

# 2017

# FRA Rail Program Delivery

## Meeting

# Connecting & Transforming California

Dan Richard, Chairman

California High-Speed Rail  
Authority Board of Directors

# Infrastructure 2050: The Vision



# Infrastructure 2050

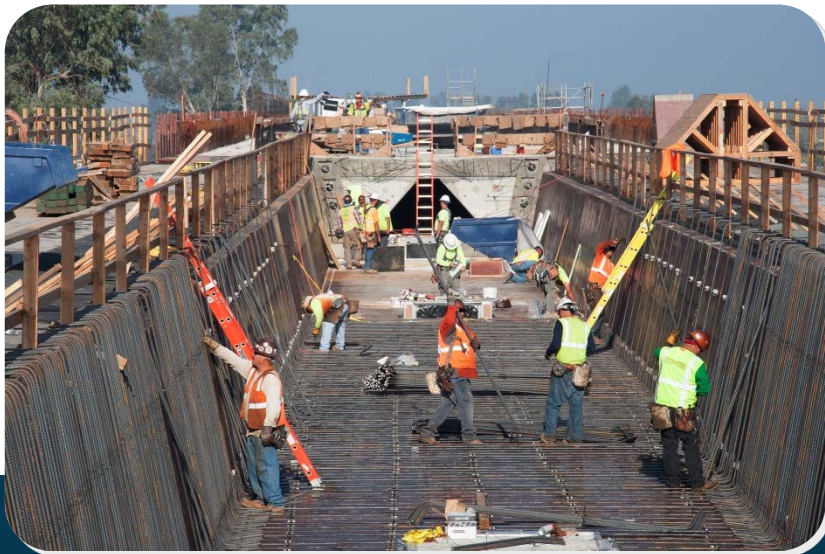
- ▶ 50 million Californians
- ▶ Low-Carbon Innovation
- ▶ Local and State Spending = \$2.5 Trillion
- ▶ HSR Share < 5%
- ▶ HSR = Backbone to link communities to opportunity
  - ▶ Silicon Valley to Central Valley (east-west)
  - ▶ SF to San-Diego/Tijuana Region (north-south)

# Status of High-Speed Rail in California



# Valley-Valley Line: It's Happening

- ▶ 119-Miles Under Construction
- ▶ 1400 workers; largest project in US
- ▶ Over \$3 Billion Investment
- ▶ Planning & Design Advancing on All Phase 1 Project Sections



# HSR: Economic Impacts

- ▶ \$3.5 to \$4.1 Billion in Economic Output
- ▶ \$1.3 to \$1.6 Billion Labor Income
- ▶ 630 Private Sector Firms
  - ▶ From 35 Different States
- ▶ 407 Small Businesses
  - ▶ 116 Disadvantaged Business Enterprises
  - ▶ 45 Disabled Veteran Business Enterprises
- ▶ 1400 Craft Laborers



# Major Accomplishments



# Program Milestones

- ▶ ARRA Accomplishments & Expenditures
- ▶ Economic Impact Report
- ▶ Early Train Operator (ETO)
- ▶ 100% Buy America
- ▶ NEPA Assignment Application



*High-Speed Rail:*  
Investing in California's Economy  
September 2017





# Next Steps

# 2018/2019

- ▶ 2018 Business Plan
- ▶ Advance
  - ▶ Construction in Central Valley
  - ▶ Planning & Design of Phase 1 System
- ▶ Complete NEPA Assignment Application
- ▶ Track and Systems Infrastructure Procurement and Installation
- ▶ Rolling Stock Procurement
- ▶ Station Vision and Design Advancement

# Opportunities & Challenges

# Opportunities

- ▶ Innovative Project Delivery
- ▶ Private Financing Potential (P3)
- ▶ New Partnership Models
- ▶ Developing a New Industry in America
- ▶ Connecting California
- ▶ Economic Development

# Challenges & Mitigation

- ▶ Funding/Financing
- ▶ Qualified Workforce
- ▶ Manufacturing/Supply Chain
- ▶ Litigation

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# Thank you!

Dan Richard

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