

Ventura County Transportation Commission: Port Of Hueneme

UPRR Presentation – November 2nd, 2012

150 YEARS

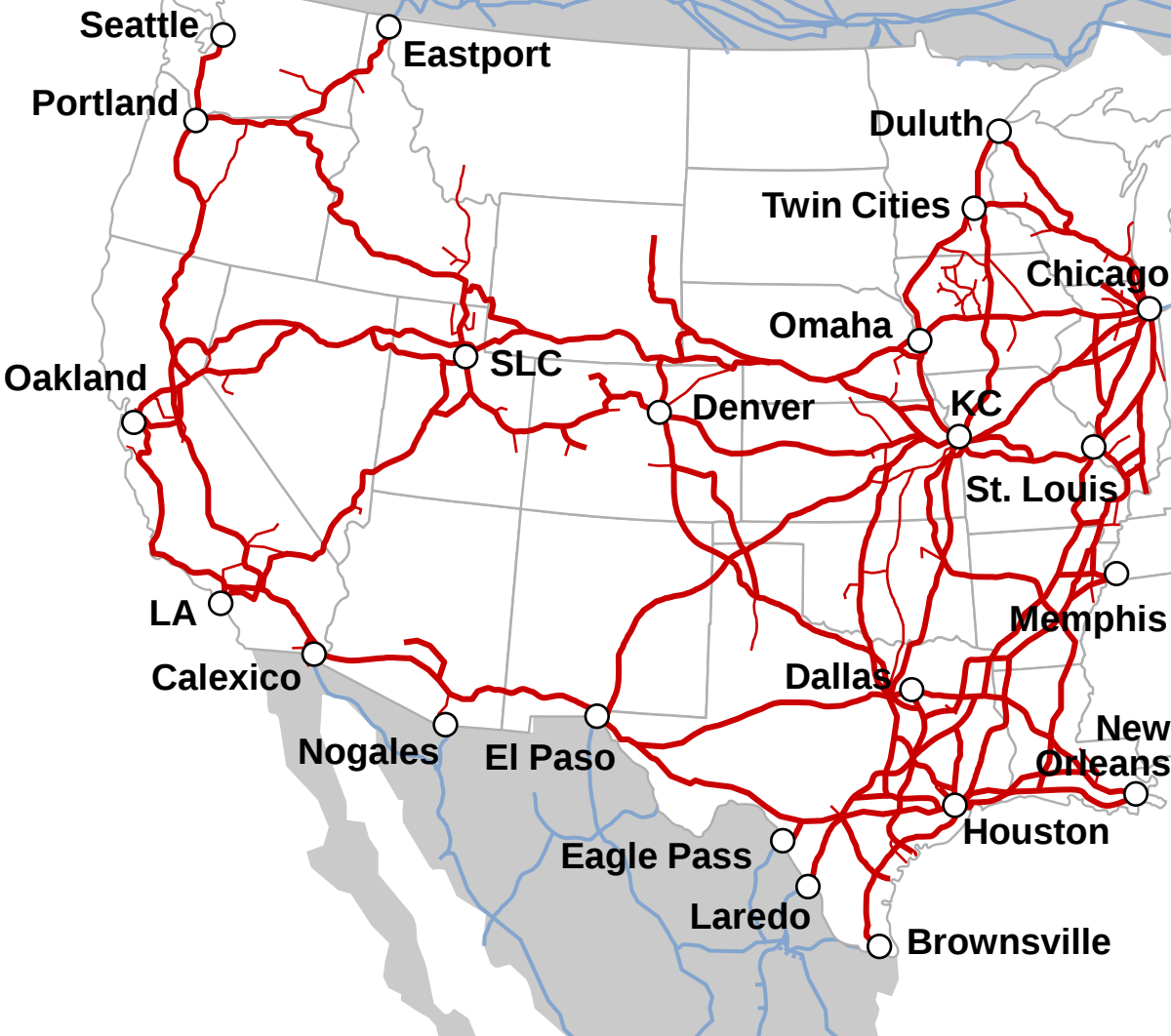


BUILDING AMERICA®

Building America for 150 Years



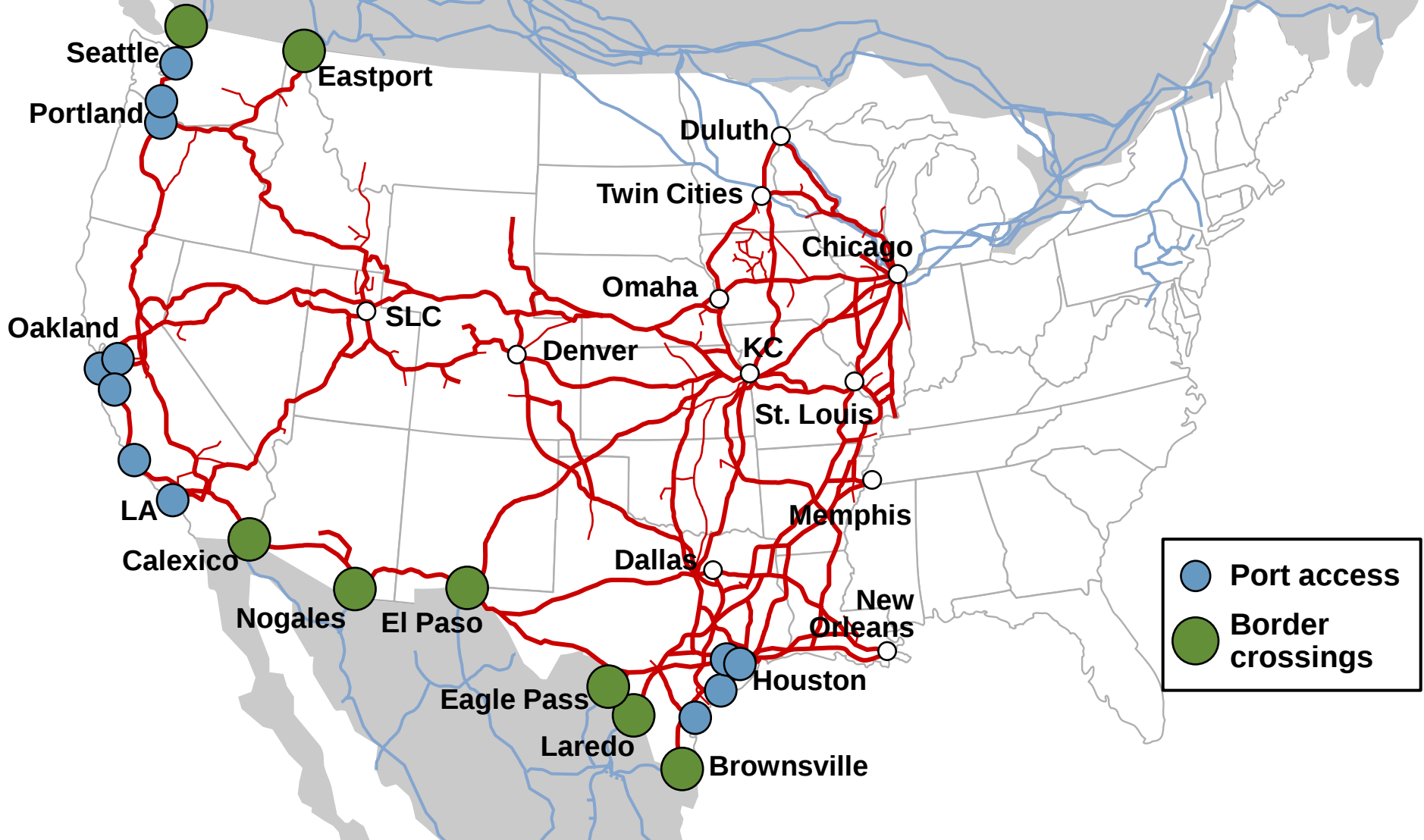
Union Pacific System



2011 Fast Facts (Year End)

• Operating Revenue	\$19.6 B
• Route Miles	32,000 in 23 States
• Employees	45,000
• Annual Payroll	\$4.0 B
• Customers	10,000
• Locomotives	8,200

Strength of a Unique Franchise

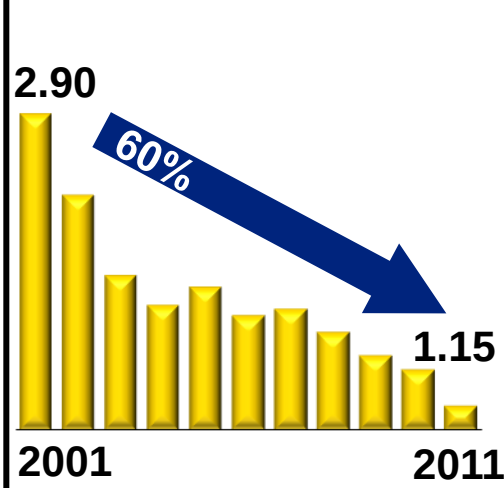


Safety - Top Priority at Union Pacific



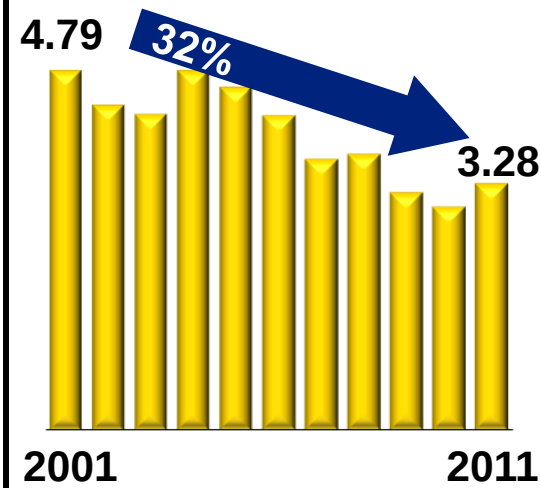
Employee

*Reportable Injuries
Per 200,000 Man-Hours*



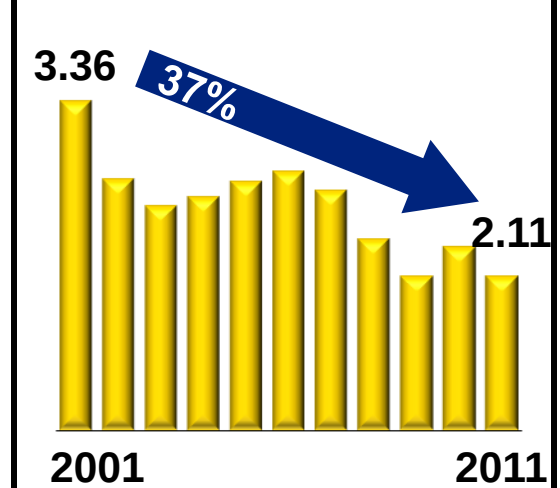
Customer

*Reportable Derailments
Per Million Train Miles*



Public

*Grade Crossing Accidents
Per Million Train Miles*

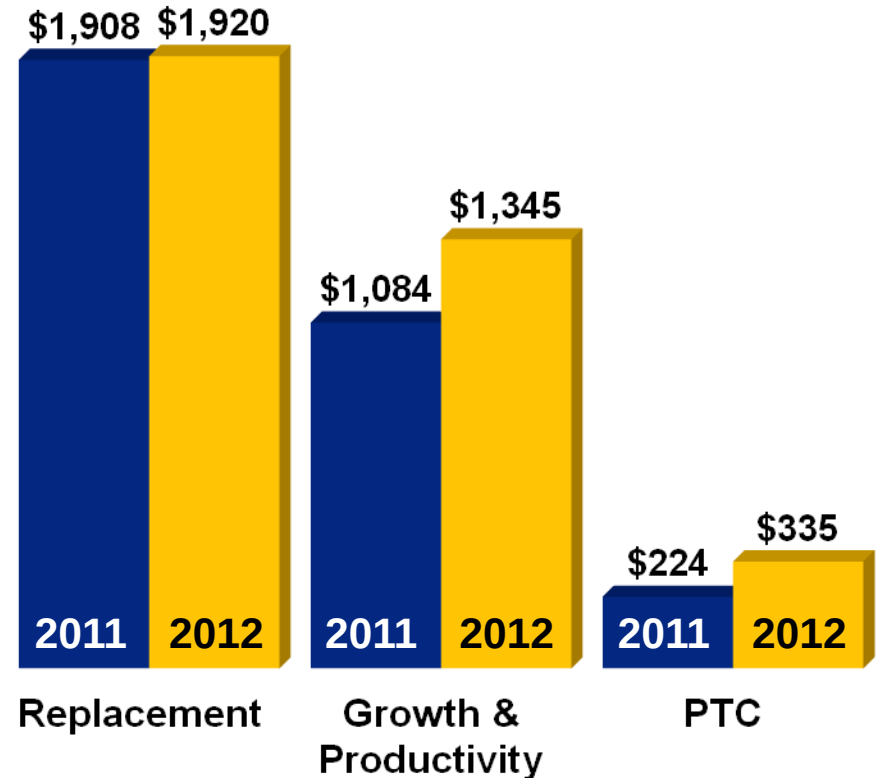


Record 2012 Capital Plan

Replacement, Growth & Productivity

- \$3.6± billion in 2012
- Safe and resilient infrastructure
- Increased capacity spending
- 200 new locomotives
- Increased PTC spend

2012 vs. 2011 Capital*
(\$ In Millions)

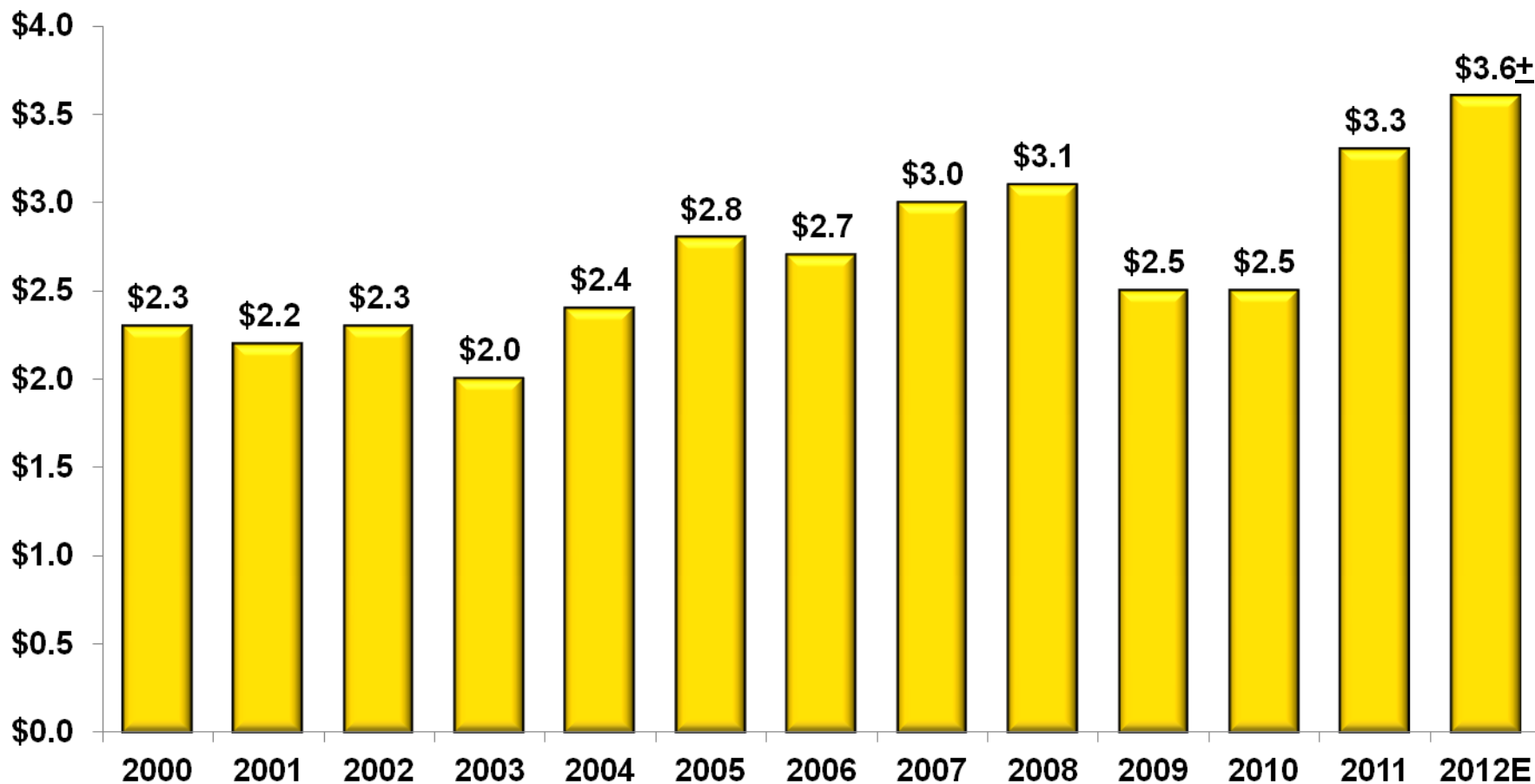


*Includes cash capital, leases and other non-cash capital

UP Capital Spending Trends

In Billions

~\$35 Billion since 2000*



*Includes Cash Capital, Leases and Other Non-Cash Capital

Who Pays for Freight Transportation Capacity?

One mile of highway:

- **Cost: \$15 million**
- **Charge to: taxpayers**



One mile of rail:

- **Cost: \$2-3 million**
- **Charge to: private industry**



Railroads Reduce Highway Congestion

Annual highway congestion . . .

- Exceeds 4.8 billion hours
- Wastes 1.9 billion gallons of fuel
- Costs \$101billion

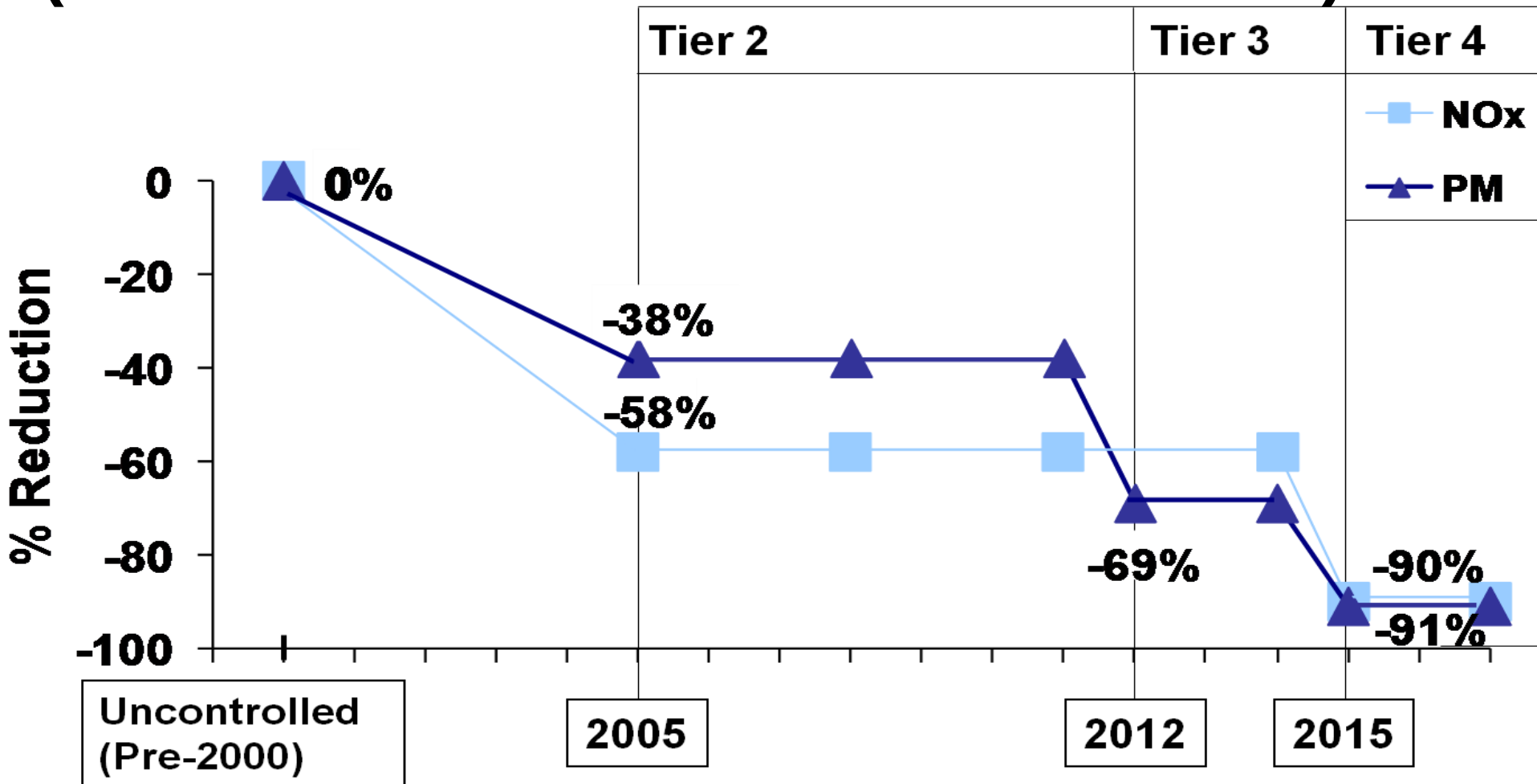
Solution

- Each train takes up to 300 trucks off congested highways

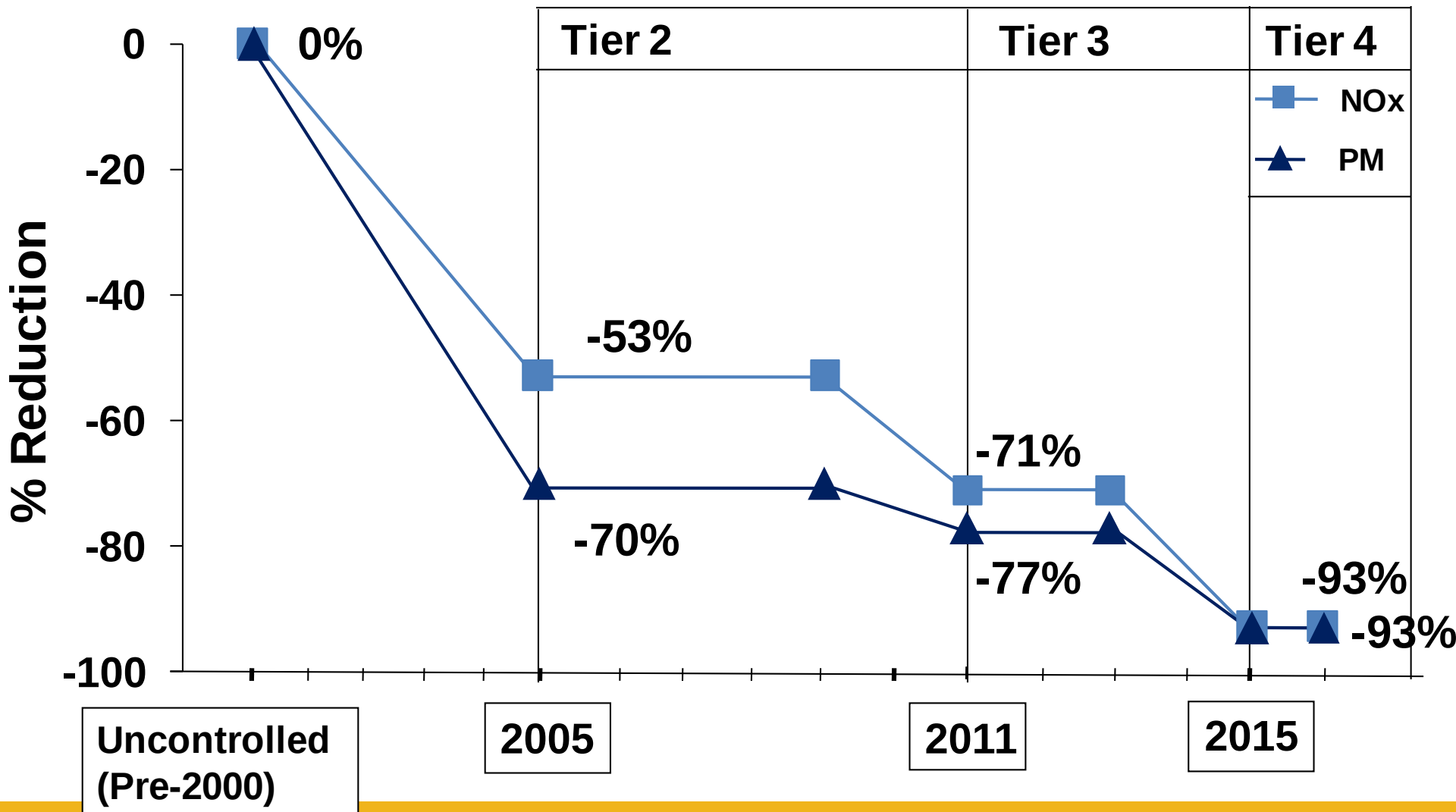
Source: Urban Mobility Report



EPA Line-haul Locomotive Standards (% Reduction from Uncontrolled Levels)



EPA Switcher Locomotive Standards (% Reduction from Uncontrolled levels)



UPRR 9900 Experimental Locomotive

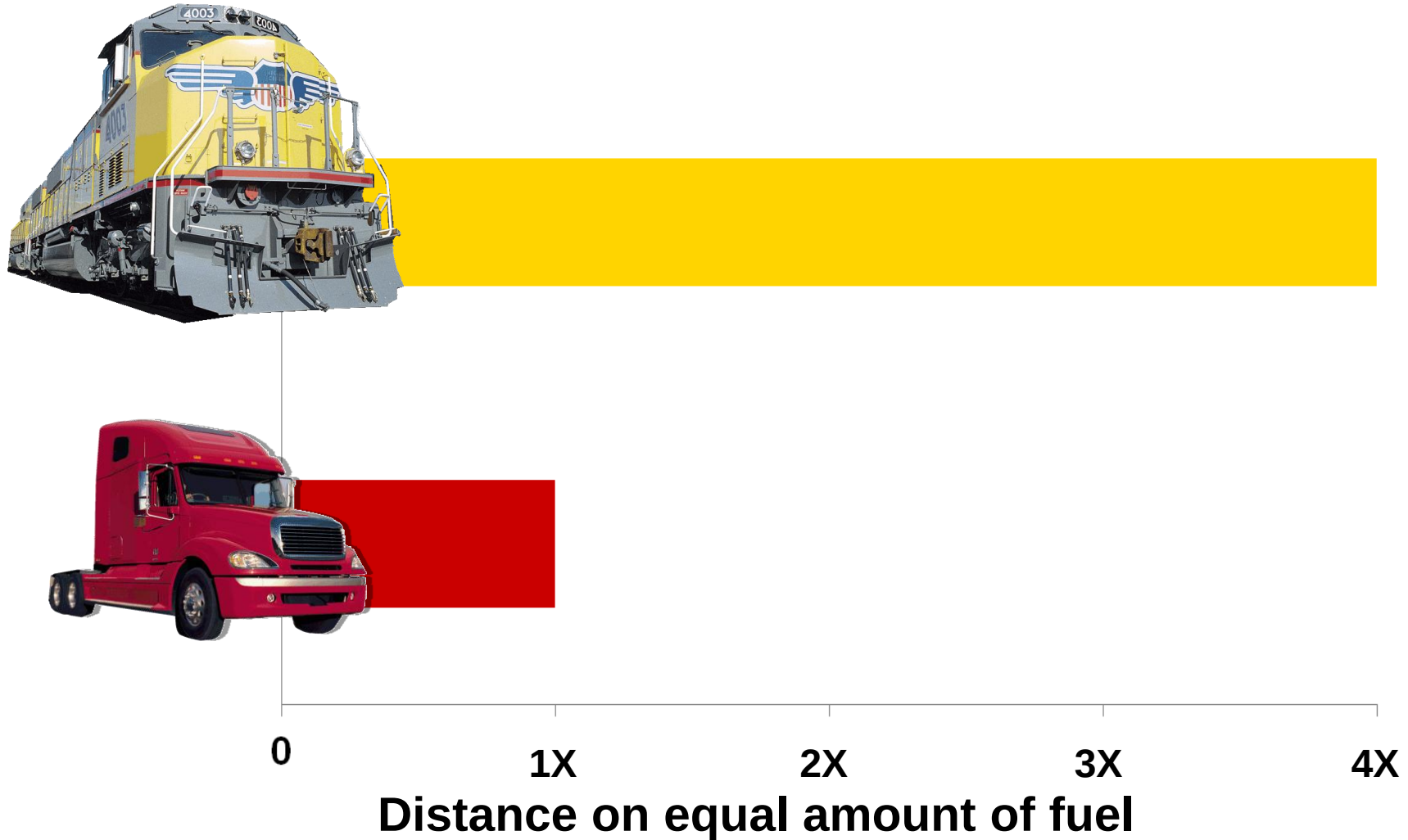
- First EMD locomotive to be simultaneously equipped with three types of emissions-reducing technology : EGR, DOC and DPF.
- Tier 2 compliant, 3000 horsepower base locomotive engine
- Testing 15 in Roseville; 9 in Southern California
- Expected to achieve Tier 4 levels
- Parts compatibility, fuel savings, known engine components
- Need time to test prototypes



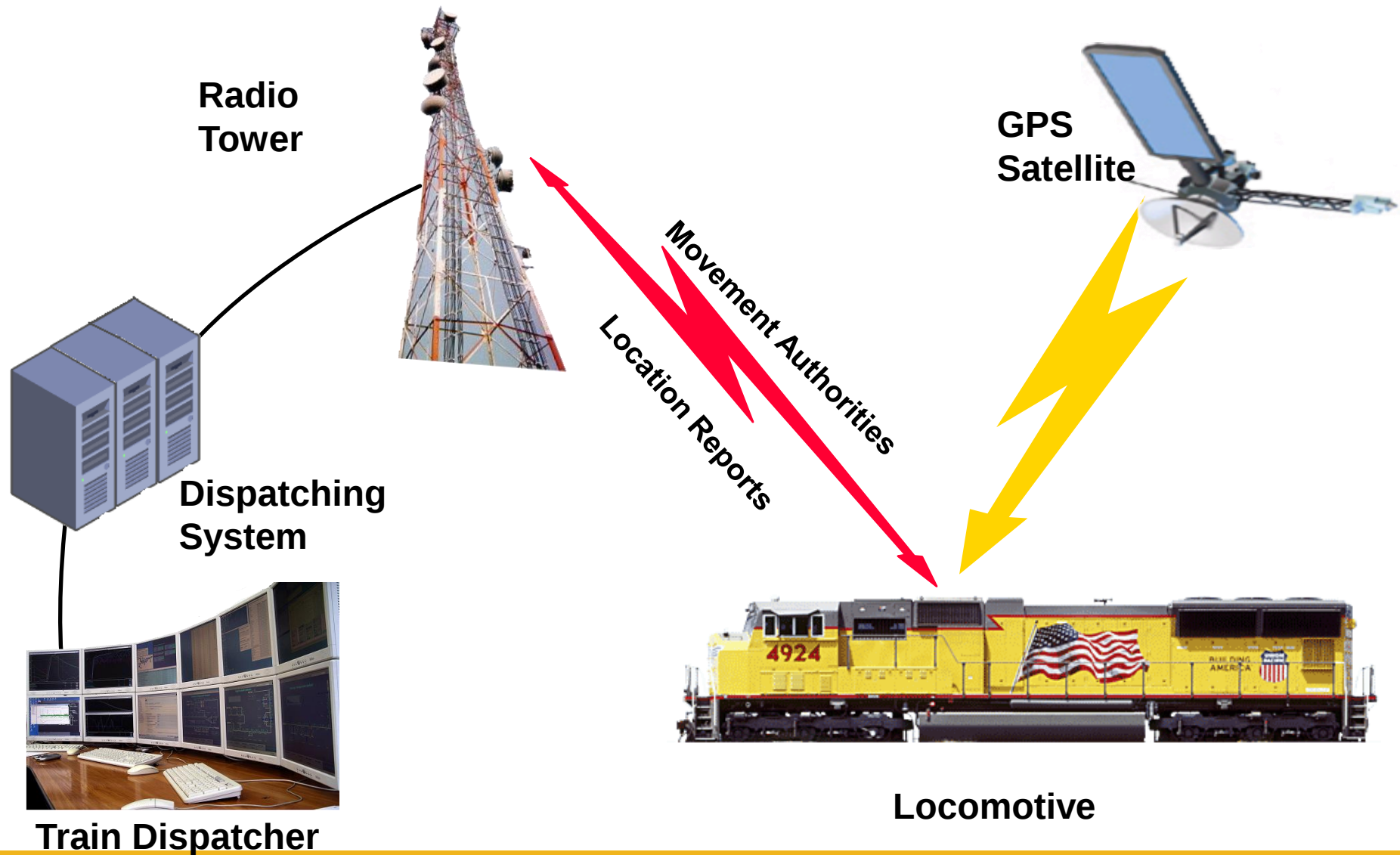
EMD 710-12 cylinder
(3000 HP) engine

Four Times More Fuel Efficient

Rail vs. Trucks



Positive Train Control



Supporting Our Communities

UP Foundation Grants for
Qualified Nonprofit
Organizations 501 (c) 3

Support & Sponsor local
events

