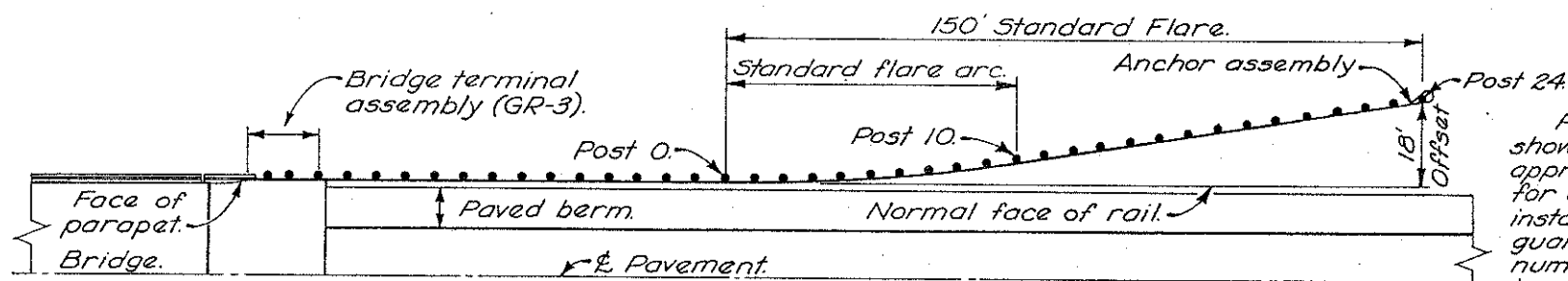


Post No. (6'-3" 9%)	Offset
0	0.00
1	.05'
2	.19'
3	.43'
4	.76'
5	1.19'
6	1.71'
7	2.33'
8	3.04'
9	3.84'
10	4.74'



ROADSIDE APPROACH
(With 30' benched shoulder).

Post arrangements shown in the roadside approach are designed for application to Type 5 installations. For Type 7 guardrail omit odd numbered posts except in anchor assembly and transition.

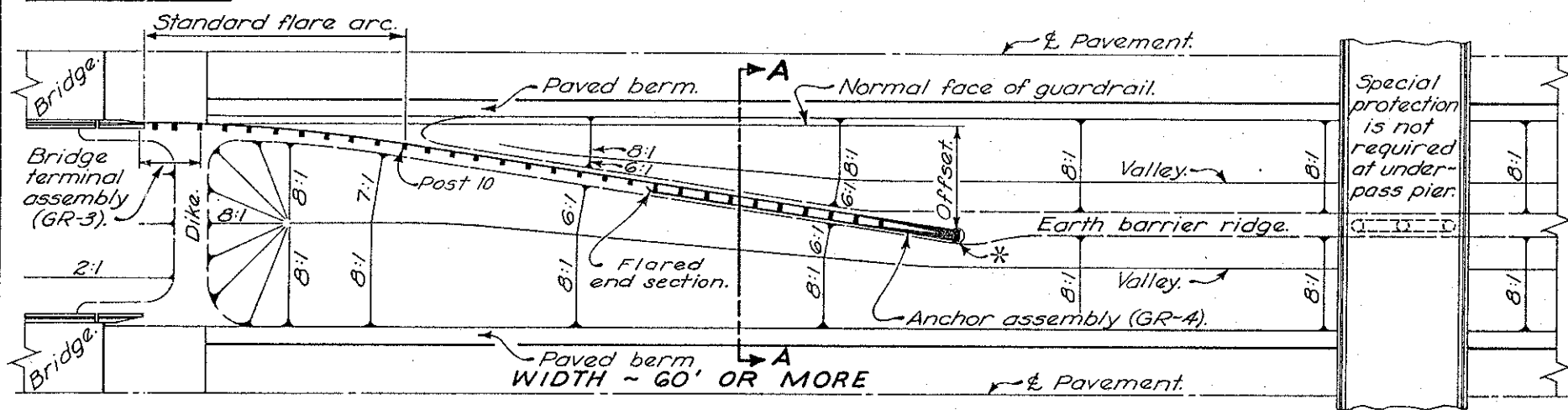
NOTES

MEDIAN SLOPES: For 50' wide medians, backslopes shall be 4:1 and inslopes shall be 6:1. For 40' wide medians both backslopes and inslopes shall be 4:1.

When median slopes away from the bridge, the transverse slope shall be flattened in order to eliminate the need for a catch basin.

Type 5 guardrail and barrier rail shall be used for all median installations.

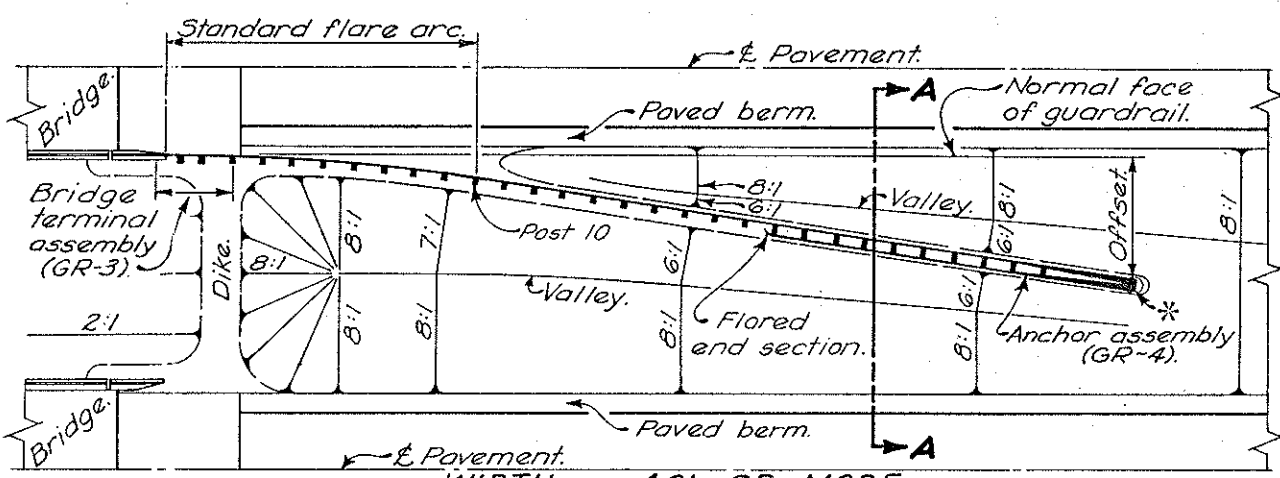
FLARE: The 150' roadside flare shown hereon is for use on a 30' benched shoulder, the actual flare specified in the plans may be different.



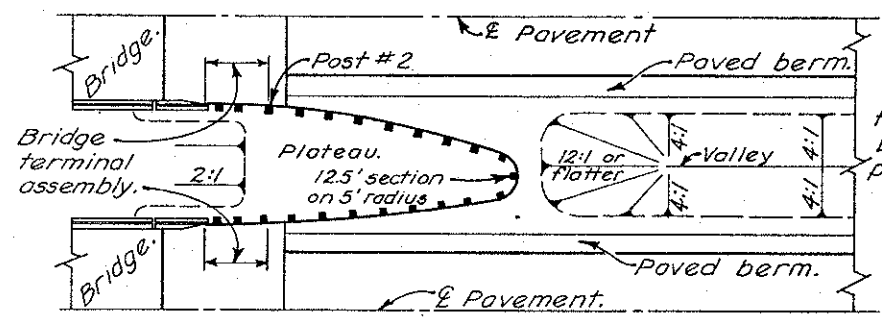
EARTH BARRIER MEDIAN
WIDTH ~ 60' OR MORE

** Measured along face of rail to post-bolt hole. Barrier rail length indicated includes anchor assembly.

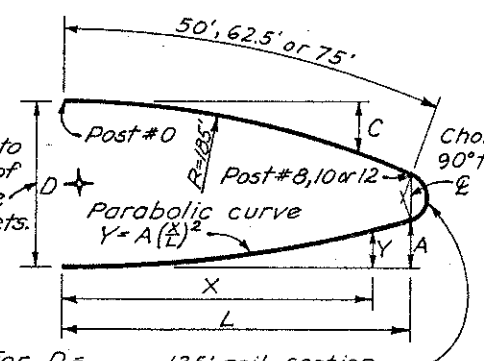
Median Width	TERMINAL POST OFFSET & RAIL LENGTHS REQUIRED FOR VARIOUS MEDIAN WIDTHS	
	* Terminal Post No.	** Length Standard rail / Barrier rail
40'	20	87.50' / 37.50'
50'	26	112.50' / 50.00'
55'	28	112.50' / 62.50'
60'	32	125.00' / 75.00'
84'	44	175.00' / 100.00'



DEPRESSED MEDIAN
WIDTH ~ 40' OR MORE



DEPRESSED MEDIAN
WIDTH ~ 39' OR LESS

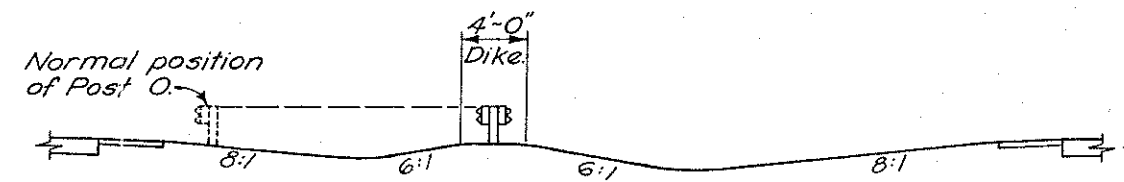


* For D = 13.5' to 16.9' use Design A on GR-6A.

12.5' rail section on 5' radius (GR-6A).

GUARDRAIL LAYOUT FOR MEDIANS 39' OR LESS WIDE

Post No. (6'-3" 9%)	C (ft)	D (ft)
0	0.00	
1	0.11	
2	0.42	
3	0.95	
4	1.69	
5	2.63	
6	3.79	
7	5.15	
8	6.72	17-23
9	8.49	
10	10.46	23-29
11	12.63	
12	15.00	29-35



Elevation of the top of rail at any point "X" shall be the same distance above the edge of pavement opposite point "X" as the top of rail at post "0" is above the edge of pavement at that point. Elevation of the top of dike shall be 27" below the top of rail at any point on the flare.

SECTION A-A

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF TRANSPORTATION

GUARDRAIL AT BRIDGES

STANDARD CONSTRUCTION DRAWING **GR-6**

APPROVED _____ ENGR. L. & D.

DATE
2-15-66
7-15-66
1-1-71
2-5-82