

16,500 Reduction in Vehicle Miles Traveled (VMT) Per Day

What does this mean for you?

Savings in Vehicle Operations

Example:

$$16,500 \frac{\text{VMT}}{\text{day}} \times 250 \frac{\text{business days}}{\text{yr}} = 4,125,000 \frac{\text{VMT}}{\text{yr}} \text{ (Savings)}$$

$$4,125,000 \frac{\text{VMT}}{\text{yr}} \times 98\% \left(\begin{array}{l} \text{trips with an origin/destination} \\ \text{or both within 5 miles} \end{array} \right) = \mathbf{4,042,500 \frac{\text{VMT}}{\text{yr}}} \text{ (26 Annual Savings in VMT per person)}$$

Time Savings

Example:

$$550 \frac{\text{hours}}{\text{day}} \times 250 \frac{\text{business days}}{\text{yr}} = 137,500 \frac{\text{hours}}{\text{yr}} \text{ (Savings)}$$

$$137,500 \frac{\text{hours}}{\text{yr}} \times 98\% \left(\begin{array}{l} \text{trips with an origin/destination} \\ \text{or both within 5 miles} \end{array} \right) = \mathbf{134,750 \frac{\text{hours}}{\text{yr}}} \text{ (52 Annual Savings in minutes per person)}$$

Cost Savings

Example:

$$4,042,500 \frac{\text{VMT}}{\text{yr}} \times \frac{\$0.485}{\text{mile}} \text{ (vehicle operating cost)} = \mathbf{\$1,960,613 \text{ Annual Savings}} \text{ (\$13 per person)}$$

Improved Air Quality

Reduction in hydrocarbon, carbon monoxide and nitrogen dioxide emissions

Improved Safety

Fewer crashes/accidents resulting from less exposure