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(April 1, 2013)

Modular Expansion Joint System

Structural steel shall conform to ASTM A 36, ASTM A 572 Grade 50, or ASTM A 588. Aluminum components shall not be used.

Stainless steel shall conform to ASTM A 240 Type 304.

Bolts and other hardware shall conform to the requirements of ASTM A 325 Type 1 or 2 and shall be galvanized in accordance with AASHTO M 232 and Section 9-06.5(3) of the Standard Specifications.

PTFE shall be 100% virgin teflon, woven PTFE fabric, or dimpled PTFE conforming to the requirements of Section 18.8 of the AASHTO LRFD Bridge Construction Specifications, current edition and latest interims.

Expansion joint strip seals shall conform to the following:

<u>Property</u>	<u>Test Method</u>	<u>Range of Values</u>
Hardness, Durometer A	ASTM D 2240	55 -70
Tensile Strength	ASTM D 412	2000 psi minimum
Elongation at break	ASTM D 412	250%
Compression Set, at 72 hr. at 212F	ASTM D 395	40%

The maximum size of each expansion joint strip seal shall be 3 inches. Box-type seals or seals utilizing double webs will not be acceptable. Seals shall be continuous without splices.