Railroads: Part of the Solution

Michael J. Rush
Association of American Railroads

Freight Rail Works.

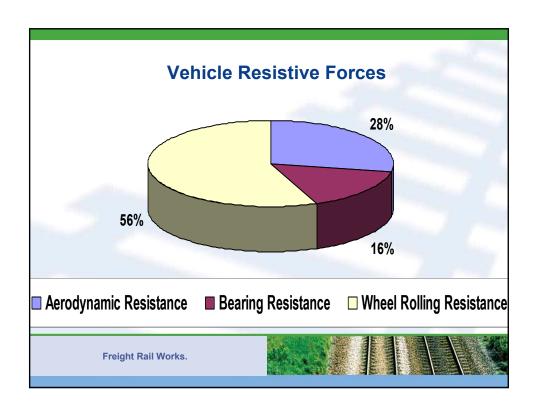
Emissions Standards

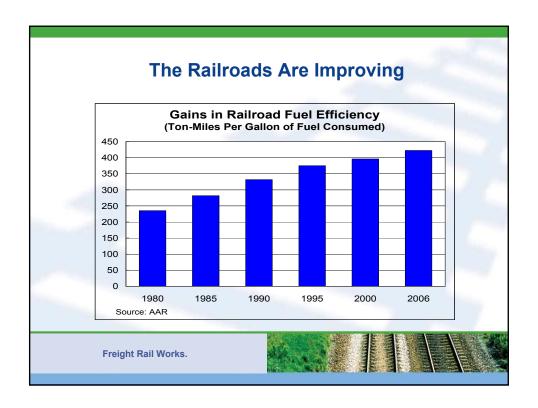
- 1998 manufacturing standards: Tiers 0,1,2
- 1998 remanufacturing standards: post-1972 locomotives
- 2008 remanufacturing standards: previous standards made tighter
- 2008 manufacturing standards: Tiers 3,4
- 2015: the beginning of the aftertreatment era

Freight Rail Works.









The Railroad Advantage

- 3x more fuel efficient than trucks
- 35% more fuel efficient than marine
- RRs reduce congestion: a single train can take 280 trucks off the highway

Freight Rail Works.





