

U.S. Japan Research Institute

*Social Innovation through Railroad Innovation:
Japan's Experience and Possibilities for U.S.-Japan Cooperation*

September 4, 2014



Transcontinental Railroad

Promontory Summit, Utah

May 10, 1869





**FOR EVERY AIRPLANE TRIP
BETWEEN WASHINGTON, D.C.
AND NEW YORK CITY**



**THERE ARE THREE TRIPS
TAKEN ON AN AMTRAK® TRAIN**

Young people are changing travel



40% Transit



23% Driving



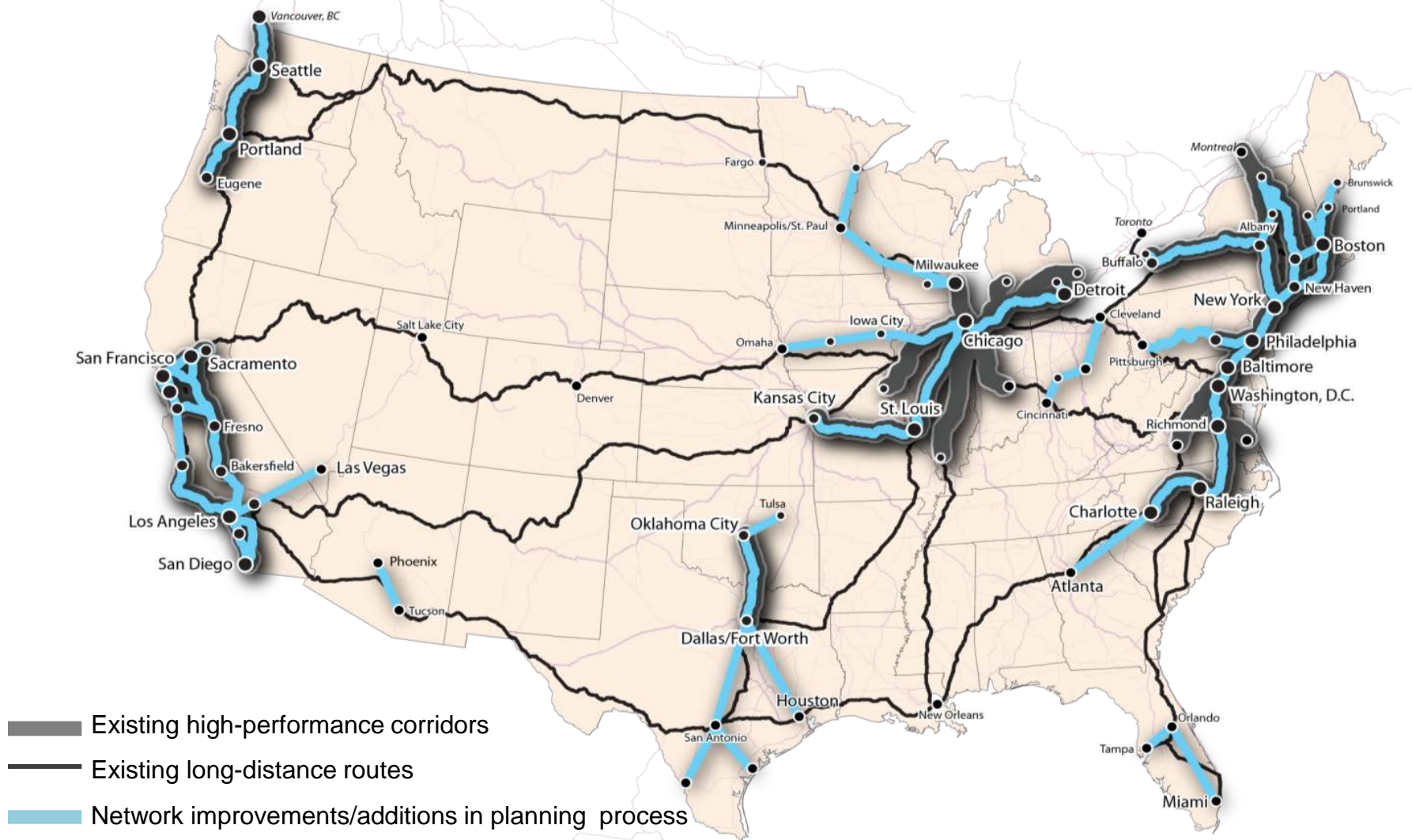
California HSR System



The pipeline of future projects is strong

When this network is built—

- The U.S. will have **10,500** high-performance rail corridor miles.
- **225M** Americans (**72% of U.S.**) will have access to rail transportation.
(190M by corridor trains; 35M by long-distance trains only)



Nippon Sharyo



New Stations ...

... New Development

Meeting the Growing Market Demand

New programs to promote market-based investments in enhancing and growing rail

- **\$19 billion investment package** from Rail Account of Transportation Trust Fund
- Addresses both **current needs and future improvements**
- Approx. 40% dedicated to **“one-time” backlog needs**

National High-Performance Rail System (\$M)		
	FY 2015	Total (FY15-18)
CURRENT PASSENGER RAIL SERVICE	2,450	9,500
Northeast Corridor	550	2,600
State Corridors	225	600
Long-Distance Routes	850	3,120
National Assets, Legacy Debt, and Amtrak PTC	475	1,780
Stations - ADA Compliance	350	1,400
RAIL SERVICE IMPROVEMENT PROGRAM	2,325	9,550
Passenger Corridors	1,300	6,400
Commuter Railroads - PTC Compliance	825	2,350
Local Rail Facilities and Safety	125	500
Planning & Workforce	75	300
TOTAL	4,775	19,050



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