



LOS ANGELES TO ANAHEIM PROJECT SECTION

Community Open House Meeting Series
October 2015



PROGRAM FOR TODAY

- What is High-Speed Rail?
- Los Angeles to Anaheim Project Section
- Connecting Communities
- Next Steps

WHAT IS HIGH-SPEED RAIL?



HIGH-SPEED RAIL: More Than A Transportation Program

- California is One of the Largest Economies in the World
- The Population is Growing
 - » 50 million by 2050
- Strengthens Our Transportation Choices
 - » HSR = New transportation mode
 - » HSR connects 8 of the 10 largest cities in CA
 - » Addresses congestion:
 - Highway: Six of top 30 congested urban areas in US in CA
 - 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



HIGH-SPEED RAIL: Around the World

- **12 Countries with High-Speed Rail Service**
 - » Dozens of others with high-speed rail under construction & in development
- **Over 18,500 Miles of High-Speed Rail**
- **1.6 Billion Annual Passengers**



CONNECTING CALIFORNIA



- **Phase 1**
 - » 520 miles
 - » San Francisco to Los Angeles/ Anaheim
- **Phase 2**
 - » Extends 300 miles
 - » Connections to Sacramento & San Diego

SOUTHERN CALIFORNIA

- **Connect to Southern California**
 - » Close the passenger rail gap over the Tehachapi Mountains
- **Connect within Southern California**
 - » Bakersfield to Palmdale in 20-25 minutes
 - » Palmdale to Burbank in 15-20 minutes
 - » Burbank to LA Union Station in 10 minutes
 - » LA Union Station to Anaheim in 30 minutes
 - » LA Union Station to San Diego in 1 hour, 20 minutes
 - » LA Union Station to San Francisco in 2 hours, 40 minutes
- **Connect to Airports**
 - » Palmdale, Bob Hope Airport, Ontario Airport, San Diego Airport
- **Create Multi-Modal Transportation Hubs**
 - » Palmdale, Burbank, LA Union Station, ARTIC
 - » Transportation-oriented and sustainable development



REGIONAL IMPROVEMENTS BENEFIT EXISTING SYSTEMS

- **Short-Term Benefits: Safety, Connectivity & Capacity, Air Quality, Jobs**

- » LA Metro: \$115 Million, Regional Connector in downtown LA
- » Metrolink: \$89 Million, new or improved trains
- » San Diego MTS: \$58 Million, modernize Blue Line Light Rail
- » Metrolink/North County Transit District: \$100+ Million, Positive Train Control



- **Mid-Term Benefits: More Air Quality, Connectivity/Capacity, Jobs, & Phasing**

- » Regional Projects: Southern California Regional Interconnector Project (SCRIP) benefits regional rail (Metrolink & Amtrak)
- » Local Projects: Grade separations (Doran Street, Rosecrans/Marquardt, State College), double-tracking to support and enhance integrated regional rail network



LOS ANGELES TO ANAHEIM PROJECT SECTION



LOS ANGELES TO ANAHEIM PROJECT SECTION

- **30-Mile Section Approximately**
 - » Continues connection into urban Los Angeles and Orange County
- **Three Stations, Many Connections**
 - » Los Angeles Union Station
 - » Either Norwalk/Santa Fe Springs or Fullerton
 - » Anaheim (ARTIC)
- **Reduce Impacts of HSR through Operations Planning**
 - » Coordinated freight and passenger service
- **Improve Safety and Efficiency**
 - » Early completion of grade separations
 - » Emissions and congestion reduction
 - » Goods movement improvements
- **Work Closely with Project Partners**
 - » LOSSAN JPA, Metro, Metrolink, OCTA, Gateway Cities COG



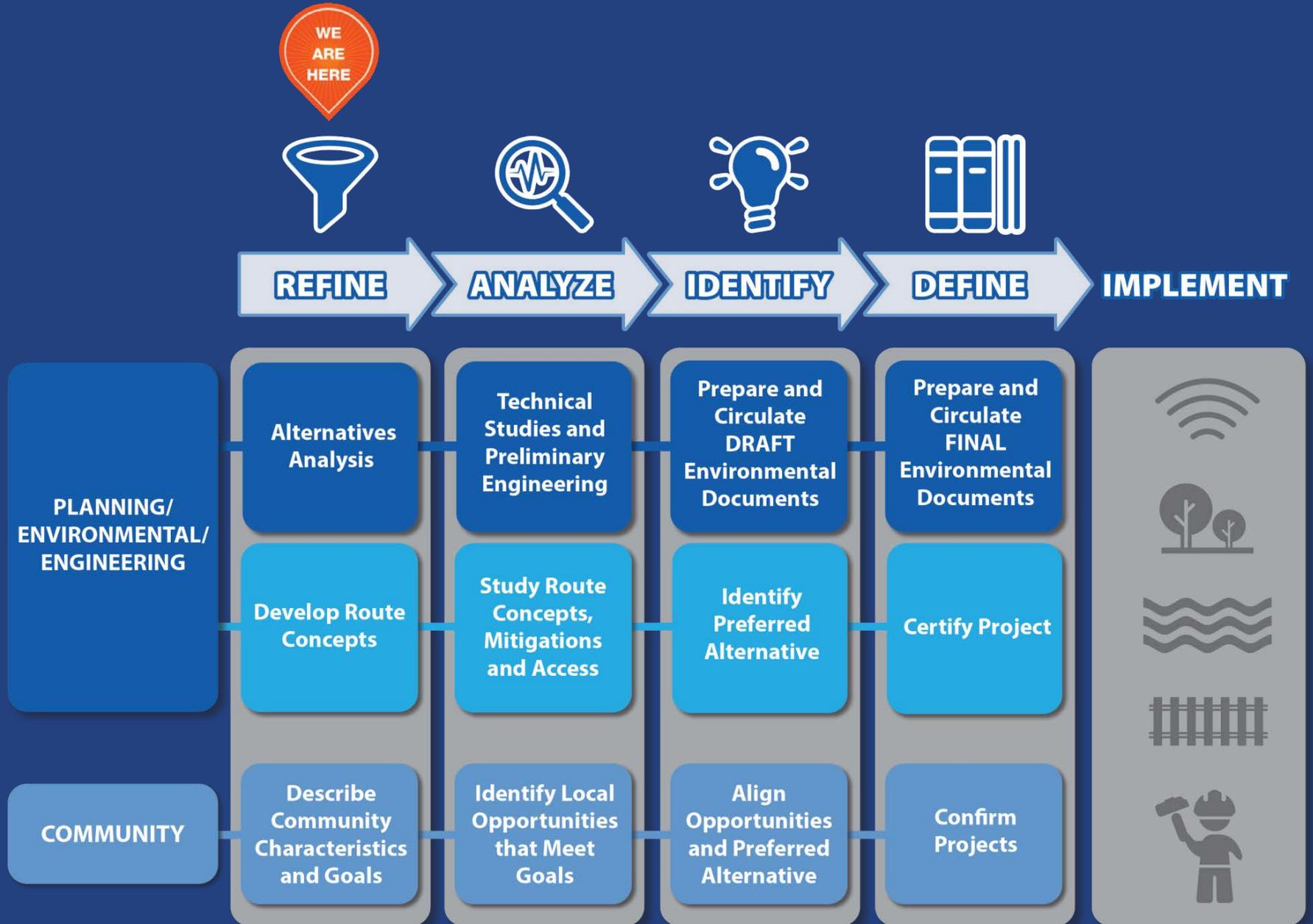
CONNECTIONS WITH LOCAL TRANSIT SYSTEMS



COLLABORATIVE APPROACH BALANCES MULTIPLE PRIORITIES



ENVIRONMENTAL PLANNING PROCESS



LEVELS OF ENVIRONMENTAL ANALYSIS

ALTERNATIVES ANALYSIS



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

ENVIRONMENTAL DOCUMENT



- 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

CONNECTING COMMUNITIES



COMMUNITY CONNECTIONS: Balancing Needs, Increasing Value

- **Identify and Prioritize Opportunities for all Communities in Key Areas**
- **The Environment**
 - » Tree planting, watershed improvements, air quality, adaptive reuse, sustainability
- **Access & Mobility**
 - » Improve connections between all systems
 - » Identify first and last mile opportunities
- **The Community**
 - » Access, safety, health
- **Business, Workforce Development, and Education**
 - » 30% Small Business goal
 - » Education and training through CBA/STEM
- **Stations**
 - » New opportunities in the heart of California's cities



NEXT STEPS



TIMELINE *



* Subject to Change

COMMUNITY ENGAGEMENT: OPEN HOUSES

- **October 15: 5:30 to 7:30 p.m.**
Anaheim
- **October 17: 9:30 a.m. to 12:00 p.m.**
Pico Rivera
 - » Bilingual Spanish/English meeting
- **October 21: 5:30 to 7:30 p.m.**
Norwalk
- **October 26: 5:30 to 7:30 p.m.**
Fullerton
 - » Live webcast
- **October 28: 5:30 to 7:30 p.m.**
Buena Park



STAY INVOLVED

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