

CHAPTER 13
STANDARD DRAWING REVISION LOG

B13.1A Concrete Parapet with Thrie Beam Rail

July 2009 Added ½" V Groove detail 3" from edge of deck

B13.1B Concrete Parapet with Precast End Connection

April 2008 Changed Section C-C in the Partial Elevation to D-D to avoid duplication in View A-A.

July 2009 Added ½" V Groove detail 3" from edge of deck.

B13.1C Concrete Parapet with Thrie Beam Rail

July 2009 Added ½" V Groove detail 3" from edge of deck

B13.1D Concrete Parapet with Precast End Connection

July 2009 Added ½" V Groove detail 3" from edge of deck.

Added Note 16

Corrected height of parapet in Partial parapet Elevation

B13.1E Concrete Parapet Light Pole Support

April 2008 Added new sheet

B13.2A Two-Tube Curb Mounted Rail

June 2006 Revised Note 2 to make anchor bolts conform to ASTM F-1554 Grade 105.

Revised Note 14 reference to conform to the 2004 Standard Specifications.

Added 4" dimension between slotted holes in post and specified horizontally slotted holes in post.

July 2009 Added ½" V Groove detail 3" from edge of deck.

B13.2B Two-Tube Curb Mounted Rail

July 2009 Added ½" V Groove detail 3" from edge of deck.

B13.3A Combination Pedestrian/Bicycle & Traffic Railing

June 2006 Revised Note 1 to make anchor bolts conform to ASTM F-1554 Grade 36.

Revised Note 10 reference to conform to the 2004 Standard Specifications.

Added note to Tube Splice Detail for 2'x2" tubes.

Combined the Bicycle and Pedestrian rail drawings using a 3'-6" height to conform to the approved 2006 Ballot Item.

Modified the title block to include "Bicycle".

July 2009 Reformatted the Notes

Added additional requirements for powder coating

Increased left end length on splice tube and removed "Typical at Exp. Joints & Dummy Joints".

Modified note 12 to read, "Each rail section..."

B13.3B Combination Bicycle & Traffic Railing

June 2006 Deleted the 4'-6" height rail standard drawing.

B13.3C Concrete Parapet for Railing – without approach slab

June 2006 Changed the height of the end block to 3'-7½" and revised details for the new 3-6" rail height.

April 2008 Revised bid item description in Note 4 to agree with the Standard Specifications.

July 2009 Added ½" V Groove detail 3" from edge of deck.

B13.3D Concrete Parapet for Railing – with approach slab

June 2006 Changed the height of the end block to 3'-7½" and revised details for the new 3-6" rail height.

April 2008 Revised bid item description in Note 4 to agree with the Standard Specifications.

July 2009 Added ½" V Groove detail 3" from edge of deck.

B13.3E Combination Rail Light Pole Support

April 2008 Added new sheet

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B13.3F Protective Pedestrian Fence for Combination Rail Concrete Parapet

July 2009 Added new sheet

B13.4A 4'-6" Standard Bicycle Rail

June 2006 Deleted the 4'-6" height rail standard drawing.

B13.4B Standard Pedestrian/Bicycle Railing

June 2006 Combined the Bicycle and Pedestrian rail drawings using a 3'-6" height to conform to the approved 2006 Ballot Item.

Deleted epoxy reinforcement from the Drilled Concrete Post Base.

Widened the curb to 10" to provide cover for reinforcement around the anchor bolts.

Modified the title block to include "Bicycle".

July 2009 Added ½" V Groove detail 3" from edge of deck.

Changed tube wall thickness to 3/16".

B13.4C Pedestrian/Bicycle Railing Details

June 2006 Revised Note 6 to require epoxy reinforcement only in the curb.

Added Note 7 specifying Concrete Class 40A.

Added Notes 16, 17, & 19 for tube ends, vent holes, and alternate splice details.

Increased the top width of bar R2.

Modified the title block to include "Bicycle".

July 2009 Renumbered the Notes

Added additional requirements for powder coating

Changed tube wall thickness to 3/16".

Modified splice tube detail.

Modified note 21 to read, "Each rail section..."

B13.6A W-Beam Railing Details

June 2006 Added a note in the title block for using roadway standard drawing G-1-L on retrofit projects.

B13.7A G-2-F Type 1 Rail Retrofit Details

June 2006 Added a new drawing.

July 2009 Added details from Roadway Standard Drawing G-2-F to allow G-2-F to be deleted.

Revised paint system in Note 3.

B13.7B G-2-F Type 2 Rail Retrofit Details

June 2006 Added a new drawing.

July 2009 Added details from Roadway Standard Drawing G-2-F to allow G-2-F to be deleted.

Revised paint system in Note 3.

B13.7C G-2-F Type 4 Rail Retrofit Details

June 2006 Added a new drawing.

April 2008 Changed size of attachment angle to 6x4x5/16 and added Detail A.

July 2009 Added details from Roadway Standard Drawing G-2-F to allow G-2-F to be deleted.

Revised paint system in Note 1.

B13.7D Delawatre Rail Retrofit Details

June 2006 Added a new drawing.

July 2009 Added details from Roadway Standard Drawing G-2-F to allow G-2-F to be deleted.

Added Note 11 for painting field drilled holes.

B13.7E Iowa Rail Retrofit Details

June 2006 Added a new drawing.