### CONSTRUCTION NOTES:

**Cap Fabrication:**
- In accordance with Item 425, "Precast Prestressed Concrete Structural Members.

**Steel Pipe:**
- Secure corrugated metal pipe to prevent their movement during concrete placement. Location tolerances of pipes is 1/2" from plan location, transversely and longitudinally. Seal pipes to prevent intrusion of concrete.

**Location of Cap:**
- Locate the cap and pier locations.

**Joint Construction:**
- Use Type VPI epoxy mortar. See Interior Bents sheet, Bearing Seat Detail for slope.

**Hollow Section:**
- Use a minimum of 2 hours for placement of plastic sheets or friction collars and cap placement.

**Concrete:**
- Use trial batches of concrete fill to the same levels required for the actual concrete fill depth.

**Precautions:**
- Cap-to-Column Connection:
  - Cap-to-Column: A cap-to-column connection that must demonstrate the ability of the cap to transfer a connection force to the column. In the presence of the Engineer, use trial batches of concrete to fill the connection.

**Reinforcement:**
- Provide Class "C" or "S" concrete for cap-to-column connection concrete fill.

**Bearing Pad:**
- Reinforce bearing pads with concrete fill.

**Temporary Pad:**
- Provide temporary pads to support the cap at the proper elevation prior to concrete fill depth.

**Cap Placement:**
- Caps may be placed on columns/drilled shafts after column/drilled shaft concrete has achieved the trial batch of concrete fill to the same levels required for the actual concrete fill depth.

**Contractor:**
- Contractor to provide a connection free of voids. In the presence of the Engineer, use trial batches of concrete fill to the same levels required for the actual concrete fill depth.

**Shims:**
- Use shims or friction collars and cap placement.

**Precautions:**
- Cap-to-Column Connection:
  - Cap-to-Column: A cap-to-column connection that must demonstrate the ability of the cap to transfer a connection force to the column. In the presence of the Engineer, use trial batches of concrete to fill the connection.