



Aerodynamic Resistance (Ra) consists of: در سوال نظر ہے

- Turbulent air flow around vehicle (85%).
- Friction of air over vehicle body (12%).
- vehicle component and air vents (3%).

Rolling Resistance (RL) consists of: در سوال نظر ہے

- From tire deformation (90%).
- Tire penetration and surface comp. (4%).
- Tire slippage and air circulation around wheel (6%).

Grade Resistance (Rg) consists of: در سوال نظر ہے

- Gravitational force acting with vehicle.

Braking distance  $d = \frac{v_1^2 - v_2^2}{2g(a/g \pm G_1)}$

(دور)  $\rightarrow$   $v_1$  (ابتدائی)  $\rightarrow$   $v_2$  (اختتامی)  $\rightarrow$   $G_1$  (درجہ)

Factors influencing highway design. در سوال نظر ہے

<http://www.fhwa.dot.gov/environment/flex/cho4.htm>