

environmental benefits



Emissions Reductions:

Significant improvements upon completion of the CREATE Program

- Pollution Reduction from locomotive emissions
 - Nitrogen Oxides (NOx) – 1,453 tons per year
 - Carbon Monoxide (CO) – 225 tons per year
 - Volatile Organic Compounds (VOC) – 80 tons per year
 - Particulate Matter – 51 tons per year
- Pollution Reduction from highway vehicle delay
 - NOx – 6 tons per year
 - CO – 213 tons per year
 - VOC – 24 tons per year
- Once CREATE is in full operation, NOx reductions will be the equivalent of seven NOx-free summer days.
- Moving freight by rail instead of truck reduces gas emissions by 75%, on average.

Energy conservation

- Completion of CREATE will allow railroads to save 7 to 18 million gallons of diesel fuel annually.

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 480 miles by rail.
- Hauling one ton of freight from coast to coast consumes 7 gallons of fuel by train versus 28 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 throughout the Chicago region will save motorists 3,000 hours per day.
- Full CREATE implementation will reduce overall regional motorist delay at grade crossings by 27 percent.