**DIAGRAMMATIC PLAN AND PROFILE**

### Plan Grade
- **SE = 2% to 6%**
- **Normal Crown**
- **Reverse Crown**

### Section
- **Superelevation Runoff**
  - Approx. B.T.
- **Outside Edge of Traveled Way**
- **Profile Grade**

### Tangent Runout (50')
- **Outside Edge of Traveled Way**
- **Inside Edge of Traveled Way**

### Profile Grade
- **Super-elevation (e)**
  - **Inside Edge of Traveled Way**
  - **Full Outside Edge**

### Details of Shoulder Treatment
- **Normal Crown**
- **Note:** Typical line as shown elsewhere on plans.

### General Notes:
1. **State Aid Division use Standard SA-SE-L**
2. "L" in the table is for Rotation about the centerline of 2 lanes ("A") and 4 lanes ("B") of traveled ways into lane and 2 lanes each side of the rotation point respectively minimum length of runoff for various widths of rotation are as follows:
   - 2 lanes: 140 ft
   - 4 lanes: 180 ft
   - 6 lanes: 245 ft
3. A vertical curve with a length on feet equal to the design speed on mph should be placed at excessive angular breaks.

### Table
<table>
<thead>
<tr>
<th>D</th>
<th>V (mph)</th>
<th>L (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°</td>
<td>50</td>
<td>140</td>
</tr>
<tr>
<td>1°</td>
<td>50</td>
<td>180</td>
</tr>
<tr>
<td>2°</td>
<td>50</td>
<td>245</td>
</tr>
</tbody>
</table>

**NOTE:** For degrees of curve intermediate between table values use a straight-line interpolation to determine the superelevation rate.

**Key:**
- **D:** Degree of Curve
- **V:** Design Speed (mph)
- **L:** Minimum Length of Superelevation Runoff
- **A:** Full Superelevation Rate (%)
- **Lc:** Normal Crown Slope
- **Lr:** Reverse Crown Superelevation at Normal Crown Slope (2%)