Southbound Clear Zone Line

Northbound Clear Zone Line

Values for Length of Roadside Travel

<table>
<thead>
<tr>
<th>Average Daily Traffic (ADT)</th>
<th>Design Speed &lt; 45</th>
<th>Design Speed &gt; 45</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADT &lt; 750</td>
<td>$L_{RT} = 150$</td>
<td>$L_{RT} = 200$</td>
</tr>
<tr>
<td>ADT &gt; 750</td>
<td>$L_{RT} = 190$</td>
<td>$L_{RT} = 250$</td>
</tr>
</tbody>
</table>

$CZ =$ CLEAR ZONE WIDTH

$CZ$_{SB} =$ CLEAR ZONE FOR SOUTHBOUND TRAFFIC

$CZ$_{NB} =$ CLEAR ZONE FOR NORTHBOUND TRAFFIC

$L =$ LENGTH OF ROADSIDE TRAVEL

$D_{SB} =$ DISTANCE FROM EDGE OF SOUTHBOUND TRAVEL LANE TO FAR SIDE OF AREA OF CONCERN OR TO OUTSIDE EDGE OF CLEAR ZONE WHICHEVER IS LEAST.

$D_{NB} =$ DISTANCE FROM EDGE OF NORTHBOUND TRAVEL LANE TO FAR SIDE OF AREA OF CONCERN OR TO OUTSIDE EDGE OF CLEAR ZONE WHICHEVER IS LEAST.

$L_u =$ GUARD FENCE LENGTH UPSTREAM OF AREA OF CONCERN

$L_p =$ GUARD FENCE LENGTH PARALLEL TO AREA OF CONCERN

$L_d =$ GUARD FENCE LENGTH DOWNSTREAM FROM AREA OF CONCERN

$L_{TOTAL} =$ LENGTH OF GUARD FENCE NEEDED

$L_{TOTAL} = L_u + L_p + L_d$