ABBREVIATIONS:
SE  SAFETY EDGE

CONCRETE BARRIER

CONE BARRIER

TRANSITION DETAIL
FOR CONCRETE ONLY

CURB OR DIKE

NARROW SIDE SLOPE

* CH = Distance from ES or EP to existing HP.

STATE ROUTE

MINOR ROADWAY OR DRIVeway

PAVEMENT EDGE TREATMENTS

NOTES:
1. For details not shown, see Revised Standard Plans RSP P75 and RSP P76.
2. Safety edge is optional when L is less than 30'.

REVISED STANDARD PLAN RSP P74
**NOTES:**

1. For limits of safety edge and vertical edge treatments, see Revised Standard Plan RSP P74.
2. Details shown for HMA overlay thickness less than 0.43'. See Detail 'A' for HMA overlay thickness more than 0.43' or concrete overlay.
3. For locations and limits of shoulder backing or embankment see project plans.
4. Grade existing ground to place safety edge, 1' minimum width.
5. Safety edge transverse joint must match overlay transverse joint. End of #6 longitudinal bar must be 2" ± 1/2" clear from transverse joint.
6. Safety edge is not needed in the area of #8 bar, bollard, right turn lane and acceleration lane. See Revised Standard Plan RSP P74.

**LEGEND:**

- HMA OVERLAY
- HMA OR CONCRETE OVERLAY
- CONCRETE OVERLAY

**ABBREVIATIONS:**

- SE = SAFETY EDGE
- TT = TOTAL THICKNESS OF SE

**TABLE A**

<table>
<thead>
<tr>
<th>FIELD CONDITION</th>
<th>OVERLAY THICKNESS</th>
<th>TOTAL ADDITIONAL MATERIAL FOR SE/SIDE/MILE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LESS THAN 0.15'</td>
<td>HMA (TON)</td>
</tr>
<tr>
<td></td>
<td>0.15'</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>0.20'</td>
<td>15.7</td>
</tr>
<tr>
<td></td>
<td>0.30'</td>
<td>30.9</td>
</tr>
<tr>
<td></td>
<td>0.40'</td>
<td>54.8</td>
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<tr>
<td></td>
<td>0.50'</td>
<td>84.2</td>
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<tr>
<td></td>
<td>0.60'</td>
<td>113.9</td>
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<td>173.3</td>
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<tr>
<td></td>
<td>0.90'</td>
<td>223.0</td>
</tr>
<tr>
<td></td>
<td>1.00'</td>
<td>232.1</td>
</tr>
<tr>
<td></td>
<td>1.10'</td>
<td>262.4</td>
</tr>
<tr>
<td></td>
<td>1.20'</td>
<td>292.1</td>
</tr>
</tbody>
</table>

**OPTIONAL DETAIL ‘A’**

For concrete overlay

**DEPARTMENT OF TRANSPORTATION**

Pavement Edge Treatments - Overlays

STATE OF CALIFORNIA

REVISED STANDARD PLAN RSP P75
### LEGEND:
- **HMA PAVEMENT**
- **HMA OR CONCRETE PAVEMENT**
- **CONCRETE PAVEMENT**

### ABBREVIATIONS:
- **SE** SAFETY EDGE
- **ST** TOTAL THICKNESS OF SE OR EP TO HP
- **HW** HINGE WIDTH, DISTANCE FROM ES OR EP TO HP
- **ES OR EP**

### NOTES:
1. For limits of safety edge and vertical edge treatments, see Revised Standard Plan RSP P74.
2. Details shown for HMA pavement thickness less than 0.43'. See Detail "B" for HMA pavement thickness more than 0.43' or concrete pavement.
3. For locations and limits of embankment see project plans.
4. Safety edge transverse joint must match pavement transverse joint. End of #6 longitudinal bar must be 2" to 3" clear from transverse joint.
5. Safety edge is not needed in the area of W80N, barrier, right turn lane and acceleration lane. See Revised Standard Plan RSP P74.

### DETAIL "B"
For HMA pavement thickness more than 0.43' or concrete pavement.