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 braided 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 removing 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. Spacing of junction boxes is determined by the bridge detailer and should be shown on those drawings. Adjacent junction boxes are placed no closer than 8 feet C-C unless shown in the Plans. If not shown in the plans, maximum spacing of junction boxes is 200 feet for lighting and 100 feet for other utilities.

4. Unless specified otherwise in the Plans, exposed conduit under bridge decks is 2-inch SCH 40 galvanized.