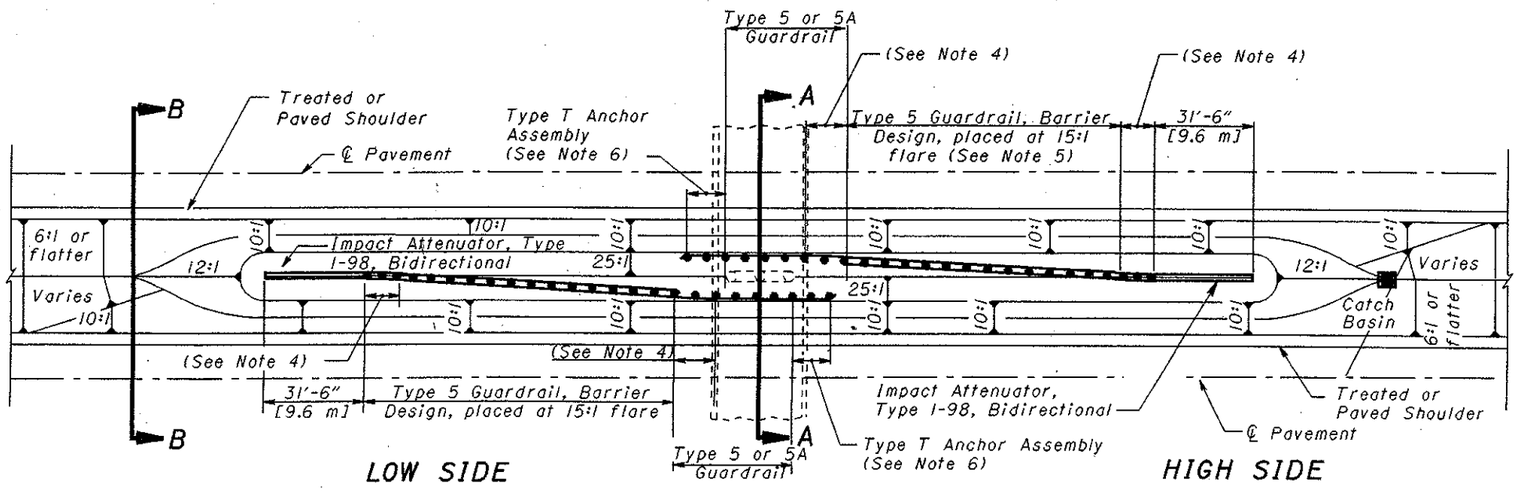
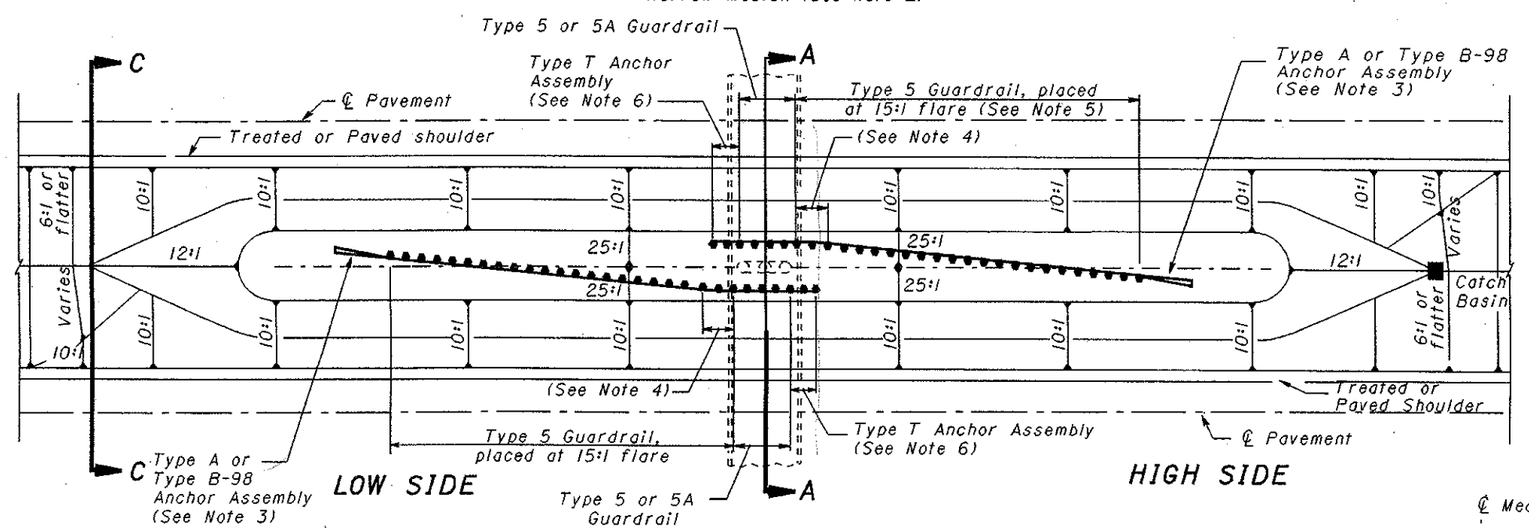


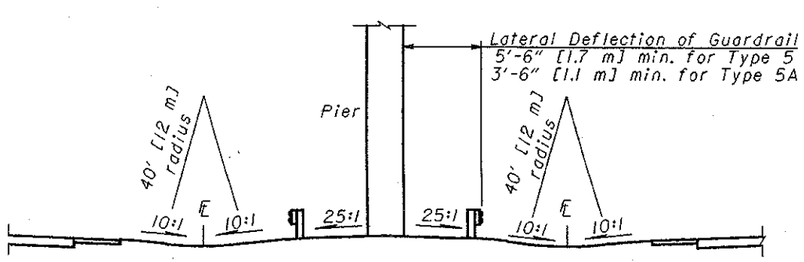
DESIGN A

Narrow Median (See Note 2)

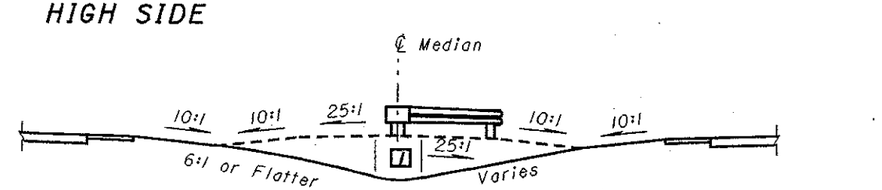


DESIGN B

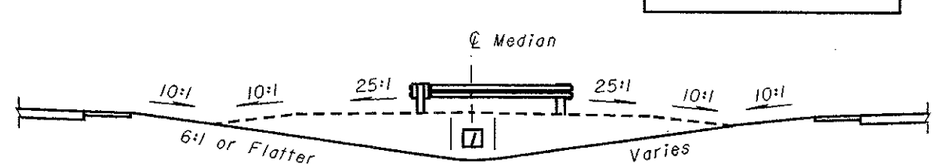
Wide Median (See Note 3)



SECTION A-A



VIEW B-B



VIEW C-C

NOTES

1) The length of guardrail needed shall be determined according to methods contained in the **Location & Design Manual, Volume 1, Section 602.**

2) Use **DESIGN "A"** in the narrow Medians where the end of the guardrail run extends into the Clear Zone of the opposite side of traffic.

In Medians where the guardrail run would otherwise extend beyond the centerline of the median, the guardrail run should be turned to follow the centerline using a standard flare arc. The plans shall clearly indicate what portion of the flared guardrail run is to be constructed using barrier guardrail.

3) Use **DESIGN "B"** where the end of the guardrail run shielding the piers lies outside the clear zone of the opposite side of traffic.

Use a Type A Anchor Assembly (see **SCD GR-4.1**) when the end of the guardrail run is also outside the Clear Zone of the approaching traffic. Where the end is inside the Clear Zone of the approaching traffic, use a Type B-98 Anchor Assembly.

4) Use a 25'-0" [7.62 m] Standard Flare Arc as per **SCD GR-5.1.**

5) Provide 10:1 or flatter cross-slopes in front of guardrail. Other slopes are shown in the median to suggest a grading and drainage plan, however for complete details see the construction plans.

6) Install Type T Anchor Assemblies (see **SCD GR-4.2**) on the trailing ends of the guardrail beyond the bridge piers (downstream from traffic flow.)

7) The "HIGH SIDE" and "LOW SIDE" designations are shown in reference to the drainage design and are dependent upon the longitudinal slope of the median.

THIS DRAWING REPLACES GR-6.2M 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

MEDIAN GUARDRAIL AT PIERS

NUMBER
GR-6.2

1 / 1