

## FENCING NOTES

fENCE APPLICATION:
This bridge fence can only be used on sidewalk installations separated from traffic by a traffic railing
and thickness of shim phin a tolerance of $\pm 1 \frac{1 / 21}{}{ }^{\prime \prime}$. Use shim plates as required to achieve plumb. The required quantity
applicable.
CONCRETE PARAPET DETAILS:
See Index 521-820-Pedestrian/Bicycle Bullet Railing for Concrete Parapet details. Provide fencing in lieu of aluminum bullet railing as shown on Index 521-820.
LIMIT OF FENCING:
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 ShYon in
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, ties, tension bars and bands, post and loop caps, base plates, anchor rods, bolts, nuts, washers, shim plates, 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 Pull Post Assembly Detail see Sheet 2 For Table of Post Attachment Components and Detail "A" see Sheet


| TABLE OF POST ATTACHMENT COMPONENTS |  |  |
| :---: | :---: | :---: |
| COMPONENT | $\begin{gathered} \text { ASTM } \\ \text { DESIGNATION } \\ \hline \end{gathered}$ | COMPONENT INFORMATION |
| Base Plates | A36 or <br> A709 Grade 36 | 3/4 Steel R |
| Shim Plates | A36 or A709 Grade 36 or B209 Alloy 6061 -T6 or B221 Alloy $6063-T 5$ | Plate thicknesses as required, Holes in shim plates will be $3 / 4 "$ Ø |
| Adhesive Anchor Rods | F1554 Grade 36 | Fully threaded Headless Anchor Rods $\sim 7 / 8 \mathrm{l} \\| \times 141 /{ }^{\prime \prime}$ |
| C-I-P Anchor Rods | F1554 Grade 36 | Hex Head Anchor Rods $\sim 7 / s^{\prime \prime} \varnothing \times 141 / 2^{\prime \prime}$ |
| Nuts | A563 | Hex Nuts for Base Plate Connections |
| Washers | F436 | Flat Washers for Base Plate Connections |
| Bearing Pads (Plain) | - | In accordance with Specification Section 932 for ancillary structures |

## 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
COATINGS:
Hot-dip: galvanize all Nuts, Washers, Bolts, C-I-P Anchor Rods, Adhesive Anchors and Fence Framework (Posts, Internal Sleeves, Shim Plates and Base Plates) in accordance with Specification Section 962. Hot-dip galvanize Fence Framework after fabrication.
ADHESIVE-BONDED ANCHORS AND DOWELS: 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) ANSI/AWS D1.1 (current edition). Weld metal will be E60xX or E70XX. Nondestructive testing of welds is not required.


DETAIL "A"

base plate detail


