

# SOUTHERN CALIFORNIA PROJECT SECTION UPDATE

January 25, 2022



# CONNECTING CALIFORNIA

## CALIFORNIA HIGH-SPEED RAIL



**Increase Mobility**



**Needed Alternative**



**Better Air Quality**



**Job Growth**



# CONNECTING CALIFORNIA

## PROGRAM HIGHLIGHTS

### Phase I:

- 520 Miles
- San Francisco to Los Angeles/Anaheim
- 119 miles under construction

### Phase II:

- After Phase 1 - Extends 300 Miles
- Connections to Sacramento and San Diego

Travels at approximately **200 mph**

Up to **24 Stations**



# CONNECTING CALIFORNIA

## CALIFORNIA HIGH-SPEED RAIL

Approximately 23 Million Residents

### 4 Project Sections

#### 13 Congressional Districts

#### 12 State Senate Districts

#### 15 State Assembly Districts

#### 22 Cities

Bakersfield	Colton
Tehachapi	Buena Park
Lancaster	Commerce
Palmdale	Fullerton
Santa Clarita	Grand Terrace
Los Angeles	La Mirada
Burbank	Montebello
Glendale	Norwalk
Anaheim	Pico Rivera
Barstow	Santa Fe Springs
Bell	Vernon

#### 4 Counties

Kern County	San Bernardino County
Los Angeles County	Orange County

#### Supporting Agencies

Kern COG	Metrolink
Caltrans	LOSSAN
SCAG	Amtrak
RCTC	Brightline
OCTA	Gateway Cities COG
SBCTA	NCTC
Metro	

#### BNSF Railway

#### Union Pacific Railroad



# PROJECT UPDATE

## PROJECT PROGRESS

### Today:

- » Nearly 300 miles environmentally cleared
- » 119 miles under construction
- » Caltrain electrification construction underway
- » Funding committed for LAUS improvements
- » MOU with Brightline West
- » Environmentally clearing full 500 miles between LA- SF
- » Station planning





# PROJECT UPDATE

## PROGRAM UPDATE

- **6,000 + construction jobs created since construction began**
  - » 3,700 National Targeted Worker hiring (disadvantaged communities)
- **653 small businesses employed**
  - » Over 200 are Disadvantaged Business Enterprises
  - » Over 180 located in disadvantaged communities
  - » 70+ Disabled Veteran Business Enterprises
- **CA High-Speed Rail will be 100% electric run on renewable energy**
  - » Currently using Tier IV equipment
  - » Will provide mode shift
  - » Will reduce VMT (taking 400k cars off the road annually)



# PROJECT UPDATE

## SMALL BUSINESS PROGRAM



## Small Business Participation

- **30% Goal for Small Business Participation**
  - » 10% Disadvantaged Business Enterprises (DBE)
  - » 3% Disabled Veteran Business Enterprises (DVBE)



# PROJECT UPDATE

## Commitment to Diverse Small Businesses

### Certifications That Count Toward the Overall Goal:

#### California Department of General Services

- Small & Micro Businesses (SB / MB)
- Disabled Veteran Business Enterprises (DVBE)
- Small Business for Public Works (SB-PW)

#### California Unified Certification Program

- Disadvantaged Business Enterprises (DBE)

#### US Small Business Administration

- 8(a) Disadvantaged Business Program





# PROJECT UPDATE

## Connect HSR: High-Speed Rail Vendor Registry

- **Free Online Tool to Connect with Business Opportunities**
- **Open to All Businesses, Both Large & Small**
- **Describe Your Business:**
  - » Type of Business
  - » Services Offered or Supplies Sold
  - » Service Counties
  - » Certifications
- **Learn About:**
  - » Future Contracting Opportunities
  - » Trainings/Workshops
- **Register at [www.connecthsr.com](http://www.connecthsr.com)**
- **All State Contracts are Advertised Through:**  
<https://caleprocure.ca.gov>



# California Sets Sustainability Standards

The Authority relies on Board leadership to set priorities while delivering California public policy



**300,000 MT  
Carbon Sequestered  
and Avoided**



**6,000  
Dispatched Workers**



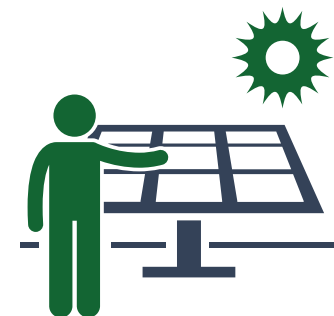
**\$4 Billion in  
Disadvantaged  
Communities Investment**



**180,000 lbs.  
Criteria Air Pollution  
Avoided**



**653  
Small Businesses  
Engaged**



**100% Renewable  
Energy**



# INVESTING IN SOUTHERN CA

## SOUTHERN CALIFORNIA – \$1.3 BILLION

**Link US:** \$441 million for Los Angeles Union Station (in federal environmental review process)

**Shared Corridor Improvements:** \$363 million in environmental review work (for HSR, Metrolink, LOSSAN, others)

**Safety Improvements:** \$77 million for Rosecrans/Marquardt Grade Separation

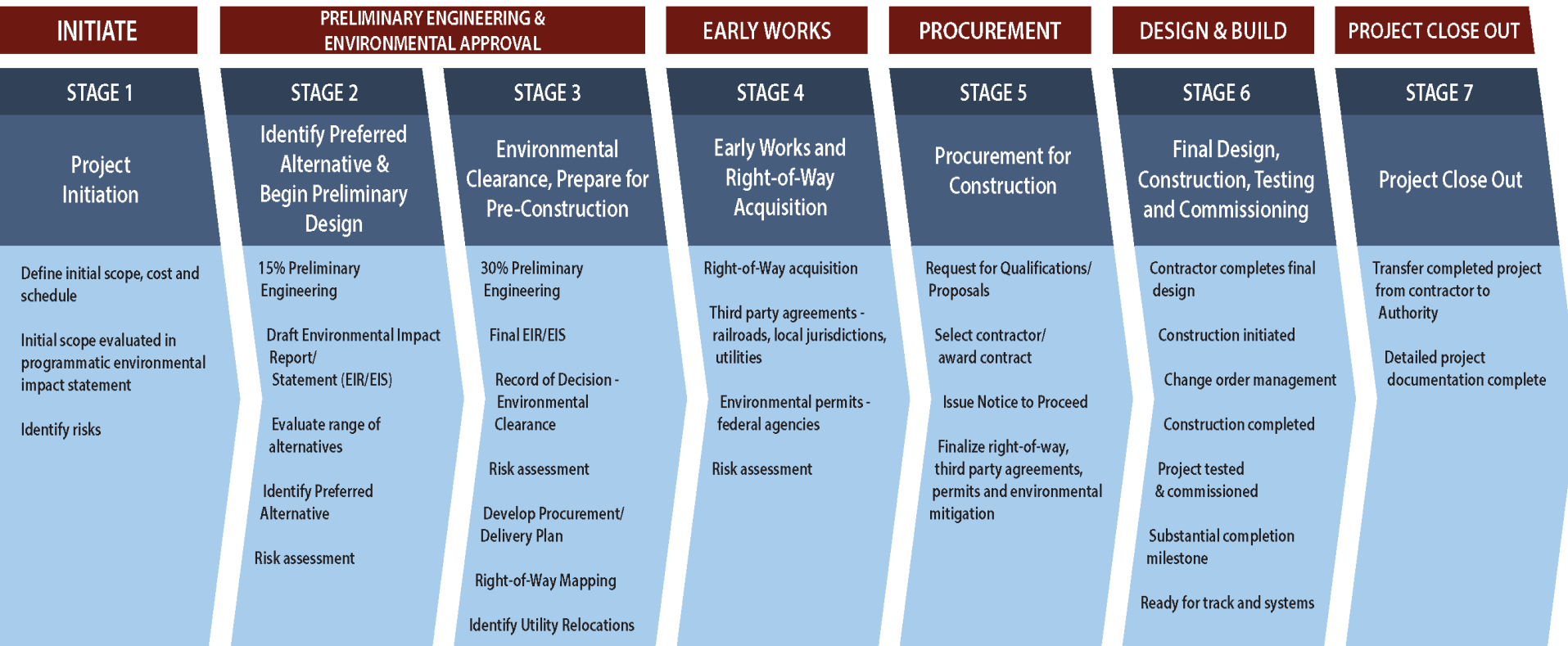
**Connectivity Projects:** \$389 million from Proposition 1A (Metro Regional Connector, Metrolink Tier 4, PTC)



# PROJECT UPDATE

## PROJECT DELIVERY

### New Stage Gate Approach to Project delivery: Stage Gate Framework



Stakeholder and Community Engagement





# PROGRAM UPDATE

## FUNDING BREAKDOWN

### Proposition 1A (2008)

- » \$9.95 billion funding
- » Ongoing discussions with the Legislature to appropriate remaining 4.2 billion

### Cap-and-Trade

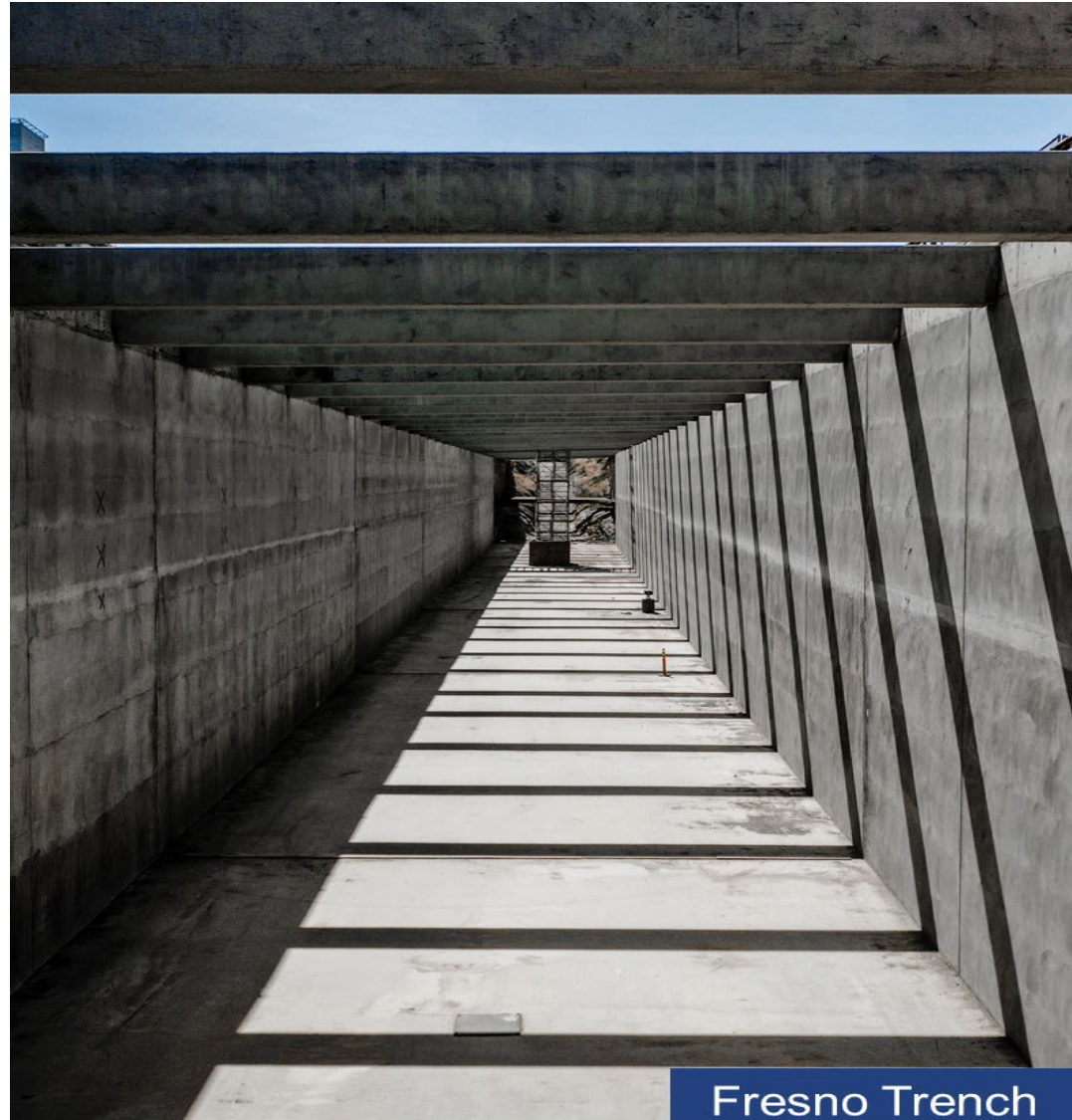
- » 25% of annual proceeds appropriated to HSR through 2030

### American Recovery and Reinvestment Act

- » \$2.5 billion awarded by Obama Administration
- » Required construction to begin in the Central Valley
- » Required HSR to spend grant money by September 2017 (complete)
- » Pushed Authority into construction before design and right-of-way were complete
- » Required Authority to match funding by December 2022 (complete)

### FY 10 grant

- » \$929 million
- » Settlement agreement reached June 2021 to return grant funding to California High-Speed Rail project



Fresno Trench



# BAKERSFIELD TO PALMDALE PROJECT SECTION

## CALIFORNIA HIGH-SPEED RAIL

Approximately 80 miles

### Two Stations

- Bakersfield (F Street)
- Palmdale Transportation Center

### Preferred Alignment

- Avoids proximity impacts to Cesar Chavez National Monument, minimizing noise and visual impacts
- Does not require relocation of SR58 in Edison
- Minimizes effects to Edison communities (school and housing) through greater distance
- Minimizes agriculture road closures
- Consolidates rail line into one corridor in Lancaster
- Reduces tunneling through Tehachapi Mountains
- Results in fewer community impacts in Lancaster

### Schedule

- Board approved August 19, 2021
- ROD signed September 3, 2021



DRAFT - DECEMBER 2020





# PALMDALE TO BURBANK PROJECT SECTION

## CALIFORNIA HIGH-SPEED RAIL

Approximately 35-41 miles

### One Station

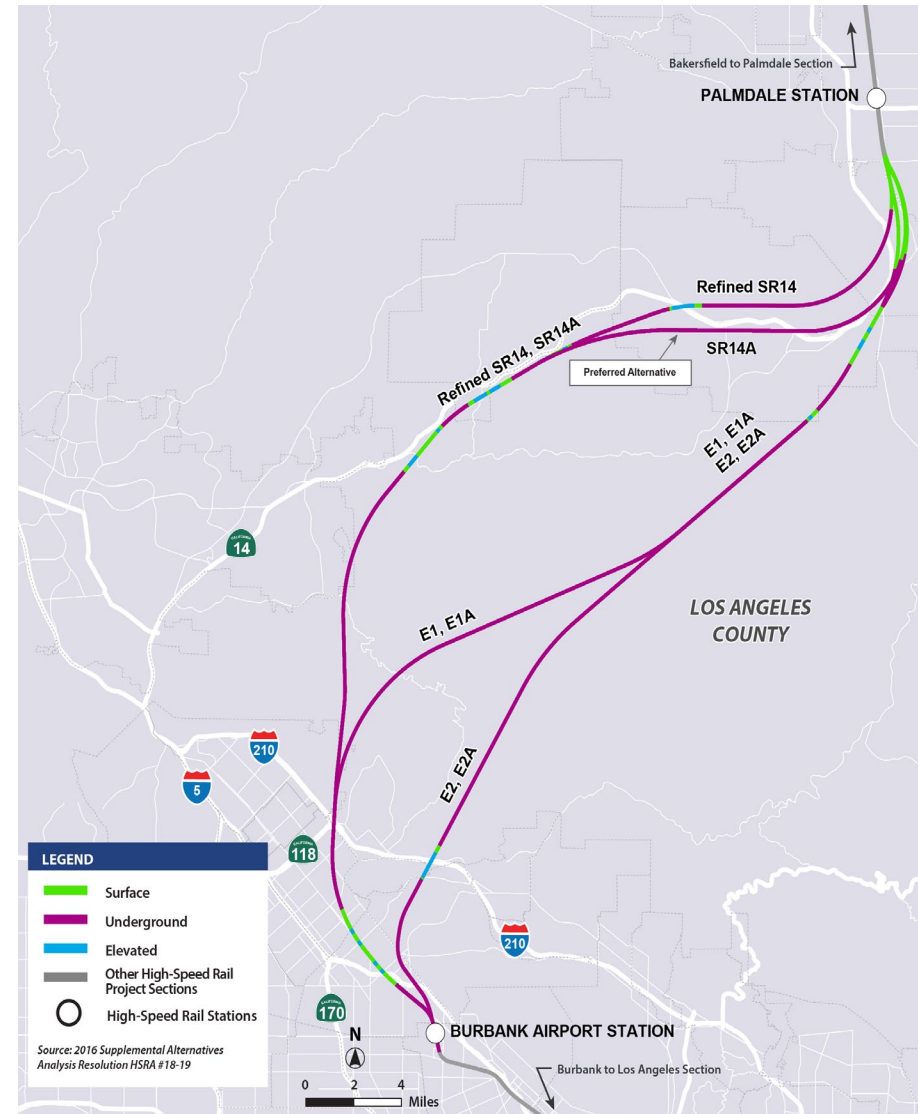
- Hollywood Burbank Airport

### Preferred Alignment

- SR14A is the modified Preferred Alignment; developed to avoid sensitive aquatic resources south of Palmdale, including Una Lake
- Entirely underground through Acton and within the Angeles National Forest (ANF) and the San Gabriel Mountain National Monument (SGMNM)
- August 2020, Authority's CEO amended the Preferred Alignment and included three modified alternatives into the project description

### Schedule

- Planned Record of Decision Date – Q2 2023



# BURBANK TO LOS ANGELES PROJECT SECTION

## CALIFORNIA HIGH-SPEED RAIL

### Approximately 14 miles

- Electrified HSR tracks will run in the existing rail corridor

### Two Stations

- Hollywood Burbank Airport (below-ground)
- Los Angeles Union Station

### Benefits

- Improve operational characteristics for passenger and freight services
- Improve safety
- Reduce emissions and congestion
- Proposed infrastructure will accommodate HSR, Metrolink and other passenger rail volumes as envisioned in the 2018 State Rail Plan

### Schedule

- Board Approved January 20, 2022



# LOS ANGELES TO ANAHEIM PROJECT SECTION

## CALIFORNIA HIGH-SPEED RAIL

Approximately 30 miles

### Four Stations and/or Stops

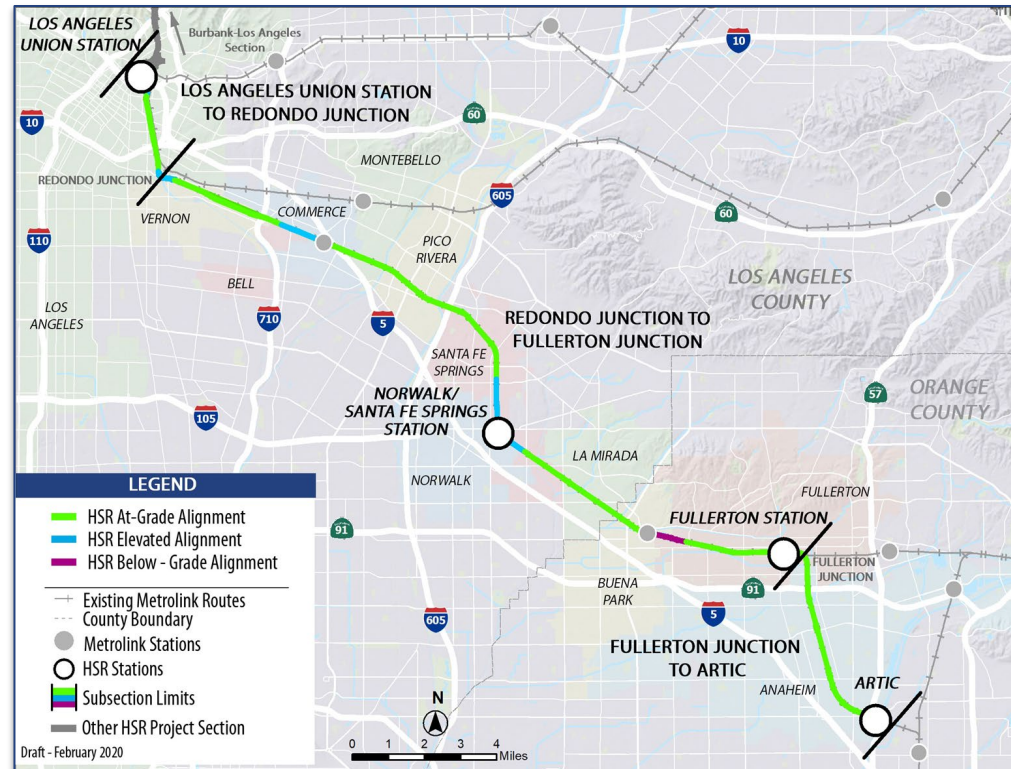
- Los Angeles Union Station (LAUS)
- Norwalk/Santa Fe Springs Station
- Fullerton Transportation Center
- Anaheim Regional Transportation Intermodal Center (ARTIC)

### 4 Mainline tracks (2-electrified)

- Proposed infrastructure will accommodate HSR, Metrolink and other passenger rail volumes as envisioned in the 2018 State Rail Plan

### Grade Separations

- Improve operational characteristics for passenger and freight services
- Improve safety
- Reduce emissions and congestion
- 11 new grade separations along the passenger rail corridor

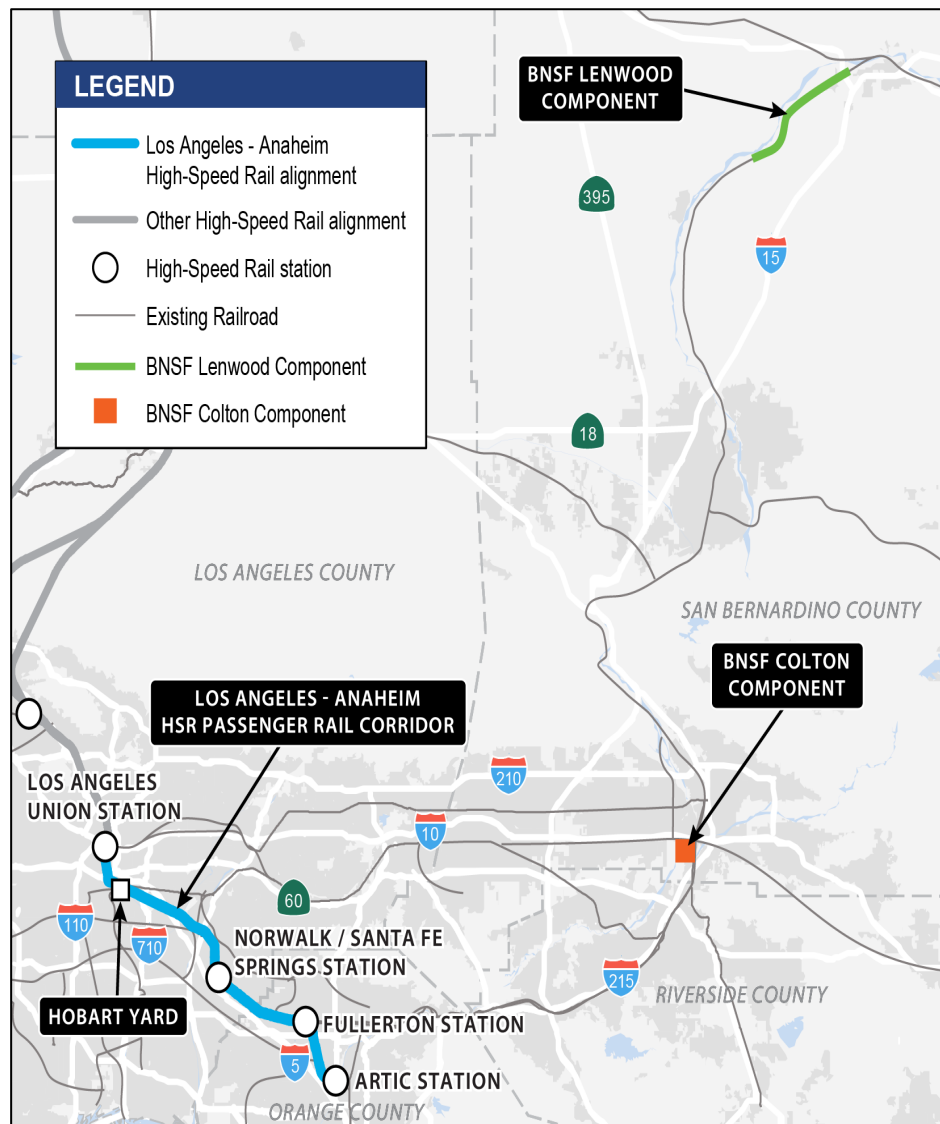


# LOS ANGELES TO ANAHEIM PROJECT SECTION

## CALIFORNIA HIGH-SPEED RAIL

### Shared Urban Corridor

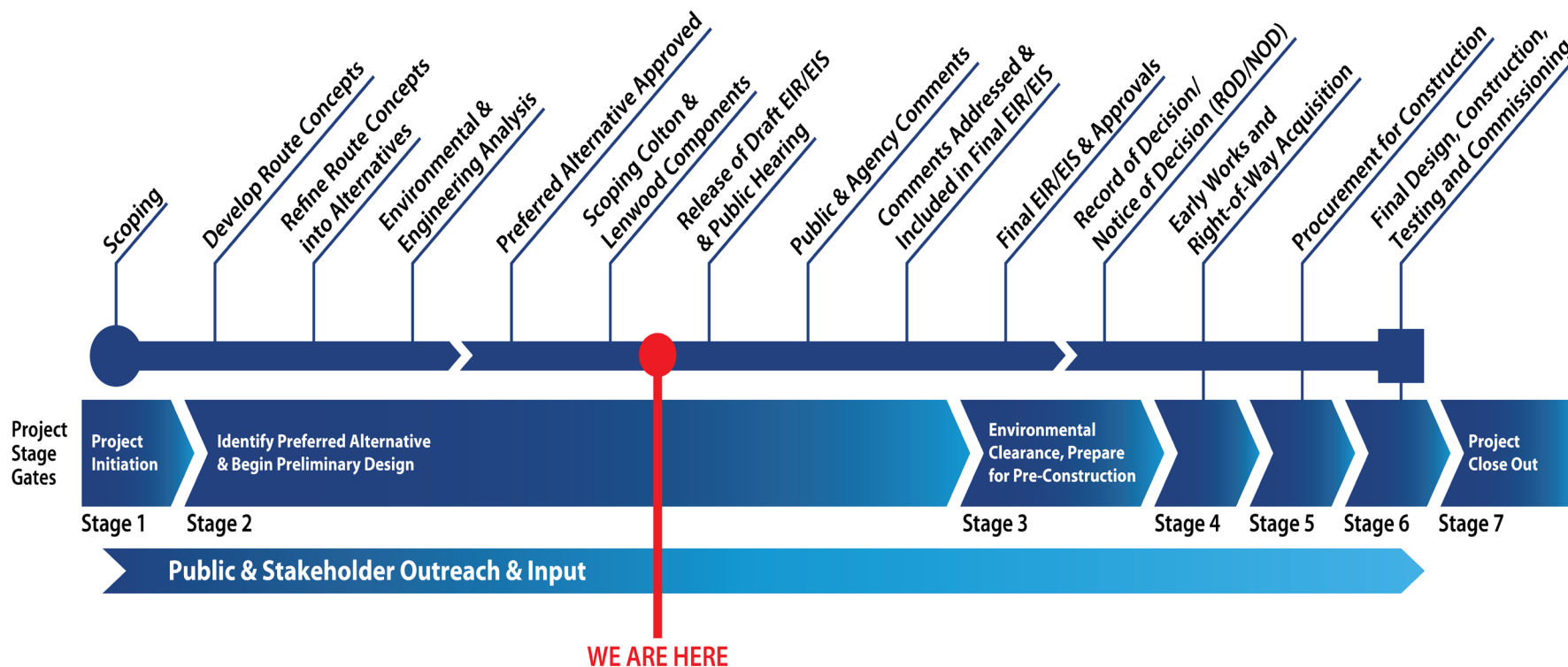
- BNSF owns the railroad right of way (ROW) between Los Angeles and Fullerton
- BNSF is a supportive partner to passenger rail by allowing passenger rail service to operate on its ROW through a shared use agreement.
- To accommodate the growth in passenger rail service, including HSR, it would be necessary to relocate a portion of the BNSF freight rail service from the Los Angeles to Anaheim corridor east, to San Bernardino County
- The BNSF Colton Intermodal Facility will accommodate freight trains that cannot be handled in the corridor due to increased passenger rail service
- The BNSF Lenwood Staging Tracks will be used for staging freight trains during and after HSR construction.



# LOS ANGELES TO ANAHEIM ENVIRONMENTAL PROCESS

## ENVIRONMENTAL MILESTONES

### Next Steps in Defining Full Phase 1 Route





## **Environmental Milestones**

### **Summer 2021 – Bakersfield to Palmdale Section**

- ✓ Final EIR/EIS for the Section presented to the Board for consideration on August 18-19
- ✓ ROD signed September 3, 2021

### **Spring 2022**

- ✓ **Burbank to Los Angeles** – Final EIR/EIS presented to the Board January 19-20; ROD anticipated soon
- **Palmdale to Burbank** Project Section – Draft EIR/EIS Release

### **Fall/Winter 2022**

- **Los Angeles to Anaheim** Project Section – Draft EIR/EIS Release





# Environmental Milestones

## CALIFORNIA HIGH-SPEED RAIL

### What's next:

- Advance design work where environmental work is complete
- Work with local and regional partners on potential targeted “early investments” with Federal and State funding, including but not limited to:
  - Grade Separations
  - Malabar Yard
  - Other regional priorities



# STAY INVOLVED

## CALIFORNIA HIGH-SPEED RAIL

### Palmdale to Burbank Project Section

(800) 630-1039

[Palmdale\\_Burbank@hsr.ca.gov](mailto:Palmdale_Burbank@hsr.ca.gov)



### Southern California Regional Office

California High-Speed Rail Authority

355 S. Grand Avenue, Suite 2050

Los Angeles, CA 90071

[www.hsr.ca.gov](http://www.hsr.ca.gov)



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# LOS ANGELES TO ANAHEIM PROJECT SECTION

CALIFORNIA HIGH-SPEED RAIL

## Los Angeles to Anaheim Project Section

(877) 669-0494

Email: [Los.Anaeles\\_Anaheim@hsr.ca.gov](mailto:Los.Anaeles_Anaheim@hsr.ca.gov)

## Southern California Regional Office

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