

HIGH-SPEED RAIL OVERVIEW & ENVIRONMENTAL PROCESS



HIGH-SPEED RAIL: MORE THAN A TRANSPORTATION PROGRAM

- California is One of the Largest Economies in the World
- Transformative Investment
- Connects California's Major Population Centers



WHY HIGH-SPEED RAIL IN CALIFORNIA?

- Population is Growing
 - » 50 Million by 2050
- Addressing Congestion
 - » Highway: Six of top 30 congested urban areas in US are in California
 - » Airways: LAX to SFO is the busiest short-haul market in US
 - » Railways: Freight and passenger service share tracks
- A “Clean” Transportation Mode
 - » Meets goals of AB 32 / SB 375
 - » Electrically powered, 100% renewable energy commitment
- An Efficient and Less Expensive Alternative
 - » Best in class 100-600 miles
 - » HSR is 2-3 times less expensive



CONNECTING CALIFORNIA

- Phase 1:
 - » 520 miles
 - » San Francisco to Los Angeles/Anaheim

- Phase 2:
 - » Extends 300 miles
 - » Connections to Sacramento & San Diego



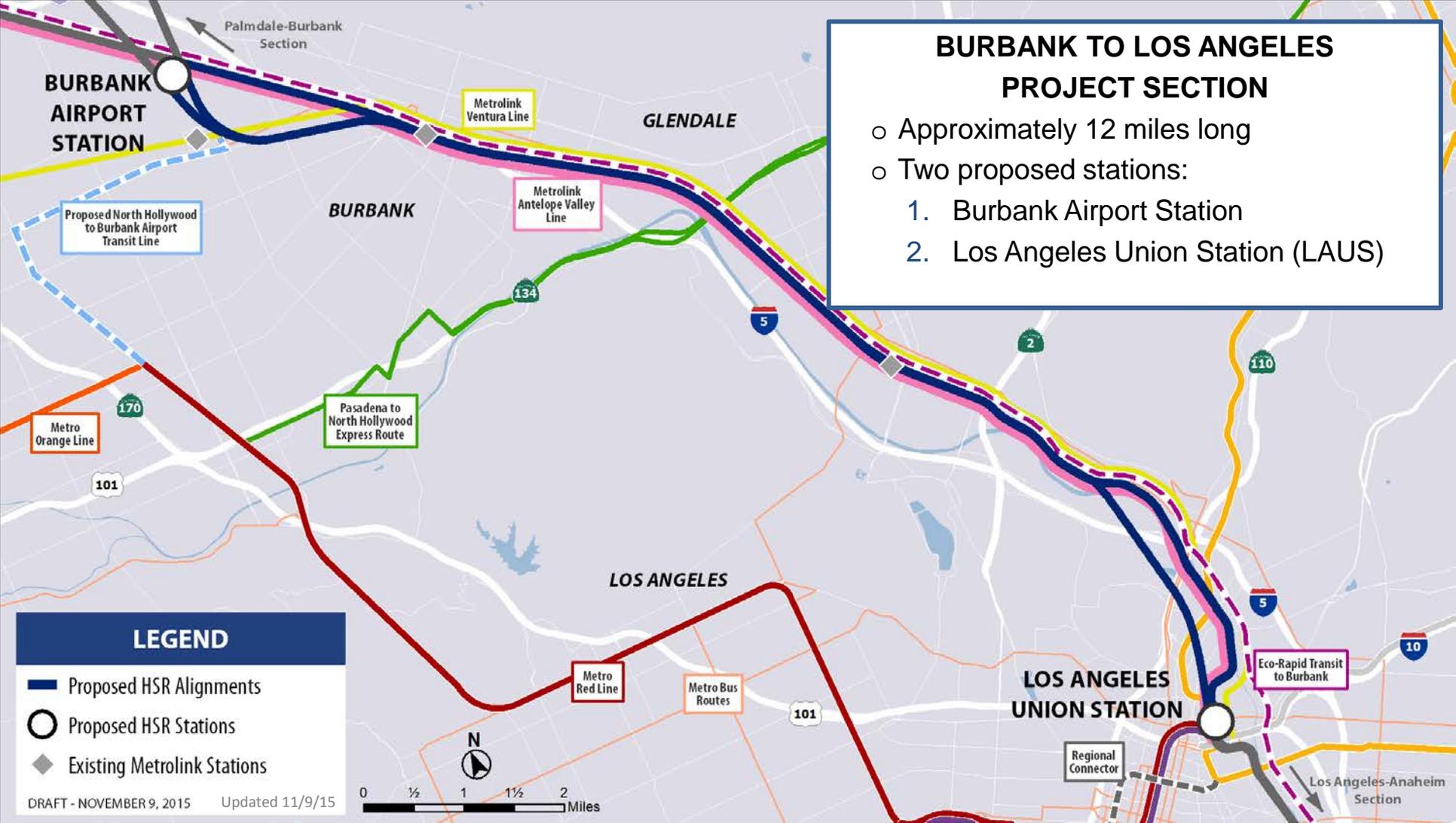
WHY HIGH-SPEED RAIL IN BURBANK TO LOS ANGELES?

- Provides a new transportation choice that completes connection to downtown Los Angeles
 - » Immediate connection to full range of transportation modes in metropolitan Los Angeles
 - » One-seat ride from San Francisco to Los Angeles



BURBANK TO LOS ANGELES PROJECT SECTION

- Approximately 12 miles long
- Two proposed stations:
 1. Burbank Airport Station
 2. Los Angeles Union Station (LAUS)



LEGEND

- Proposed HSR Alignments
- Proposed HSR Stations
- ◆ Existing Metrolink Stations

DRAFT - NOVEMBER 9, 2015 Updated 11/9/15



ENVIRONMENTAL PLANNING PROCESS



KEY CONSIDERATIONS

Alternatives Analysis



- Design Objectives
- Land Use
- Disruption to Communities
- Environmental Resources
- Agency and Public Input

Environmental Documents



- Aesthetics & Visual Quality
- Agricultural, Farm & Forest Land
- Air Quality & Global Climate Change
- Biological Resources & Wetlands
- Cultural Resources
- Cumulative Impacts
- Electromagnetic Interference/Fields (EMI/EMF)
- Environmental Justice
- Geology, Soils, Seismicity & Paleontology
- Hazardous Materials & Wastes
- Hydrology & Water Resources
- Station Planning, Land Use & Development
- Noise & Vibration
- Parks, Recreation & Open Space
- Public Utilities & Energy
- Regional Growth
- Safety & Security
- Socioeconomics & Communities
- Transportation
- Section 4(f) & Section 6(f) Evaluations

BURBANK TO LOS ANGELES TIMELINE



2007

- *Environmental Scoping*



**2009
to
2016**

- *Preliminary Alternatives Analysis*: Initial evaluation of alternatives
- *Supplemental Alternatives Analysis*: Introduced additional alternative
- *Continued Development of Alternatives*: Design refinements
- *Supplemental Alternatives Analysis*: Board Report



TODAY

- *Project Update and Stakeholder Engagement*