**LUMINAIRE ANCHORAGE DETAILS**

- **Traffic Barrier - Single Slope**

**Notes:**

1. Install all conduit runs so they drain to a bridge end or provide drain at all low points within conduit run. See traffic barrier sheets for barrier dimensions.

2. Chip or form face of barrier flush under support elbow base plate. Apply epoxy bonding agent to surface to assure uniform bearing surface. See standard specification section 9-20.1.


**Elevation Profile**

- Luminaire support shown for bridge, walls are similar.

**Plan**

- 2" conduit

**Section A**

- See traffic barrier sheets for information not shown.

**LUMINAIRE POLE LOCATIONS ON BRIDGE & WALLS**

<table>
<thead>
<tr>
<th>Offset</th>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
</tr>
</tbody>
</table>

**Anchor Plate**

- Galvanize per AASHTO M 111

**Elevation**

- Conduit per wiring schedule for size.

**Anchorage Barlist**

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Bend Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1'-0&quot;</td>
<td>STRAIGHT</td>
</tr>
<tr>
<td>0</td>
<td>6½&quot;</td>
<td>STRAIGHT</td>
</tr>
</tbody>
</table>

**Notes:**

- 1"Ø hole for support elbow.

**Conduit Pipe**

- USE POLYETHYLENE OR COPPER DRAIN PIPE.

**Junction Box**

- TOP OF BRIDGE DECK

**Lighting Bracket**

- SUPPORT ELBOW BASE PLATE

**J-Box**

- TOP OF BRIDGE DECK

**Anchor Bars**

- A1 #6

**Anchor Plate**

- 1½" x 1½" x 1'-1"

**Face of Barrier**

- 8" x 8" x 1'-6"

**LUMINAIRE POLE LOCATIONS**

- SEE TRAFFIC BARRIER SHEETS FOR INFORMATION NOT SHOWN.

**Junction Box & Pull Box**

- 8" x 8" x 1'-0"

**Traffic Barrier**

- FACE OF BARRIER

**Junction Box & Pull Box**

- TOP OF BRIDGE DECK

**LUMINAIRE POLE**

- 2" CONDUIT