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 Specification 458 and the Expansion Joint Data Table in the Structures Plans for installation and fabrication requirements and adjustments to Dimension "A".
5. Manufacturers seeking approval of Strip Seal Expansion Joint Systems for inclusion on the Qualified Products List as pre-approved designs must submit application along with design documentation showing the expansion joint meets the specification, geometric and material requirements specified herein. Include installation details consisting of temporary or sacrificial support brackets, bolts, clamps, etc. that are compatible with decks constructed with or without blockouts.

EXPANSION JOINT DATA TABLE

Dimension "Z" - 2" @ 70°F (unless otherwise shown in the Structures Plans, Expansion Joint Data Table)

60°

Elastomeric Seal

Weld

Seal

Weld

Grind Flush

SHOP SPLICE DETAIL

TYPICAL SECTION THRU STRIP SEAL EXPANSION JOINT

(Refer or End Concrete Girder Bridge shown, Intermediate Supports and Steel Girder Bridge similar, Reinforcing Steel and Girder details not shown for clarity.)

Shop Splice Detail

NOTE:

Face of Traffic Railing, Parapet or Post

Expansion Joint

Line Perpendicular to Joint

NOTE: Movement Schematic

Skew Angle and a measured positive in clockwise direction from a line perpendicular to the Joint. See Structures Plans, Expansion Joint Data Table.