FENCING NOTES

FENCE INSTALLATION: Install posts plumb (within a tolerance of ± 1/"). 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 DETAILS:
See Superstructure Sheets for Traffic Railing details.

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 all materials and labor required to complete installation of the fence.

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

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.

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

CROSS REFERENCE:
For location of View A-A and Detail “A” see Sheet 1.
Pull Post Assembly (required at maximum intervals of 500'-0")

Hog Rings @ 2'-0' Centers
Tension Wire
Pull Post
Chain Link Fabric

Bridge Deck (shown) or Raised Sidewalk

Hog Rings @ 2'-0' Centers
Tension Wire
Pull Post

Chain Link Fabric

Tension Wire
Hog Rings @ 2'-0' Centers

Tension Wire
Hog Rings @ 2'-0' Centers

Traffic Railing (type varies, 36' Single-Slope shown)

Tension Bar (one each side of pull post)

Outside Edges of Post

Pipe Clamp

6" x 3" x 1/2" Thick Bearing Pad

1/2" or 1/2" Spacer

3/8" or 1/2" Anchor Rods or Adhesive-Bonded Anchors (shown) with Heavy Hex Nuts and Washers

1/2" or 1/2" Pipe Clamp

1/2" Holes for 3/8" Anchors (Typ.)

Spacer Detail

Pipe Clamp Connection (Typ.)

Pipe Clamp Detail

Pipe Clamp Connection Detail

(Connect without spacer shown, Connection with spacer similar)

NOTES:
1. For treatment at bridge ends, see Sheet 1.
2. Expansion Joint Opening is the width at the time of fence installation.

EXPANSION ASSEMBLY DETAIL

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

Bulge Chain Link Fabric to allow for joint movement

Pipe Clamp Connection (Typ.)

Pipe Clamp

1/2" or 1/2" Spacer

1/2" Holes for 3/8" Anchors (Typ.)

Traffic Railing

Traffic Railing (Type varies, 36" Single-Slope shown)

NOTES:
1. For treatment at bridge ends, see Sheet 1.
2. Expansion Joint Opening is the width at the time of fence installation.

PULL POST ASSEMBLY DETAIL FOR TRAFFIC RAILING

Ties @ 1'-0' Centers (Typ.)
Ties @ 1'-0' Centers (Typ.)
Tension Bands (6 required per Tension Bar - Space Equally @ 1-3' Maximum Centers) (Typ.)
Tension Bar (one each side of pull post)

Bulge Chain Link Fabric to allow for joint movement

NOTE:
1. For treatment at bridge ends, see Sheet 1.
2. Expansion Joint Opening is the width at the time of fence installation.

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DESCRIPTION:
DEVELOPMENTAL DESIGN STANDARDS
BRIDGE FENCING (OVER RAILROAD)

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Not For Construction