1600 Joint Materials & Bearing Pads

1601 Prefomed Joint Filler
(Bituminous Type)

These are Central Lab, Concrete & Metals Lab tests performed in accordance with AASHTO T 42.

Absorption, brittleness and compression are run.

1602 Prefomed Joint Filler
(Bituminous Fiber & Cork)

These are Central Lab, Concrete & Metals Lab tests performed in accordance with AASHTO T 42.

Dimensions, absorption and compression are run. The percent recovery is calculated.

1603 Elastomeric Compression Seals

These are Central Lab, Concrete & Metals Lab tests.

Dimensions, durometer hardness, compression/deflection and tensile strength are run. These are performed under the following protocol:

Hardness: ASTM D 2240

Tensile: ASTM D 412

Compression/deflection: MN/DOT procedure
1604  ELASTOMERIC BEARING PADS

These are Central Lab, Concrete & Metals Lab tests.

Dimensions, durometer hardness, tensile strength, compression/deflection characteristics and markings are run. These are performed under the following protocol:

Hardness:   ASTM D 2240

Tensile:   ASTM D 412

Compression/deflection:   MN/DOT procedure

1605  ASPHALT PLANK

These are Central Lab, Concrete & Metals Lab tests.

Absorption and brittleness are performed in accordance with AASHTO M 46

1606  SILICONE RUBBER JOINT FILLER

These are Central Lab, Chemical Lab and Concrete & Metals Lab tests performed under a MN/DOT procedure.

The Chemical Lab prepares test slabs, determines tack free time and specific gravity. The C & M Lab performs tensile tests on specimens cut from the test slabs and runs bond tests on specimens which are also prepared by the Chemical Lab.