



U.S. Department of Transportation
Federal Railroad Administration

Joseph C. Szabo,
Administrator



21st Century Challenges



Population Growth

+100 million people
(2010-2050)

(Source: U.S. Census Bureau)



Oil Dependency

14m barrels/day for
transportation.

(Source: U.S. Energy Information Administration)



Congestion

\$120 billion/year

(Sources: Texas Transportation Institute)



Climate Change

+17% GHG emissions
(1990-2007)

(Source: U.S. Environmental Protection Agency)



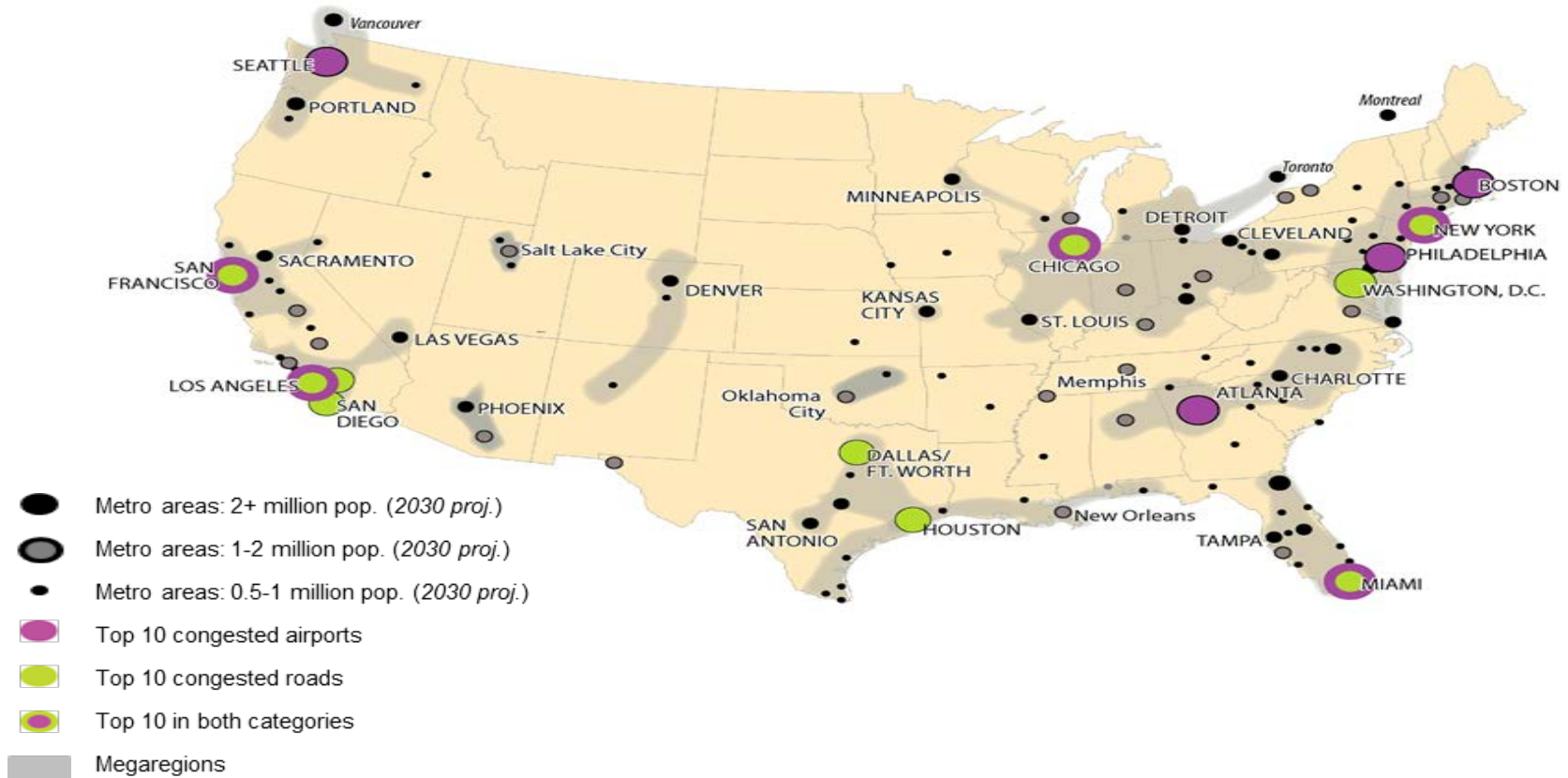
High Costs

\$1 trillion per year

(Source: Bureau of Transportation Statistics)

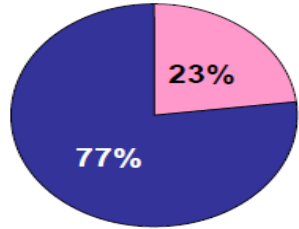
Five challenges
we *must* address
to remain
economically
competitive in the
21st century and
beyond

Highway and Airport Congestion

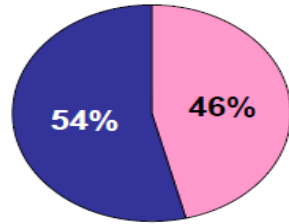


Rail Gaining Market Share

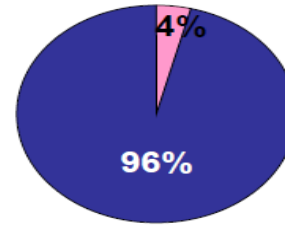
New York-Washington



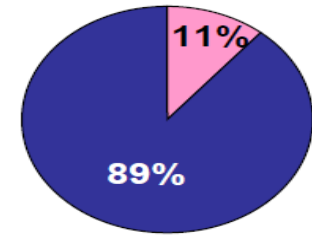
New York-Boston



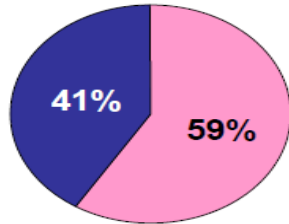
Los Angeles-San Diego



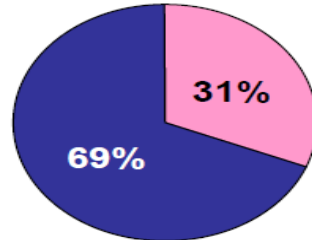
Chicago-Milwaukee



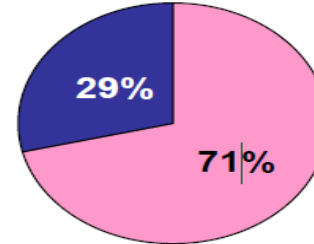
St. Louis-Kansas City



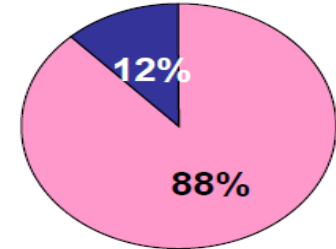
Seattle-Portland



Chicago-St. Louis



Chicago-Detroit



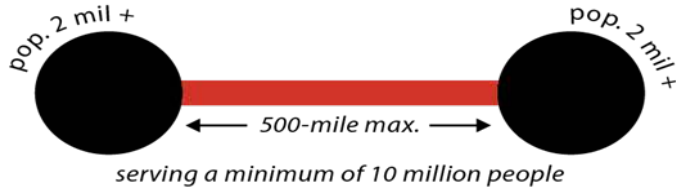
All data as of
1Q FY 2012

Air market share

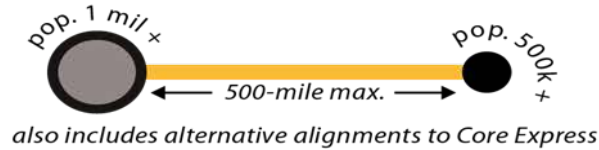
Rail market share

Source: Amtrak

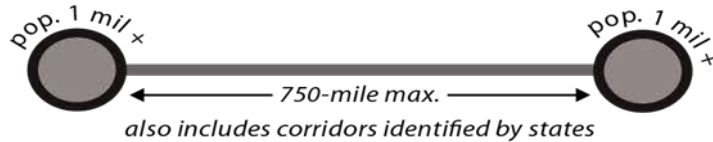
Market-Driven Approach



Core Express – Electric, dedicated track (125-250+ mph)



Regional – Dedicated and shared track (90-125mph)



Emerging – Shared track (up to 90mph)



Progress Since 2009



6,000
corridor miles



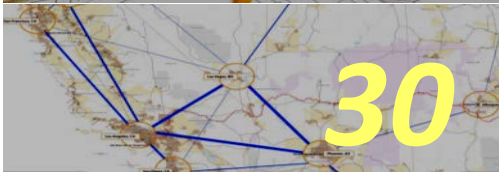
40
stations



260
105
3
passenger cars
locomotives
trainsets

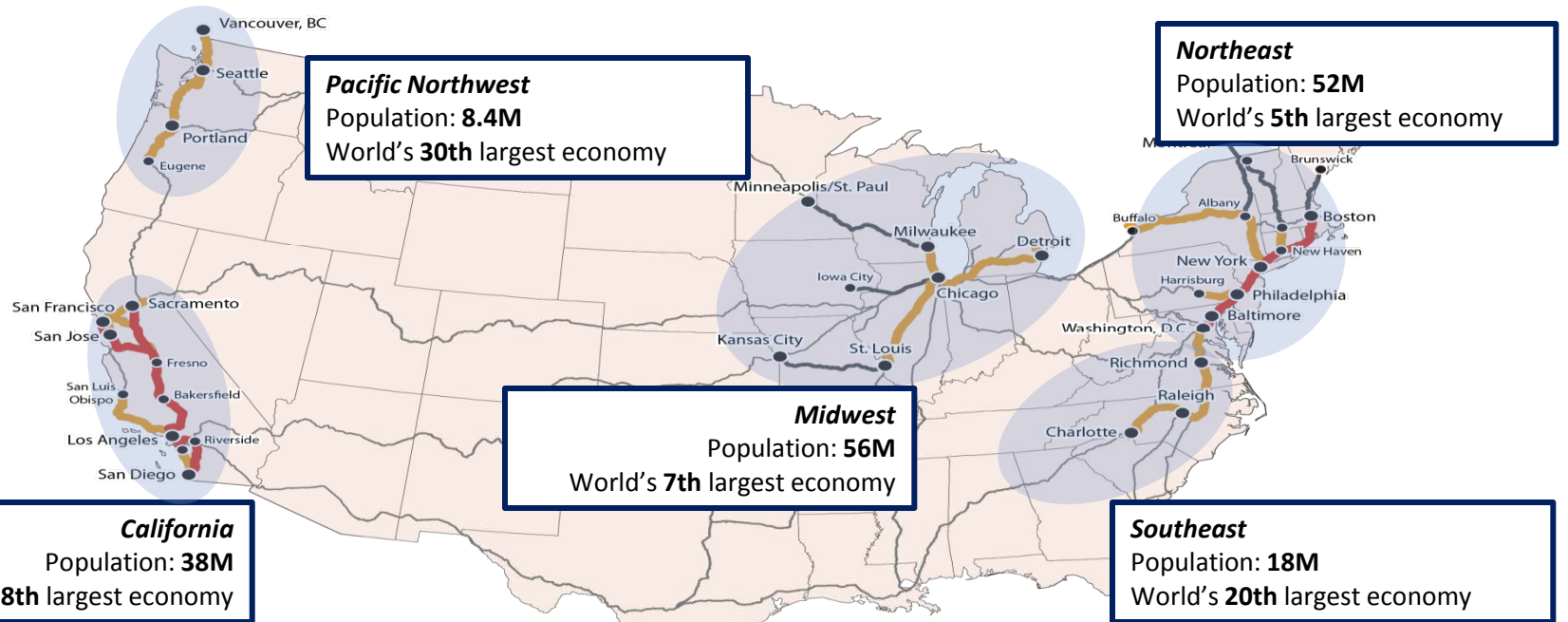





75
engineering/environmental studies



30
state rail & service development plans

Regions of Significant Investment



-  Core Express
-  Regional
-  Emerging



San Francisco



Normal, IL



Brunswick, ME



Denver



Sacramento



Washington, DC



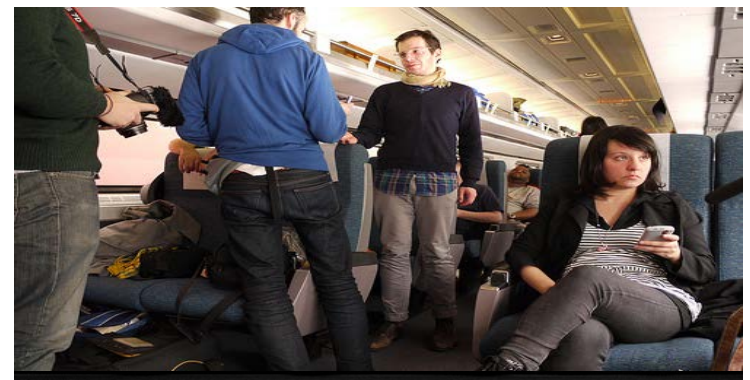
Young Americans' Transportation Habits Change Over Last Decade



40% Transit



23% Driving



**THIS IS THE FIRST PROJECT
IN THE UNITED STATES
COMPLETED UNDER PROVISIONS OF THE NEW
FEDERAL AID HIGHWAY ACT OF 1956
EIGHT MILES CONCRETE PAVEMENT ON US-40
INTERSTATE ROUTE NO. 1
STATE HIGHWAY COMMISSION OF KANSAS**

