**PLAN OF PAVEMENT**

- Sawed groove
- Hot poured joint sealer
- Transverse contraction joint
- Dowel bar assembly

**TRANSVERSE CONTRACTION JOINT**

- 18 (450) Long dowel bars at 12 (300) cts.
- Sawed groove
- Hot poured joint sealer
- Bituminous surface
- Stabilized base course
- Bar supports

**DOWEL BAR TABLE**

<table>
<thead>
<tr>
<th>Pavement Thickness</th>
<th>Spacing of Transverse Expansion Joints</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 18 (250)</td>
<td>12 (3.6 m) *</td>
</tr>
<tr>
<td>18 (250) and greater</td>
<td>15 (4.5 m) *</td>
</tr>
</tbody>
</table>

* When placed adjacent to existing PCC pavement, use a spacing between 12' (3.6 m) and 18' (5.5 m) to the joints are in prolongation with existing transverse joints. Adjust the spacing of tie bars in the longitudinal joint(s) to maintain a clearance of 9 (225) from the end of the dowel bars.

**GENERAL NOTES**

- Dowel bars are only required for Class I, II, or III Roads and Streets having pavement thickness of 7 (175) or greater.
- Roads and Streets having pavement thickness of 10 (250) and greater are cut separately.
- Roads and Streets having pavement thickness of 8.01 (200) to 9.99 (250) 15' (4.5 m) *
- Roads and Streets having pavement thickness of less than 10 (250) 12' (3.6 m) *

**PORTLAND CEMENT CONCRETE PAVEMENT (NONREINFORCED)**

<table>
<thead>
<tr>
<th>DATE</th>
<th>REVISIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1-12</td>
<td>Revised spacing of transverse expansion joints, dowel bar table, and header board callout.</td>
</tr>
<tr>
<td>1-1-18</td>
<td>Eliminated skewed joint.</td>
</tr>
</tbody>
</table>

All dimensions are in inches (millimeters) unless otherwise shown.