**42" Concrete Pedestrian/Bicycle Railing**

**PLAN**
(Reinforcing Steel not shown for clarity)

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

**BILL OF REINFORCING STEEL**

**ITEM** | **UNIT** | **QUANTITY**
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Concrete | CY/LF | 0.079
Reinforcing Steel | LB/LF | 13.12

**REINFORCING STEEL NOTES:**
1. All bar dimensions in the bending diagrams are out to out.
2. The reinforcement for the railing on a retaining wall shall be the same as detailed above for an 8" deck.
3. At Intermediate Open Joints, seal the lower 6" portion of the open joint with Pre-cured Silicone Sealant in accordance with Specification Section 922.
4. The cost of the Pre-cured Silicone Sealant shall be included in the Contract Unit Price for the Railing.

**CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS**

**DETAIL "A" - SECTION AT INTERMEDIATE OPEN JOINT**

**TEXTURED SURFACE**
when shown in the plans.
(Max. ½" amplitude)

**SECTION A A**
(Typical C-I-P Section Thru Bridge Deck Shown, Section Thru Approach Slab Similar)

**RAILING NOTES:**
1. Railing shall be placed vertical and top surface shall be level transversely.

**INTERMEDIATE JOINT SEAL NOTES:**
1. At Intermediate Open Joints, seal the lower 6" portion of the open joint with Pre-cured Silicone Sealant in accordance with Specification Section 922.
2. Apply sealant prior to any Class 5 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 Railing.

**REINFORCING STEEL NOTES:**
1. All bar dimensions in the bending diagrams are out to out.
2. The reinforcement for the railing on a retaining wall shall be the same as detailed above for an 8" deck.
3. At Intermediate Open Joints, seal the lower 6" portion of the open joint with a 2" minimum cover.
4. Bar splices for Bars 4S shall be a minimum of 1'-8".
5. In the option of the Contractor, deformed WWR may be used in lieu of all Bars 3R and 4S.