LONGITUDINAL SAWED JOINT
No. 6x30 (No. 19x750) Tie bars at 36 (900) cts.
(shown on support pins)

Sawed groove
1/4 (3) min. x 8/3

BAR SUPPORTING CHAIR

LONGITUDINAL KEYED JOINT
* 8 (203) min. pavement thickness for keyed joints.

LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR FORMED IN PLACE OR MECHANICALLY INSERTED)
No. 6x30 (No. 19x750) Tie bars at 36 (900) cts.

LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)
No. 6x24 (No. 19x600) Tie bars at 36 (900) cts.

TYPE C METAL JOINT

LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)

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LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)
**SEALING DETAIL**

*Expansion caps shall be installed on the exposed end of each dowel bar once the header has been removed and the joint filler material has been installed.*

**TRANSVERSE EXPANSION JOINT**

*FOR PAVEMENTS WITH UNEQUAL THICKNESS*

**TRANSVERSE CONTRACTION JOINT**

*FOR CAM, CFA AND LFA BASE COURSE MIXTURES*

**TRANSVERSE EXPANSION JOINT**

*FOR PAVEMENTS WITH EQUAL THICKNESS*

**TRANSVERSE CONTRACTION JOINT**

**DOWEL BAR TABLE**

<table>
<thead>
<tr>
<th>PAVEMENT BAR THICKNESS</th>
<th>DOWEL BAR DIAMETER</th>
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<tbody>
<tr>
<td>18 (250) or greater</td>
<td>16 (618)</td>
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<tr>
<td>8 (200) thru 9.99 (249)</td>
<td>16 (612)</td>
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<tr>
<td>Less than 8 (200)</td>
<td>1 (25)</td>
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**Dowel Bar Assembly**

18 (450) Long dowel bars at 12 (300) cts.

**Dowel Bar Assembly**

Sawed groove

**Joint Sealer**

Hot poured with edger

**Joint Filler**

Flexible foam

**Preformed Plastic Joint Filler**

**Bituminous Surfacing**

4 (100) (typ.)

**Stabilized Base Course**

10 (250) (typ.)

**BASE COURSE MIXTURES**

<table>
<thead>
<tr>
<th>MIXTURE</th>
<th>BASE COURSE THICKNESS</th>
<th>BASE COURSE DIAMETER</th>
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