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The DISCLAMER:

Example showing Slab Expansion Joints without breakbacks.

Rail Footprint and perpendicular to slab outside edge.

Provide bolts of sufficient length to extend when pedestrian sidewalks are adjacent to back of rail. Bolt holes and recesses. Bolt recesses are only required Adjust placement of reinforcing steel as necessary to avoid core holes and recesses. Percussion drilling is not permitted.

Anchorage system must be assembled with one manufacturer’s recommended curing time. Anchor installation, including hole size, drilling, and clean out, must be in accordance with a Type II, Class C, or T anchor adhesive. Adhesive anchor embedment depth is 8”. Anchor installation, including hole size, drilling, and clean out, must be in accordance with manufacturer’s recommendations curing time. Field bend as needed.

Install Parapet Shoe after rail has been placed. To ease installation, temporarily brace parapet shoe until the anchorage system achieves has been firmly tightened. Temporary bracing after anchorage system has been firmly tightened. To ease installation, temporarily brace parapet shoe until the anchorage system achieves has been firmly tightened.

To ease installation, temporarily brace parapet shoe until the anchorage system achieves has been firmly tightened.

Concrete Rail Footprint. Location of Rail Expansion joint must be at the intersection of 3 Slab Expansion Joint.
SECTION E-E

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DATE:

FILE: Reinforcing steel

Vertical Reinforcing steel

ON ABUTMENT WINGWALLS ON CIP RETAINING WALLS

SECTIONS THRU RAIL

PARAPET SHOE

Parapet Shoe shown is required for one side only, other side similar. For other side shoe must be built for opposite hand. Parapet Shoe weight = 120 lb each, for the contractor's information only.

VIEW B-B

VIEW C-C

SECTION D-D

SECTION E-E

SECTION F-F

RAIL CURB FORMING DETAIL

Reinforcing steel and rail curb chamfers not shown for clarity.

REVISIONS

SHEET 2 OF 4

Texas Department of Transportation

Bridge Design Standard

TRAFFIC RAIL

TYPE T1F
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Date:

Optional Side Slot Drain Details

6'-0" Min. bar spacing with side drain slot. Center drain between posts.

Tube Fabrication Details

Tube Assembly Detail

Clamp Bar Detail

Traffic Rail

Type TIF