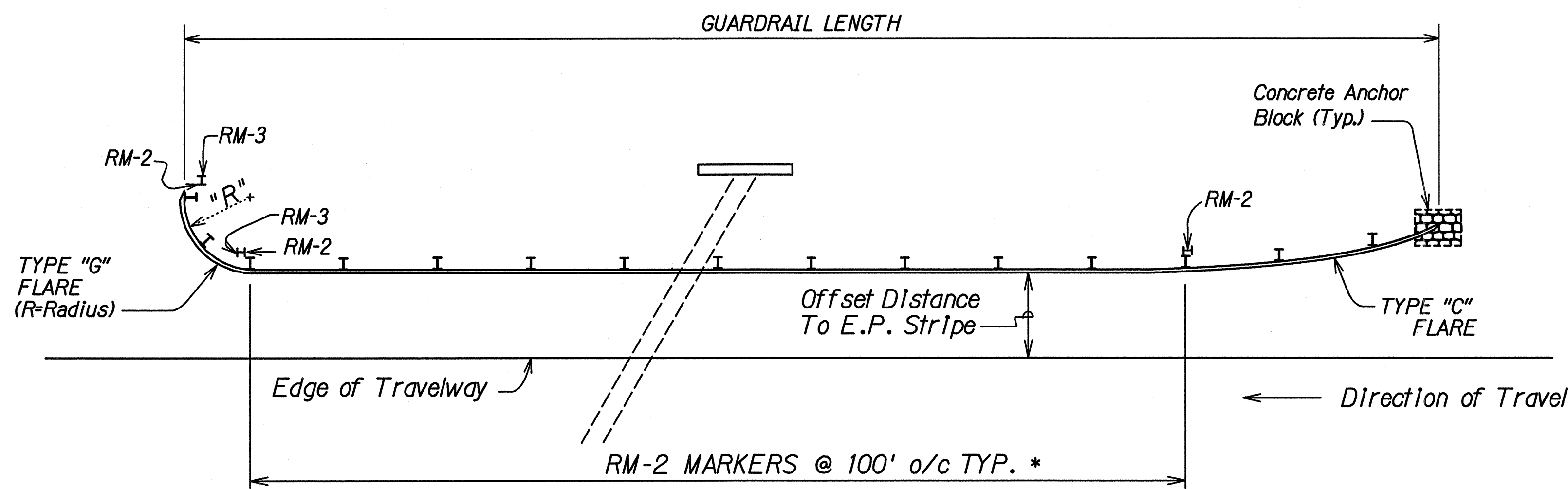


TYPICAL @ "F" END TREATMENT



TYPICAL @ "G" & "C" END TREATMENT

NOTE:

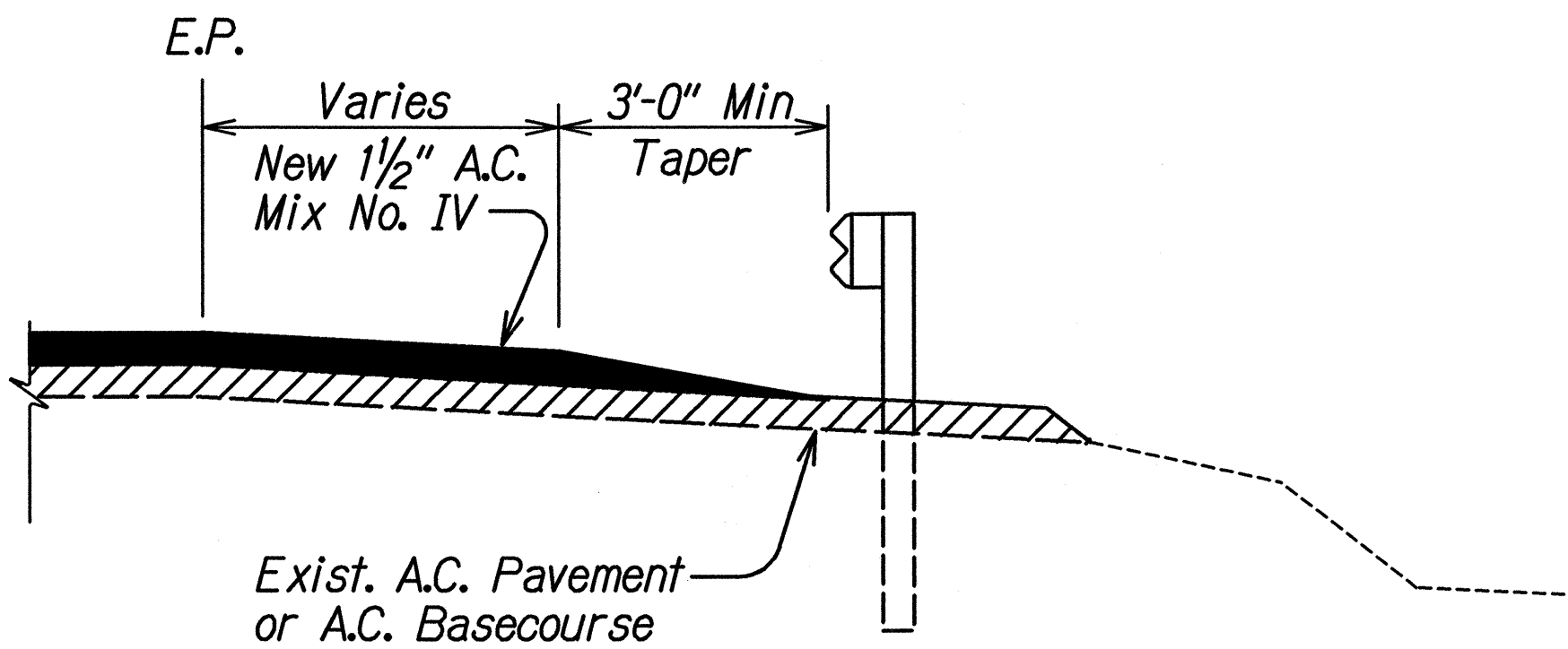
* Exact location of Reflector Markers shall be determined in the field by the Engineer.

TYPICAL REFLECTOR MARKER INSTALLATION AT GUARDRAILS

Not To Scale

NOTES:

1. For new guardrail layouts see plan sheets 28-30 and 32.
2. All guardrail rail elements shall be 12.5 feet long unless otherwise specified on the plans.
3. Linear feet of guardrail length shown on plan sheets.
4. Stainless steel fasteners shall be used for all RM installations.
5. Reflector markers located behind guardrail shall be installed with steelposts. At all other locations reflector markers with flexible delineator posts shall be installed. Exact locations to be determined by the Engineer.
6. The Engineer shall modify guardrail design to fit existing field conditions.
7. Actual guardrail locations and radii shall be verified in the field by the Contractor and approved by the Engineer prior to the ordering of materials. Curved guardrail sections shall be ordered in a timely manner to allow project completion within the contract time period.



TYPICAL GUARDRAIL DETAIL
Not To Scale

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
REVISIONS	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GUARDRAIL DETAILS
NOTES

HAWAII BELT ROAD VICINITY OF PARK
H.Q. ENTRANCE & VICINITY OF PAHALA
PROJECT NO. 11HKL-01-97M
Scale: N.T.S. Date: April, 1997
SHEET No. 1 OF 1 SHEETS