Project the shoulder edge lines of the ramp and mainline to their intersection.

Pavement and reinforcement in the ramp taper shall be the same as the mainline. Reinforcement shall be placed parallel and perpendicular to the mainline pavement.

Reinforcement shall be parallel to and perpendicular to ramp baseline.

Reinforcement placed parallel to and perpendicular to ramp baseline.

Transverse contraction joint (undoweled) or optional transverse construction joint.

Range of vertical offsets using $e = 8\%$

See Sheet 3 for GENERAL NOTES
When mainline is on tangent or curved to the right

When mainline is curved to the left

DETAIL A

SECTION B-B

SECTION C Bk - CBK

SECTION C

SECTION CAH - CAH

SECTION CBk - CBk

See DETAIL A
DETAILS FOR DRAINAGE IN NEUTRAL AREA

1. Vertical offsets in inches for right edge of ramp, when $e = 8\%$.
2. Vertical offsets in mm for right edge of ramp, when $e = 8\%$.

<table>
<thead>
<tr>
<th>Sections</th>
<th>Mainline on Tangent</th>
<th>Mainline Curved Right</th>
<th>Mainline Curved Left</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>-0.18</td>
<td>S.E. % ML x 300</td>
<td>S.E. % ML x 4900</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>S.E. % ML x 300</td>
<td>S.E. % ML x 4900</td>
</tr>
<tr>
<td>C</td>
<td>-3.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>-15.4</td>
<td>-15.4</td>
<td>-15.4</td>
</tr>
</tbody>
</table>

GENERAL NOTES

1. Vertical offset values are calculated and based on the right edge of mainline pavement at 0.0 % grade.
2. The vertical offsets of these points are above the mainline pavement and lie on an upgrade in relationship to the mainline grade.
3. S.E. = Superelevation Rate

EXIT RAMP TERMINAL

JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENTS

STANDARD 420306-11