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B14.1A Compression Seal Expansion Joint skew ≤ 10°
June 2006 Revised Note 11 reference to AASHTO M-297. AASHTO M-220 applies to pavement joints.
May 2014 Added galvanizing of armor angles to note 1.
March 2015 Revised note 12 for electronic shop drawings.
       Added names of recommended manufacturers to Table.
June 2018 Added “or approved equal” to recommended manufacturers Table.
Nov 2019 Revised format of Notes to active voice, imperative mood.
       Deleted installation width from Table and changed “depth” to “height”.
       Deleted seal coat from section A-A and Detail A.

B14.1B Compression Seal Expansion Joint skew > 10°
June 2006 Revised Note 11 reference to AASHTO M-297. AASHTO M-220 applies to pavement joints.
May 2014 Added galvanizing of armor angles to note 1.
March 2015 Revised note 12 for electronic shop drawings.
       Added names of recommended manufacturers to Table.
June 2018 Added “or approved equal” to recommended manufacturers Table.
Nov 2019 Revised format of Notes to active voice, imperative mood.
       Deleted installation width from Table and changed “depth” to “height”.
       Deleted seal coat from section A-A and Detail A.

B14.2 Strip Seal Expansion Joint
June 2006 Added reference in Note 2 for ASTM D-5973.
July 2010 Revised note 4 to add Federal Standard 595 color 36492.
June 2013 Deleted Note 4 for painting of exposed surfaces and specified galvanizing of extrusion in Note 1.
May 2014 Revised note 1 reference for galvanizing from ASTM A123 to AASHTO M111.
March 2015 Revised note 4 for electronic shop drawings.
       Added names of recommended manufacturers to Table.
       Corrected field weld symbol.
Aug 2016 Changed welded splice to partial penetration groove weld in notes 5 & 8.
June 2018 Added “or approved equal” to recommended manufacturers Table.
Nov 2019 Revised format of Notes to active voice, imperative mood.
       Deleted installation width from Table.
       Changed ELEVATION to SECTION B-B.

B14.3 Modular Joint
Feb 2012 Added reference in Note 3 for Techstar MEJS joint.
May 2014 Revised note 7 to paint system A to agree with 2012 Standard Specifications.
       Added reference to Federal Standard Number 595.
March 2015 Revised note 9 for electronic shop drawings.
June 2018 Revised Note 3 for Techstar MEJS joint to meet fatigue test requirements to be approved.
Nov 2019 Revised format of Notes to active voice, imperative mood.

B14.4A Parapet Cover Plates
May 2014 Revised note 3 to paint system A to agree with 2012 Standard Specifications.
       Added reference to Federal Standard Number 595.
March 2015 Added note 5 for parapet cover plate assembly included in bid item S501-06A.
       Changed page number to B14.4A.
       Revised note 4 for electronic shop drawings.
Nov 2019 Revised format of Notes to active voice, imperative mood.
       Revised paint standard to AMS-STD-595.

B14.4B Curb Cover Plates
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March 2015  Added new sheet for 2-tube curb mounted rail.
Nov 2019   Revised format of Notes to active voice, imperative mood.

**B14.5 Silicone Sealant Joint**
Nov 2019  Changed ELEVATION to SECTION A-A.
          Added Note for silicone sealant meeting ASTM C920.
          Replaced reference to Dow-Corning 902 RCS to silicone sealant.

**B14.6 Asphalitic Plug Expansion Joint**
April 2008  Clarified note for sealing top of joint.
Sept 2012  Added Section B-B for a curb.
          Added Note 1 to delete concrete waterproofing in plug joint area or provide a method to easily
          remove the waterproofing prior to placing the plug joint material.
          Added Note 2 listing the requirements of ASTM C920 for the silicone sealant.
Nov 2019   Revised format of Notes to active voice, imperative mood.

**B14.7A TFE/Stainless Steel Expansion Bearing – steel girder**
June 2006  Revised Note 1 for anchor bolts to conform to ASTM F-1554 Grade 36.
          Revised Note 5 for stainless steel sheets to conform to ASTM A240. ASTM A167 moved the grades of steel
          to ASTM A-240.
          Revised the minimum thickness of PTFE and minimum recess to conform to AASHTO Article 14.7.2.3.1.
          Revised the temperature in the Expansion Bearing Plan to 60°F to be consistent with expansion joint
          temperature.
          Added Note 14 for temperature adjustment.
April 2008  Intermediate steel plate thickness changed to “X” to match required design thickness.
          Added requirement for dimpled lubricated PTFE sheets and certification testing.
March 2011  Changed silicone grease specification in Note 10 to SAE-AS8660 to conform to the 2010 LRFD Interim
          Revisions to Art. 14.7.2.1.
          Changed Note 8 from “… to ensure that the minimum coefficient of friction for the bearing meets
          the AASHTO Specifications” to “… to ensure that the friction actually achieved in the bearing meets the
          assumed design value xxx”.
June 2013  Corrected ± symbol in Section A-A.
          Changed the pay item in Note 6 to S501-55A.
          Corrected reference to grout in Note 11 to 705.02.
March 2015  Revised note 12 for electronic shop drawings.
Nov 2019   Revised format of Notes to active voice, imperative mood.
          Specified topcoat color 20122 of AMS-Std-595 in Note 9.
          Changed reference in Note 7 from AASHTO LRFD Bridge Construction Section 18 to 720.02.

**B14.7B TFE/Stainless Steel Expansion Bearing – concrete girder**
June 2006  Revised Note 1 for anchor bolts to conform to ASTM F-1554 Grade 36.
          Revised Note 5 for stainless steel sheets to conform to ASTM A240. ASTM A167 moved the grades of steel
          to ASTM A-240.
          Revised the minimum thickness of PTFE and minimum recess to conform to AASHTO Article 14.7.2.3.1.
          Revised the temperature in the Expansion Bearing Plan to 60°F to be consistent with expansion joint
          temperature.
          Added Note 14 for temperature adjustment.
April 2008  Intermediate steel plate thickness changed to “X” to match required design thickness.
          Added requirement for dimpled lubricated PTFE sheets and certification testing.
March 2011  Changed silicone grease specification in Note 10 to SAE-AS8660 to conform to the 2010 LRFD Interim
          Revisions to Art. 14.7.2.1.
          Changed Note 8 from “… to ensure that the minimum coefficient of friction for the bearing meets
          the AASHTO Specifications” to “… to ensure that the friction actually achieved in the bearing meets the
          assumed design value xxx”.
June 2013  Corrected ± symbol in Section A-A.
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Changed the pay item in Note 6 to S501-55A.
Corrected reference to grout in Note 11 to 705.02.

March 2015 Revised note 12 for electronic shop drawings.
Nov 2019 Revised format of Notes to active voice, imperative mood.
Specified topcoat color 26492 of AMS-Std-595 in Note 9.
Changed reference in Note 7 from AASHTO LRFD Bridge Construction Section 18 to 720.02.