Transition length, \( L \), for a multilane highway

\[
L_{CT} = \frac{(CS)(W)}{G} \quad \text{(Metric)}
\]

Where:
- \( L_{CT} \) = calculated transition length (m)
- \( CS \) = percent change in cross slope of superelevated pavement,
- \( W \) = distance between the axis of rotation and the edge of traveled way (m),
- \( G \) = maximum relative gradient ("Table 2-9: Maximum Relative Gradient for Superelevation Transition").