

## Manual For Streets SSD Calculator

Speed 28.6 mph

Speed 12.71111 m/s

t 1.5 s MfS 75.7 & MfS2 Table 10 for Light Veh  
d 4.5 m/ss MfS 75.7 & MfS2 Table 10 for Light Veh  
a 0 %

$$\begin{aligned} \text{SSD} &= vt + \frac{v^2}{2(d+0.1a)} \\ &= 19.06667 + \frac{161.5723}{9} \end{aligned}$$

$$\text{SSD} = 37.01915 \text{ m}$$

Total 39.41915 m