TYPICAL SECTION THRU STRIP SEAL EXPANSION JOINT
(Begin or End Concrete Girder Bridge shown, Intermediate Supports and Steel Girder Bridge similar. Reinforcing Steel and Girder details not shown for clarity.)

GENERAL NOTES:
1. Furnish Strip Seal Expansion Joint Systems in accordance with Specification Section 458.
2. Shape of Edge Rail shown is representative, minor variations depending on manufacturer are permitted.
3. Recess the Edge Rail below the concrete surface in accordance with Specification Section 458.
4. Refer to the Expansion Joint Data Table in the Structures Plans for joint movement and Dimension A.
5. Refer to Specification Section 458 for installation and fabrication requirements.
**PARTIAL PLAN VIEW OF NONSKEWED JOINTS**

- Front Face of Traffic Railing
- 1/2 Min.
- 1/2 Max.
- Sleeve Anchor spacing - 6" centers Max.
- Blockout
- Gutter Line
- Sidewalk Cover Plate
- Field Butt Joint
- Construction Joints
- Sleeve Anchor (Typ.)

**PARTIAL PLAN VIEW OF SKEWED JOINTS**

- Front Face of Traffic Railing
- 1/2 Min.
- 1/2 Max.
- Sleeve Anchor spacing - 6" centers Max.
- Blockout
- Gutter Line
- Sidewalk Cover Plate
- Field Butt Joint
- Construction Joint
- Sleeve Anchor (Typ.)

**PARTIAL SECTION ALONG Q JOINT**

- Bevel top edge @ 1/2 Slope & round over bottom edge @ 1/8 radius (Typ.)
- 1/2 Sidewalk Cover Plate
- Top of Sidewalk
- Expansion Joint Assemblies
- 1/2 Sidewalk

**FLUSH SIDEWALK DETAIL**

- Front Face of Railing
- 1/2 Min.
- 1/2 Max.
- Expansion Joint Assembly
- Construction Joint
- Blockout
- Gutter Line
- Sidewalk Cover Plate
- Field Butt Joint (Seal with Caulk)
- Expansion Joint Assembly
- Shop Splice

*Distance from 1/2 Sleeve Anchor to edge of concrete is 2 inches minimum, 3 inches maximum.*

**SECTION A-A**

- Down Grade
- 1/2 Sidewalk Cover Plate
- Top of Sidewalk
- Expansion Joint Assemblies
- Sidewalk

**RAISED SIDEWALK DETAIL**

- Blockout
- Gutter Line
- Sidewalk Cover Plate
- Field Butt Joint (Seal with Caulk)
- Expansion Joint Assembly
- Shop Splice

**LAST REVISION:** 07/01/13

**DESCRIPTION:**

**REV: 07/01/13**

**REVISION:**

**INDEX:** 458-100

**SHEET:** 3 of 3

**STANDARD PLANS**

**FY 2019-20**

**EXPANSION JOINT SYSTEM - STRIP SEAL**