THIS COVER PLATE SECTION SHALL BE SNAPPED INTO POSITION AFTER 2" STD. PIPE HAS BEEN WELDED TO BOTTOM EXTRUDED CHANNEL.

END DETAIL

COVER PLATE SHALL BE SNAPPED INTO POSITION AFTER BOTTOM EXTRUDED CHANNEL HAS BEEN BOLTED INTO PLACE.

ANCHOR BOLTS OR RESIN BONDED ANCHORS

DRIVE PINS

PART

RAILS & BALUSTERS

EXTRUDED CHANNELS

COVER PLATES & BAR

ANCHOR BOLTS, NUTS & WASHERS

MATERIAL

ASTM B221-6005-T5, 6005A-T5

ASTM B221-6005-T5 OR 6005A-T5

ASTM B221-6005-T5 OR 6005A-T5

Standard Specification Section 9-06.5(4) GR. 36 (GALVANIZE IN ACCORDANCE WITH AASHTO SPECIFICATION M 232)

SPECIFICATION

ASTM A276 OR A240 TYPE 302 STAINLESS STEEL

POLYURETHANE OR SILICONE SEALANT (COLOR TO MATCH ALUMINUM RAILING)

2½" STD. PIPE RAILING

2½" STD. PIPE RAILING

2½" STD. PIPE RAILING

2½" STD. PIPE RAILING

30° RADIUS AT TOP & SIDES

3½" SLOT

1½" ALUM. X FULL WIDTH OF EXTRUDED CHANNEL

3½" ALUM. X FULL WIDTH OF EXTRUDED CHANNEL

EXTRUDED CHANNEL

COVER PLATE

TOP OF TRAFFIC BARRIER

SECTION

OPTION #1

OPTION #2

SHOWN AT LOCATION SHOWN.

SHOWN AT LOCATION SHOWN.

LOCATE ON OPPOSITE SIDE OF TRAFFIC. DRIVE PIN SHALL BE DRIVEN FLUSH WITH THE OUTSIDE FACE OF THE RAILING.

LOCATE ON OPPOSITE SIDE OF TRAFFIC. DRIVE PIN SHALL BE DRIVEN FLUSH WITH THE OUTSIDE FACE OF THE RAILING.

COVER PLATE & EXTRUDED CHANNEL AT EA. BALUSTER.

COVER PLATE & EXTRUDED CHANNEL AT EA. BALUSTER.

NOTE HOLE THROUGH COVER PLATE & EXTRUDED CHANNEL AT EA. BALUSTER.

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ANCHOR BOLTS SHALL BE POSITIONED IN A JIG DURING WELDING.

ANCHOR BOLTS SHALL BE POSITIONED IN A JIG DURING WELDING.

BE SNAPPED INTO POSITION AFTER 2½" STD. PIPE HAS BEEN WELDED TO BOTTOM EXTRUDED CHANNEL.

BE SNAPPED INTO POSITION AFTER 2½" STD. PIPE HAS BEEN WELDED TO BOTTOM EXTRUDED CHANNEL.

4½" RESIN BONDED ANCHOR (5" MIN. EMBEDMENT) WITH STD. NUT & ½" STD. WASHER OR ¾" x 7½" ANCHOR BOLTS.

4½" RESIN BONDED ANCHOR (5" MIN. EMBEDMENT) WITH STD. NUT & ½" STD. WASHER OR ¾" x 7½" ANCHOR BOLTS.

TECK TIPS AT WADE;

TECK TIPS AT WADE;

STEEL STRIP 2 x ¾" x 0'-3 (TYP.)

STEEL STRIP 2 x ¾" x 0'-3 (TYP.)

TOP OF TRAFFIC BARRIER

TOP OF TRAFFIC BARRIER

2½" Ø HOLE AT INTERSECTING SECTIONS OR ¾" x ¾" SLOTTED HOLE (FOR LONGITUDINAL ADJUSTMENT) AT END SECTIONS AND AT SECTIONS IMMEDIATELY ADJACENT TO EXPANSION JOINTS.

2½" Ø HOLE AT INTERSECTING SECTIONS OR ¾" x ¾" SLOTTED HOLE (FOR LONGITUDINAL ADJUSTMENT) AT END SECTIONS AND AT SECTIONS IMMEDIATELY ADJACENT TO EXPANSION JOINTS.

TAKE TIPS AT WADE;

TAKE TIPS AT WADE;

MAX. 30°

MAX. 30°

1½" Ø DRIVE PIN

1½" Ø DRIVE PIN

1½" Ø DRIVE PIN

1½" Ø DRIVE PIN

STEEL STRIP 2 x ¾" x 0'-3 (TYP.)

STEEL STRIP 2 x ¾" x 0'-3 (TYP.)

WRESIN BONDED ANCHOR (FOR RESIN BONDED ANCHORS USE MFG’S RECOMMENDATION)

WRESIN BONDED ANCHOR (FOR RESIN BONDED ANCHORS USE MFG’S RECOMMENDATION)

3½" x ¾" x ¾" (TYP.)

3½" x ¾" x ¾" (TYP.)

3½" x ¾" x ¾" (TYP.)

3½" x ¾" x ¾" (TYP.)

MAX. 3½"

MAX. 3½"

MAX. 3½"

MAX. 3½"