EXPANSION JOINT DETAILS

SECTION F - F

* For details of crossing plan to fit required size and shape, please refer to manufacturer's specifications. Manufacturer's recommendations should be followed to ensure proper working minimum clearances of 1/4" RADIUS.

SECTION G - G

SECTION THROUGH EXPANSION JOINT AND COVER PLATE

The expansion joint shall be of a type that includes a continuous weld expansion joint, and the expansion joint shall be shop-fabricated to conform to the contour of the expansion area.

NOTE:

The cover plate shall be shop-fabricated to conform to the contour of the expansion area.

The cover plate shall be of a type that includes a continuous weld expansion joint, and the expansion joint shall be shop-fabricated to conform to the contour of the expansion area.

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**NOTES:**

**FABRICATION AND INSTALLATION**

- **SECTION L - L**
  - A 45° radius bend up from the bottom of the expansion joint shall be made at the beginning of each expansion joint. The radius of bending less than 45° shall not be tested.

- **SECTION K - K**
  - A 45° radius bend up from the bottom of the expansion joint shall be made at the beginning of each expansion joint. The radius of bending less than 45° shall not be tested.

**MATERIALS**

- **EXPANSION JOINT DEVICE**
  - The expansion joint device shall include one of the following devices:
    - **PEELING EDGE**
    - **SCISSORS**
    - **STEELFLEX-SSA**
    - **TEFLEX-SSA**
    - **WABO STRIP SEAL - TYPE A**
    - **WABO STRIP SEAL - TYPE M**

**INSTALLATION**

- **PLACEMENT**
  - The expansion joint device shall be installed in accordance with the manufacturer's recommendations.
  - The expansion joint device shall be installed in accordance with the manufacturer's recommended installation procedures and the plans.

- **SEaling GLAND**
  - The sealing gland shall be installed in accordance with the manufacturer's recommendations.

- **ANCHORAGE**
  - The steel anchorage for strip seal glands shall be hot-dip galvanized in accordance with the manufacturer's recommendations.

- **CLEANING**
  - The area of the steel anchorage and sealing gland shall be cleaned with toluene or other approved solvent.

- **CONTACT**
  - Contact with the sealant or lubricant-adhesive shall be cleaned with toluene or other approved solvent.

**TOPLINE**

- The top line of the expansion joint device shall be set within the finished concrete or pavement.

**REVIEW**

- The details on this sheet shall be reviewed by the engineer for approval.

**SPECIFICATIONS**

- The details on this sheet shall be reviewed by the engineer for approval.

**ESIGNED:**

- The details on this sheet shall be reviewed by the engineer for approval.

**EJ3AC (10-08-2019)**

**EXPANSION JOINT DETAILS**

**NO SCALE**

**MDOT**

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<thead>
<tr>
<th>STRUCTURE NUMBER</th>
<th>LOCATION OF JOINT</th>
<th>ZONE</th>
<th>MIN. TRAVEL OF JOINT</th>
<th>REQUIRED LENGTH OF JOINT DEVICE</th>
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