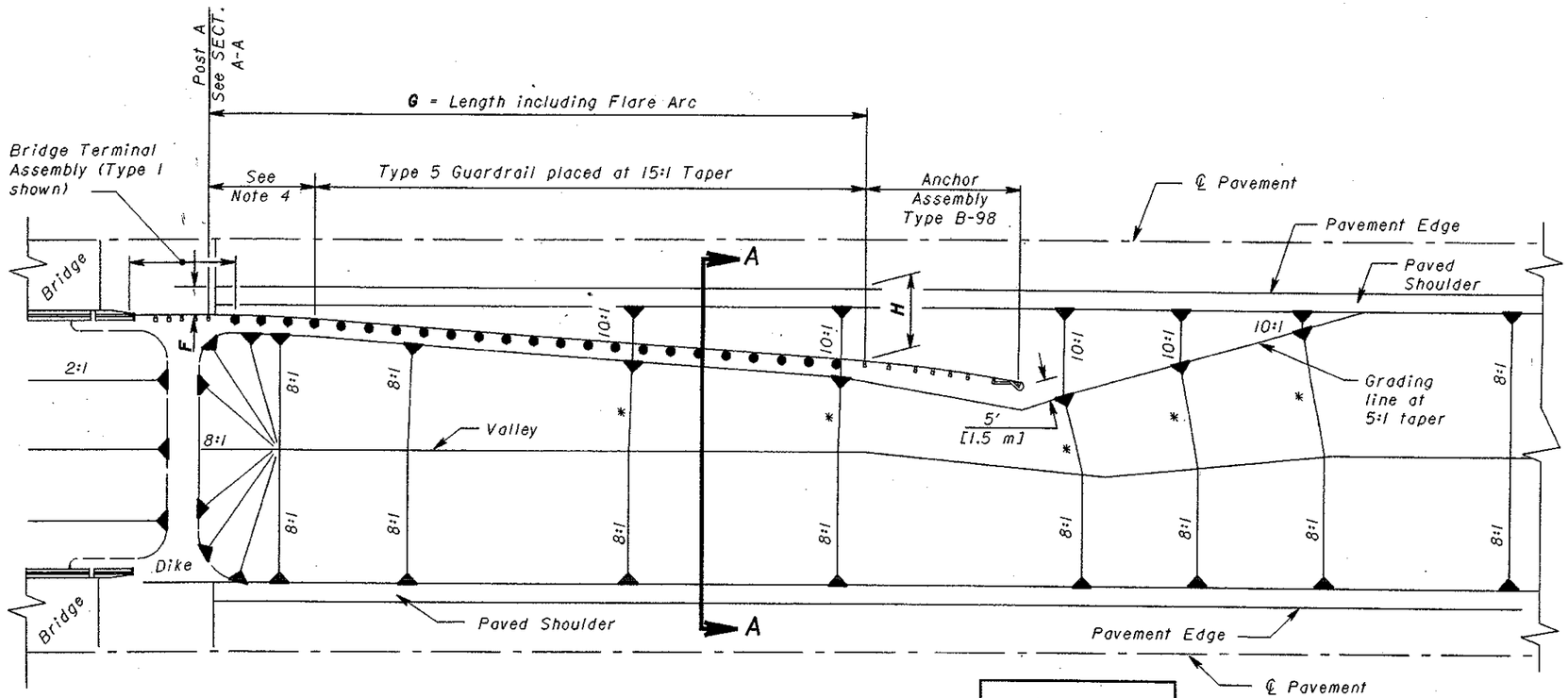
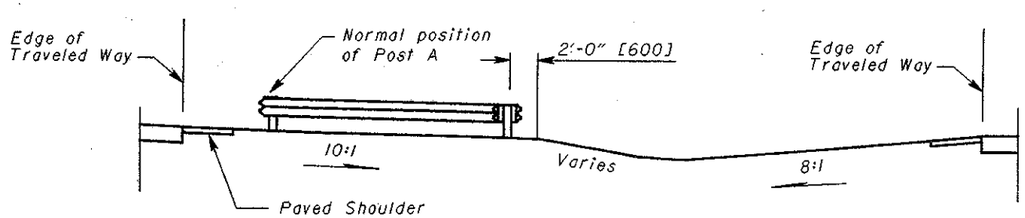


* Slope Varies

DESIGN B

Wide Median (See NOTE 3 on Sheet 1)

INTRODUCED GUARDRAIL APPROACH INSTALLATIONS



SECTION A-A

RECOMMENDED LENGTHS(1) FOR GUARDRAIL FLARES AT BRIDGE APPROACHES(2)

English (ft)			Metric (m)		
F Guardrail Offset at Bridge	G Length of Need (3)	H Offset at End of Run	F Guardrail Offset at Bridge	G Length of Need (3)	H Offset at End of Run
4	212.5	17.3	1.2	64.77	5.26
6	200.0	18.4	1.8	60.96	5.61
8	175.0	18.7	2.4	53.34	5.70
10	162.5	19.8	3.0	49.53	6.05
12	150.0	21.0	3.6	45.72	6.39
14	137.5	22.1	4.2	41.91	6.74
16	125.0	23.3	4.8	38.10	7.09

1 Including the 25'-0" [7.62 m] Standard Flare Arc coming off the Bridge, but excluding the Anchor Assembly/Attenuator device.

2 For use with a DESIGN "B" Median (see this sheet) or on the outside Shoulder approach to the Bridge.

3 Lengths are based on using whole numbers of Guardrail panels (12'-6" [3.81 m] long).

THIS DRAWING REPLACES GR-6.1M DATED 1-3-96.

OHIO DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN ENGINEER
4-18-03
DATE

STDS. ENGR.
D. Focke

All metric dimensions (in brackets [ ]) are in millimeters unless otherwise noted.

ROADWAY ENGINEERING SERVICES

STANDARD ROADWAY CONSTRUCTION DRAWING
GUARDRAIL AT BRIDGES

NUMBER
GR-6.1

2/2