



CUY-90-14.90

PID 77332/85531

APPENDIX DR-12

**GCRTA Aerial Crossing Requirements
(Contract Document)**

State of Ohio
Department of Transportation
Jolene M. Molitoris, Director

**Innerbelt Bridge
Construction Contract Group 1 (CCG1)**

Aerial Crossing Requirements

- A. The crossing (including casing pipe and any other obstruction, including support structure elements) shall meet the same clearance requirements as the E.9th Street roadway bridge over GCRTA.
- B. The crossing shall consist of a carrying pipe encased in a casing pipe at least 6 inches larger in diameter than the carrying pipe.
- C. All joints on both the carrying pipe and the casing pipe shall be premium joints (watertight).
- D. Expansion joints shall be included as appropriate.
- E. A vault shall be installed at each end of the aerial crossing for maintenance and inspection.
- F. The carrying pipe and the casing pipe shall be galvanized (all surfaces, inside and out) steel with welded joints and with a minimum thickness of ¼ inch (thickness to be determined by DB Designer).
- G. The crossing shall not have piers located between the retaining walls adjacent to the GCRTA tracks.