NOTE:
Provide a transition length in ft that is not less than the value obtained by multiplying the effective overlay thickness in inches (difference between the existing and overlaid elevations) by the K value from the Table for the posted speed of the roadway.

\[ K \times (d_2 - d_1) \times 12 = T \]

(whichever applies), to obtain the transition length.

Minimum transition length = 30 feet

Example:
If the posted speed is 55 MPH
Effective overlay thickness = 2 inches
Then the maximum transition length = 2 inches \times \frac{12}{42.5} \text{ ft/in.} = 65 feet.

**K VALUE TABLE (R/in)**

<table>
<thead>
<tr>
<th>POSTED SPEED (MPH)</th>
<th>30</th>
<th>35</th>
<th>40</th>
<th>45</th>
<th>50</th>
<th>55</th>
<th>60</th>
<th>65</th>
<th>70</th>
<th>75</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>30</td>
<td>32.5</td>
<td>35</td>
<td>37.5</td>
<td>40</td>
<td>42.5</td>
<td>45</td>
<td>47.5</td>
<td>50</td>
<td>52.5</td>
</tr>
</tbody>
</table>

* Use a K Value of 30 for speeds less than 30 MPH.

OVERLAY - DEPTH TRANSITIONS