**PLAN**  
(Rails, Posts & Reinforcing Steel not shown for clarity)

**ELEVATION OF INSIDE FACE OF RAILING**  
(Reinforcing Steel not shown for clarity)

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**PEDESTRIAN/BICYCLE RAILING NOTES:**

**CONCRETE PARAPET:** Concrete parapet shall be placed vertical and top surface shall be level transversely.

**RAIL AND POST DETAILS:** For Rail, Post, Rail Splice/Expansion Assembly fabrication and installation details see Index 515-022.

**BRIDGE FENCING:** For Bridge Fencing see Index 550-010 thru 550-013 in lieu of Posts and Rails on Index 515-022.

**PAYMENT:** Concrete parapet shall be paid for under the contract unit price for 27" Concrete Parapet (Pedestrian/Bicycle), LF, and Rails shall be paid for under Bullet Railings, LF.

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**SECTION A-A**  
(Typical Section Thru Bridge Deck Shown, Section Thru Approach Slab Similar)  
Bars P1 shown, Bars P2 similar
**CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS**

<table>
<thead>
<tr>
<th>MARK</th>
<th>SIZE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>4</td>
<td>5'-6&quot;</td>
</tr>
<tr>
<td>P2</td>
<td>4</td>
<td>6'-3&quot;</td>
</tr>
<tr>
<td>S</td>
<td>4</td>
<td>As Req%</td>
</tr>
</tbody>
</table>

**BILL OF REINFORCING STEEL**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UNIT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>CY/FT</td>
<td>0.056</td>
</tr>
<tr>
<td>Reinforcing Steel (P1 &amp; S)</td>
<td>LB/FT</td>
<td>6.35</td>
</tr>
<tr>
<td>Reinforcing Steel (P2 &amp; S)</td>
<td>LB/FT</td>
<td>6.68</td>
</tr>
</tbody>
</table>

(The above quantities are based on a deck with a 2% cross slope)

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**REINFORCING STEEL NOTES:**

1. All bar dimensions in the bending diagrams are out to out.
2. The reinforcement for the parapet on a retaining wall shall be the same as detailed above for a 8" deck.
3. All reinforcing steel at the open joints shall have a 2" minimum cover.
4. Bars 4S may be continuous or spliced at the construction joints. Bar splices for Bars 4S shall be a minimum of 1'-8".
5. Bars 4P2 may be used in lieu of Bars 4P1.
6. At the option of the Contractor deformed WWR may be used in lieu of all Bars 4P or 4P2 and 4S.

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**ALT REINFORCING (WELDED WIRE REINF.) DETAILS**

NOTE: Place wire panels to minimize the end overhang. End Overhangs greater than 4 3/4" are not permitted.

**SPICE DETAIL**

**WELDED WIRE REINFORCEMENT (WWR)**

1'-9" Min. Lap

D19.7 (Vertical) (Typ.)

D19.7 (Horizontal) (Typ.)

**D19.7 (Lap Splice Each Longitudinal Wire)**

**MARK SIZE LENGTH**

BAR 4P1

BAR 4P2

As Req%

BAR 4S

**INTERMEDIATE JOINT SEAL NOTE:**

1. At Intermediate Open Joints, seal the lower 6" portion of the open joint with Pre-cured Silicone Sealant meeting the requirements of Specification Section 932.
2. Apply sealant prior to any Class V finish coating and remove all curing compound and loose material from the surface prior to application of bonding agent.
3. The cost of the Pre-cured Silicone Sealant shall be included in the Contract Unit Price for the Concrete Parapet.

**PRE-CURED SILICONE SEALANT (4" WIDE)**

2"  

6"  

**NOTE:** Place wire panels to minimize the end overhang. End Overhangs greater than 4 3/4" are not permitted.