



Environmental Benefits

Emissions reductions

Emissions reductions forecast per year after CREATE projects are completed:

- Pollution Reduction from locomotive emissions
 - Nitrogen Oxides (NOx) - 1,453 tons
 - Carbon Monoxide (CO) - 225 tons
 - Volatile Organic Compounds (VOC) - 80 tons
 - Particulate Matter – 51 tons
- Pollution Reduction from highway vehicle delay
 - NOx – 6 tons
 - CO – 213 tons
 - VOC – 24 tons
- Once CREATE is in full operation, NOx reductions will be the equivalent of 7 NOx free summer days.

Energy conservation

- Annual railroad diesel fuel savings of 7 to 18 million gallons.

Rail is the most environmentally friendly mode of land transport

- Moving freight by rail is four times more fuel efficient than other over-the-road alternatives.
- One gallon of fuel moves one ton of freight 436 miles by rail.
- Hauling one ton of freight coast to coast consumes 7 gallons of fuel by train versus 27 gallons of fuel by truck.
- A single intermodal train can take 280 trucks off the highways – the equivalent of 1,100 cars.
- 500 trucks would be required to move as much freight as a single bulk commodity train.

Congestion reduction

- New overpasses and underpasses at railroad crossings will save motorists 3,000 hours per day.
- Full CREATE operation will reduce motorist delay at grade crossings by 27 percent.