

## fencing notes

fence application:
This bridge fence cal
FENCE INSTALLATION:
FNCE INSTALLAAION:
Install posts plumb (within a tolerance of $\pm 1 /{ }^{\prime \prime}$ ). Use shim plates as required to achieve plumb. The required quantity Install posts plumb (within a tolerance of $\pm 1^{1 / 1 / ") . ~ U s e ~ s h i m ~ p l a t e s ~ a s ~ r e q u i r e d ~ t o ~ a c h i e v e ~ p l u m b . ~ T h e ~ r e q u i r e d ~ q u a n t i t y ~}$
and thickness of shim plates will be determined in the field. Install chain link fence in accordance with ASTM 567 as

ONCRETE PARAPET DETAILS:
See Index No. 820 - Pedestrian/Bicycle Bullet Railing for Concrete Parapet details. Provide fencing in lieu of aluminum bullet railing as shown on
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.
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, mathor rods, bolts, nuts, washers, shim plates, neoprene pads, miscellaneous fence fittings and hardware and all incidental

CROSS REFERENCE:
For Table of Fence Components and Pull Post Assembly Detail see Sheet No. 2 of

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| 0 | DESCRIPTION |

FDOT DESIGN STANDARDS 2013

BRIDGE $\mathbb{F E} \mathbb{N C I N G}(\mathbb{C U R V E D} T O P)$


| TABLE OF POST ATTACHMENT COMPONENTS |  |  |
| :---: | :---: | :---: |
| COMPONENT | $\begin{gathered} \text { ASTM } \\ \text { DESIGNATION } \end{gathered}$ | COMPONENT INFORMATION |
| Base Plates | $\begin{gathered} \text { A } 36 \text { or } \\ \text { A } 709 \text { Grade } 36 \\ \hline \end{gathered}$ | 3/4" Steel R |
| Shim Plates | A 36 or A 709 Grade 36 or B 209 Alloy $6061-T 6$ or B 221 Alloy $6063-T 5$ | Plate thicknesses as required, Holes in shim plates will be 3/4" $\varnothing$ |
| Adhesive Anchor Rods | F 1554 Grade 36 | Fully threaded Headless Anchor Rods $\sim 7 / /^{\prime \prime} \varnothing \times 141 /{ }^{\prime \prime}$ |
| C-I-P Anchor Rods | F 1554 Grade 36 | Hex Head Anchor Rods $\sim 7 / /^{\prime \prime} \varnothing \times 141 /{ }^{\prime \prime}$ |
| Nuts | A 563 | Hex Nuts for Base Plate Connections |
| Washers | F 436 | Flat Washers for Base Plate Connections |
| Neoprene Pads | - | In accordance with Specification Section 932 |

## 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 975.
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:
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.

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 E7OXX. Nondestructive testing of welds is not required.


DETAIL "A"

bASE PLATE DETAIL

CROSS REFERENCE:
For location of Detail "A" see Sheet No. 1 of 3

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