NOTES:

1. The expansion/deflection fitting (NEMA 4 rating) shall consist of iron or bronze end couplings in a heavy duty neoprene sleeve held in place by stainless steel bands. A copper braid bonding jumper shall be installed inside the sleeve between the end couplings for grounding continuity.

2. At the end of the abutment, place conduit in concrete with threads only exposed, compact backfill up to level of conduit; then attach expansion/deflection fitting along with remaining conduit and complete compaction of backfill.

3. If no other pulling capability is located near the end of the bridge, an internal-flange junction box meeting CMS 725.10 and a minimum length of 5 conduit diameters shall be installed.

CONDUIT DETAILS FOR INTEGRAL AND SEMI-INTEGRAL BRIDGES

SECTION A-A  
SECTION B-B  
SECTION C-C  
SECTION D-D  
DETAIL "A"