

## Minot International Airport Access Road

### TIGER IV Application

#### CO2 Savings

##### Walking-Bike Paths

CO2 Reduction Savings	
Total annual CO2 reduction (lbs)	8264.6
lbs per metric ton	2204.6
CO2 produced per kWh burned	1.37
kWh per US gallon of gasoline	36.6
CO2 market price per metric ton	\$ 40
CO2 produced per US gal of gasoline	19.6

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<b>Financial benefit from CO2 Reduction</b>	<b>\$ 150</b>	<b>Annually</b>
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##### Idling Vehicles

CO2 Reduction Savings	
Total annual CO2 reduction (lbs)	
lbs per metric ton	2204.6
CO2 produced per kWh burned	1.37
kWh per US gallon of gasoline	36.6
CO2 market price per metric ton	\$ 40
CO2 produced per US gal of gasoline	19.6

Every 30 minutes of idling costs approximately one-tenth of a gallon in fuel – and more than three-tenths of a gallon if the vehicle has an eight-cylinder engine.

0.016666667 Gallons burned per 5 minutes of idling

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<b>Financial benefit from CO2 Reduction</b>	<b>\$ 2,906</b>	<b>2014</b>
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