

Congestion Reduction

- New overpasses and underpasses at railroad crossings throughout the Chicago region and avoidance of trucks traveling on the highways due to increased rail capacity will save motorists 2,400 hours per day and bus passengers 1,400 hours per day.

Energy Conservation

- Completion of CREATE will allow trucks and locomotives to save 101 million gallons of diesel fuel over 30 years, or 3.4 million gallons annually.
- Idling cars burn on average one gallon of fuel every three hours.¹ Due to reduced delay at grade crossings and on highways, cars will save 200,000 gallons of gasoline on average each year.

Emissions Reductions

- Diesel exhaust contains more than 40 toxic air contaminants. Diesel emissions can cause both short and long term health effects, including irritation, nausea, asthma, and lung cancer.²
- Completion of CREATE will allow for reduced fuel consumption by on-road vehicles and increased use of fuel-efficient rail to move freight.
- Emissions avoided once CREATE is complete include the following on an average annual basis over a 30-year text message:
 - 36,000 metric tons (MT) of Carbon Dioxide (CO₂), equivalent to the emissions from providing electricity for 5,000 homes for one year;³
 - 155 MT of Nitrous Oxide (NO_x), equivalent to the emissions from 2 million propane cylinders;
 - 5 MT of Particulate Matter, equivalent to the emissions from burning 25 million kilograms of wood.⁴
- Emissions savings during a 30 year period are valued at over \$235 million.

Rail is the Most Environmentally Friendly Mode of 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 476 miles by rail.
- Moving freight by rail instead of trucks lowers greenhouse gas emissions by 75 percent.
- A single intermodal train can take hundreds of trucks off the highways.
- If just 10 percent of the long-distance freight that moves by truck were moved by rail instead, fuel savings would be approximately one billion gallons per year and greenhouse gas emissions would fall by approximately 11 million tons – equivalent to taking nearly 2 million cars off the road or planting more than 250 million trees.

¹ US Department of Energy

² California Office of Environmental Health Hazard Assessment

³ <http://www.epa.gov/cleanenergy/energy-resources/calculator.html#results>

⁴ <http://www.epa.gov/burnwise/pdfs/fireplacefactsheet.pdf>