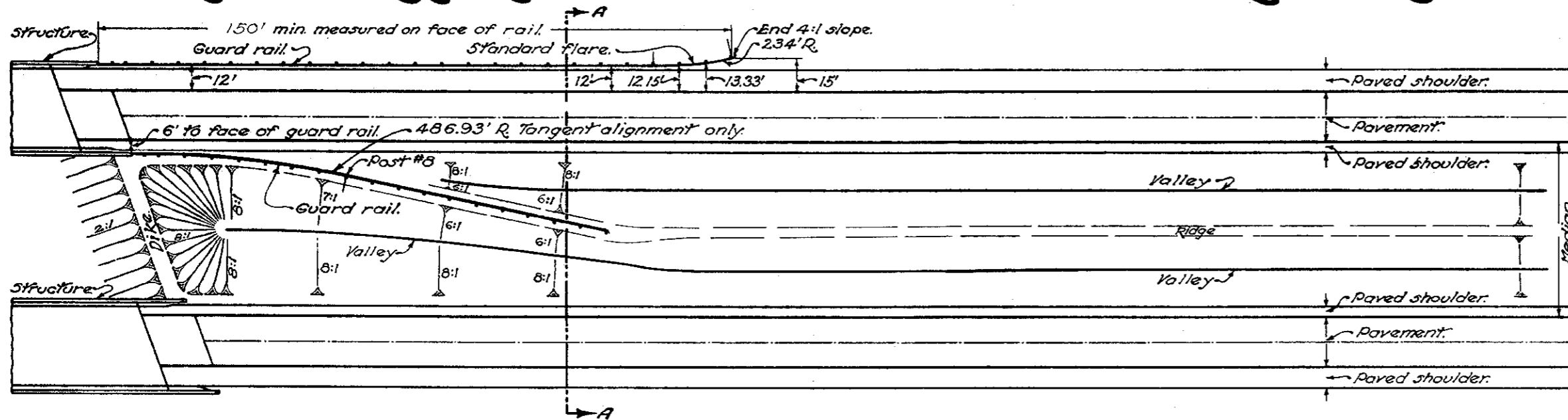
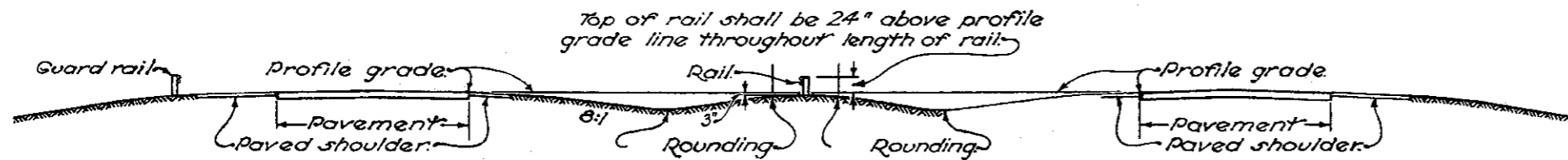


# GUARD RAIL PROTECTION

## EARTH BARRIER TYPE MEDIAN AT TWIN STRUCTURES



PLAN



SECTION A-A

DISTANCE BETWEEN EDGE OF PAVEMENT AND FACE OF GUARD RAIL			
POST	OFFSET	POST	OFFSET
1/2	6.04	13	28.97
1	6.16	14	31.52
2	6.64	15	34.07
3	7.44	16	36.62
4	8.57	17	39.16
5	10.01	18	41.71
6	11.77		
7	13.84		
8	16.23		
9	18.78		
10	21.33		
11	23.87		
12	26.42		

TERMINAL POST OFFSET AND RAIL LENGTH REQUIRED FOR VARIOUS MEDIAN WIDTHS				
MEDIAN WIDTH	TERMINAL POST NO.	OFFSET	LENGTH OF GUARD RAIL	LENGTH OF BARRIER RAIL
84	18	41.71	225.0	NONE
60	13	28.97	162.5	NONE
55	12	26.42	150.0	NONE

### NOTES

**GENERAL:**— Design details shown hereon shall govern the construction of guard rail at structures unless otherwise shown on the plans.

**DIKE** shall be provided at each end of each pair of structures.

**OFFSETS** for guard rail are based on the use of 6 ft. offset to median parapet and 15 ft. width outside shoulder. If other shoulder widths are used, the offsets shall be adjusted accordingly.

**ELEVATION** of crest of ridge shall change from normal height to height at terminal post within 10 lineal feet.

BUREAU OF LOCATION AND DESIGN  
OHIO DEPARTMENT OF HIGHWAYS

# GUARD RAIL

DATE  
2-1-63

STANDARD CONSTRUCTION DRAWING  
I-15  
NO. 5-A  
APPROVED *[Signature]* ENGR. L. & D.