FENCING NOTES:

1. A Pull Post Assembly is required at maximum intervals of 500'-0". See Sheet 3.
2. Dimension is measured along Inside Face of Concrete Parapet.
3. Dimension shown is for 32" F-Shape Traffic Railing Barriers as shown in Index 420. Adjust as required for other Traffic Railing Barriers and sidewalk widths.
4. For sidewalk clear widths greater than 5'-0" increase the radius and height of the curved portion of the Hoop Post at the rate of 6" for every one foot increase in sidewalk width.

PAYMENT:
Payment will be made under Fencing, Type R. Payment includes posts, horizontal and expansion rails, brace bands, rail ends, combination rail ends, boulevard clamps, chain link fabric, tension wire, ties, hog rings, tension bars and bands, pipe clamps, base plates, anchor rods, bolts, nuts, washers, shim plates, spacers, neoprene pads, miscellaneous fence fittings and hardware and all incidental materials and labor required to complete installation of the fence.

CROSS REFERENCE:
For Table of Fence Components and Table of Post Attachment Components see Sheet 2.
For Pull Post Assembly Detail, View A-A and Detail "A" see Sheet 3.
For Detail "B" and "E" see Sheet 4.

FENCE INSTALLATION:
Install posts plumb (within a tolerance of ± 1/2") Use shim plates as required to achieve plumb. The required quantity and thickness of shim plates will be determined in the field. Install chain link fence in accordance with ASTM F567 as applicable.

TRAFFIC RAILING BARRIER DETAILS:
See Superstructure Sheets for Traffic Railing Barrier details.

CONCRETE PARAPET DETAILS:
See Index 820 - Pedestrian/Bicycle Railing for Concrete Parapet details. Provide fencing in lieu of aluminum bullet railing as shown on Index 820.

LIMITS OF FENCING:
Limits of fencing are from begin of approach slab at Begin Bridge to end of approach slab at End Bridge, unless otherwise shown in the plans.

BRIDGE FENCING (ENCLOSED)
E 14/80  2 8 12.0  8 10
A M Ɓ Ɓ Ɓ Ø x 14 •
8 8 3 8 8 8 8 8 8 8 8 8
4
“ Ø x 14
8 8 8 8 8 8 8 8 8 8 8 8
Steel ℅
8 8 8 8 8 8 8 8 8 8 8 8
10 12/01/16
REVISION
LAST
Nuts
Washers
Components
Miscellaneous Fence
Components
Bolts
Tension Wire
Brace Bands
Tie Wires
Hop Rings
 Expansion Rails
Chain Link Fabric
(2 mesh with knuckled bottom selvages)

COMPONENT INFORMATION

Components

COMPONENT DESIGNATION

Pipe Clamps
Base Plates
Spacers
Adhesive Anchor Rods
C-1-P Anchor Rods
Adhesive Anchor Rods
C-1-P Anchor Rods
Bolts
Nuts
Washers
Neoprene Pads

COMPONENT INFORMATION

Pipe Clamps
Base Plates
Spacers
Adhesive Anchor Rods
C-1-P Anchor Rods
Adhesive Anchor Rods
C-1-P Anchor Rods
Bolts
Nuts
Washers
Neoprene Pads

COATINGS:


- Adhesive Bonded Anchor Rods and Dowels:

POST ATTACHMENT NOTES

ANCHOR RODS, NUTS AND WASHERS:

- After the nuts have been tightened, distort the Anchor Rod threads to prevent removal of the nuts. Coat distorted threads and exposed trimmed ends of anchors with a galvanizing compound in accordance with Specification Section 562.

- Corrosion:

- Adhesive Bonding Material Systems for Anchors and Dowels will comply with Specification Section 937 and be installed in accordance with Specification Section 416. Cutting of reinforcing steel is permitted for drilled hole installation.

WELDING:

- All welding will be in accordance with the American Welding Society Structural Welding Code (Steel) AWS D1.1 (current edition). Weld metal will be E60XX or E70XX. Nondestructive testing of welds is not required.
**DESCRIPTION:**

Pipe Clamp Connection (see Detail) (Typ.)

**VIEW A-A**

**PIPE CLAMP CONNECTION DETAIL**

Connection without spacer shown. Connection with spacer similar.

**EXPANSION ASSEMBLY DETAIL**

Required only at expansion joint locations where total movement exceeds 6".

1. For treatment at bridge ends, see Sheet 1.
2. The 3'-0" dimension shown is for expansion joint openings 9" or less. If the expansion joint opening exceeds 9", increase this dimension by the difference between the expansion joint opening and 9".

**NOTES:**

- Rail Ends with Brace Bands (shown) or Combination Rail Ends with Brace Bands or Boulevards Clamps (Typ.)
- *Bulge* Chain Link Fabric to allow for joint movement

**CROSS REFERENCE:**

For location of View A-A and Detail "A" see Sheet 1.
PIPE CLAMP DETAIL

1-1/4" Ø Holes for 5/8" Anchors (Typ.)

1-3/4" Ø Spacers
(See Note 3)

SPACER DETAIL

(Must be manufactured from an incompressible material (i.e., steel or aluminum))

1-5/8" Ø Holes for 5/8" Anchors (Typ.)

BASE PLATE DETAIL

2 - 3/8" C-L-A Anchor Rods or Adhesive-Bonded Anchors (shown) set in drilled holes with Heavy Hex Nuts and Washers

Concrete Parapet

F- or Embed Depth

Post

DETAIL “B”

BASE PLATE DETAIL

1-3/4" x 5/8" Thick Neoprene Pad

POST A DETAIL

DIM. H (See Table Below)

POST B DETAIL

SIDEWALK CROSS-SLOPE

<table>
<thead>
<tr>
<th>DIM. H</th>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'-6&quot;</td>
<td>1. Values shown for Dim. H are for a 5'-0&quot; clear sidewalk width. Adjust as required for clear sidewalk widths greater than 5'-0&quot;.</td>
</tr>
<tr>
<td>5'-3&quot;</td>
<td>2. For clear sidewalk widths greater than 5'-0&quot; increase radius and height by 6&quot; for every one foot increase in sidewalk width.</td>
</tr>
<tr>
<td>6'-0&quot;</td>
<td>3. Spacer plate thickness shown is for the 32&quot; F-Shape Traffic Railing shown in Index 420. Adjust thickness as required for other Traffic Railings.</td>
</tr>
</tbody>
</table>

NOTES:

CROSS REFERENCE:

For location of Details "B" and "E" see Sheet 1.

BRIDGE FENCING (ENCLOSED)