2. Refer to G.R.E.A.T'S for example.

5. Factor dimensions X and Y are calculated from Z values. X = Z/2 and Y = (Z/2) - curve length, in accordance with the X, Y and Z figure. Flare rate of 12:1. See Note 6 for application with other barrier types and restrictions. See Note 7 for other AADT volumes.

Details in this drawing are for barriers on straight sections of road. "Z" values for curved sections of road shall use the safety barrier terminology, shorthand and general requirements shall be in accordance with SD 3500.

Table A - Length "z" for Line A Safety Barriers (m) (See Note 4, 6 and 7)

<table>
<thead>
<tr>
<th>VEHICLES/DAY (AADT)</th>
<th>500,000</th>
<th>100,000</th>
<th>50,000</th>
<th>20,000</th>
<th>10,000</th>
<th>5,000</th>
<th>1,000</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Y</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Z</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Table A is calculated using the Safe System Design approach to barrier design. The X, Y and Z values are determined using the Safe System Design approach to barrier design and shall be in accordance with AASHTO 2011. The flare rate shall be in accordance with AASHTO 2011. The value of X, Y and Z may also be calculated from the X, Y and Z figure in Table A and rounded to the nearest whole number. The flare rate shall be in accordance with AASHTO 2011.

Reduced post spacing distances

X, Y and Z values

X = (L/r) - Curve Length

Y = (L/r) - Curve Length

Z = (L/r) - Curve Length

Notes:
1. Safety barrier design shall be in accordance with the AASHTO standard. The design shall be in accordance with the minimum width requirements of the safe system design approach. The design shall be in accordance with the AASHTO standard. The design shall be in accordance with the minimum width requirements of the safe system design approach. The design shall be in accordance with the AASHTO standard. The design shall be in accordance with the minimum width requirements of the safe system design approach. The design shall be in accordance with the AASHTO standard. The design shall be in accordance with the minimum width requirements of the safe system design approach. The design shall be in accordance with the AASHTO standard. The design shall be in accordance with the minimum width requirements of the safe system design approach. The design shall be in accordance with the AASHTO standard. 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