Note to Designer:
The information presented in this Standard Detail has been prepared in accordance with recognized competent professional examination and verification of its suitability and applicability by a licensed S.U.H.

SECTION A-A

G E N E R A L  N O T E S :


The Strip Seal Joint may only be used for movement ratings of 4 inches or less. Joint opening & movement rating W.K. may require adjustment during shop drawing review to accommodate the manufacturer minimum seal installation width.

Retainer rail extrusions shall conform to ASTM A368 Grade 50 or A709 Grade 50W. Minimum weight per foot: 8.5 Lbs Minimum thickness: .118 inches Steel anchor studs shall conform to ASTM A108 Grades 1015, 1018 or 1020.

Retainer rails shall be one continuous full length installed piece. Retainer rails shall be supplied in maximum practical lengths that are consistent with normal manufactured rail lengths. Rail splices, when required, shall be welded in the shop or field per DETAIL E. When rail turns shall be welded similar to DETAIL E.

The strip seal shall meet the requirements of AADOT Std.Sec. 1011-5. The strip seal shall be supplied in one continuous full length piece without splices.

Sidewalk cover plates shall be 436 galvanized steel with non-slip beveled surface. Barrier or curb cover plates shall be 436 galvanized steel. Cover plate bolts shall be 325 varnished.

All welding shall conform to the requirements of the American Welding Society, ANSI/AASHTO/ANS D1.5 Bridge Welding Code, latest edition.

Prior to installation of the seals and lubricant adhesive, steel contact surfaces with the seal shall be cleaned and prepared in accordance with the seal manufacturer requirements.

Joint opening & shall be adjusted in the field for any variation of temperature above or below the mean temperature. See bridge drawings for mean temperature conditions and temperature correction chart.

Erection angles shall be removed immediately after deck joint is fully encased in concrete (except sidewalks, curbs or barriers) and such concrete has attained 90% of its initial set hours.

Dimensions shall not be scaled from drawings.

Item No. 6011345 Deck Joint Assembly (Strip Seal) Measurements Linear Foot

\[ s = \frac{W \times r}{2} \quad (L_0 \text{ min}) \]