CONDUIT ON STRUCTURE

Expansion Fittings for Conduit on Structure
Shall be OZ (Type AX), Spring City (Type AF),
or Crouse-Hinds (Type XD-4) or Approved Equal.
Each Expansion fitting shall have a Copper
External Bonding Jumper.

External Bonding Jumper.
Each Expansion Fitting shall have a Copper
or Crouse-Hinds (Type XJ-4) or Approved Equal.
Shall be OZ (Type AX), Spring City (Type AF),
Expansion Fittings for Conduit on Structure

Bridge Parapet

Plan View

Elevation View

Typical Surveillance Conduit
Treatment at End of Bridge Parapet

Direction of Traffic

Cap for Future Use

4" Lighting Raceway

Section A-A

Bridge Pier Riser
**Concrete Pavement**

- Dowel Cover: 4" Min.
- Do not place dowels closer than 4" to any conduit.
- 3" Vertical Spacing for Dowel Bars.
- See Construction Joints Note Below for Doweling Requirements.
- 4" Lighting Conduit, 725.051, EPC-40
- 4" Multicell ITS Conduit, 725.20, EPC-40

**Asphalt Pavement**

- Dowel Cover: 4" Min.
- Do not place dowels closer than 4" to any conduit.
- 3" Vertical Spacing for Dowel Bars.
- See Construction Joints Note Below for Doweling Requirements.
- 4" Lighting Conduit, 725.051, EPC-40
- 4" Multicell ITS Conduit, 725.20, EPC-40

**AGGREGATE BASE (CONCRETE PAVEMENT) OR ASPHALT INTERMEDIATE COURSE**

- Dowel Cover: 4" Min.
- Do not place dowels closer than 4" to any conduit.
- 3" Vertical Spacing for Dowel Bars.
- See Construction Joints Note Below for Doweling Requirements.
- 4" Lighting Conduit, 725.051, EPC-40
- 4" Multicell ITS Conduit, 725.20, EPC-40

**Raceway and Dowel Bar Placement**

- Raceway and Dowel Bar Placement (Not to Scale)

**CONDUIT TRANSITION TO MEDIAN JUNCTION BOX**

- (Not to Scale)

**Asphalt Intermediate Course**

- Surface Course
- Aggregate Base

**Asphalt Pavement**

- Surface Course
- Aggregate Base

**Concrete Pavement**

- Surface Course
- Aggregate Base

**Construction Joints**

- Barrier runs with abutting vertical surfaces at either required or permissible conditions on joints to be grouted to each other by use of 3/4" GC. By use of 3/4" GC.

**Raceways Locate**

- As shown unless otherwise directed by the engineer.

**Electrical Raceway**

- Clear of obstructions.

**Raceways Laterals**

- 4" Multicell, 725.20, Schedule 40

**Raceway and Dowel Bar Placement**

- Dowel Bar (Typ.)

**Median Pullbox and Conduit**

- (Not to Scale)