



CALIFORNIA
High-Speed Rail Authority

BAKERSFIELD TO PALMDALE PROJECT SECTION

Tribal Informational Meeting

November 5, 2015

Bakersfield, CA



PROGRAM FOR TODAY

- **Welcome & Introductions**
- **Statewide Overview & Bakersfield to Palmdale Project Section**
 - » Michelle Boehm, Southern California Regional Director, California High-Speed Rail Authority (Authority)
- **Federal Railroad Administration Perspective**
 - » Stephanie Perez, Environmental Protection Specialist, FRA
- **Status of Cultural Resources Investigation**
 - » Tim Jones, Lead Archeologist
- **Cultural Resources Investigation Process & Tribal Involvement**
 - » Sarah Allred, Authority Tribal Liaison/Cultural Resources Specialist

STATEWIDE OVERVIEW



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



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



COLLABORATIVE APPROACH BALANCES MULTIPLE PRIORITIES



COMMUNITY CONNECTIONS: Balancing Needs, Increasing Value

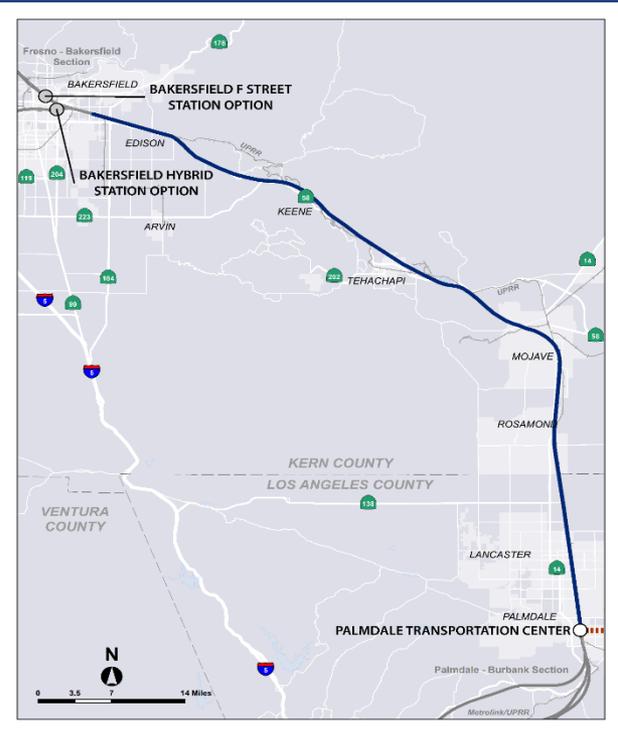
- Identify and Prioritize Opportunities for all Communities in Key Areas
- The Environment
 - » Tree planting, watershed improvements, air quality, adaptive reuse, sustainability
- Access & Mobility
 - » Improve connections between all systems
 - » Identify first and last mile opportunities
- The Community
 - » 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



BAKERSFIELD TO PALMDALE PROJECT SECTION



ROUTE CONCEPTS UNDER STUDY REFINED OVER TIME



2010



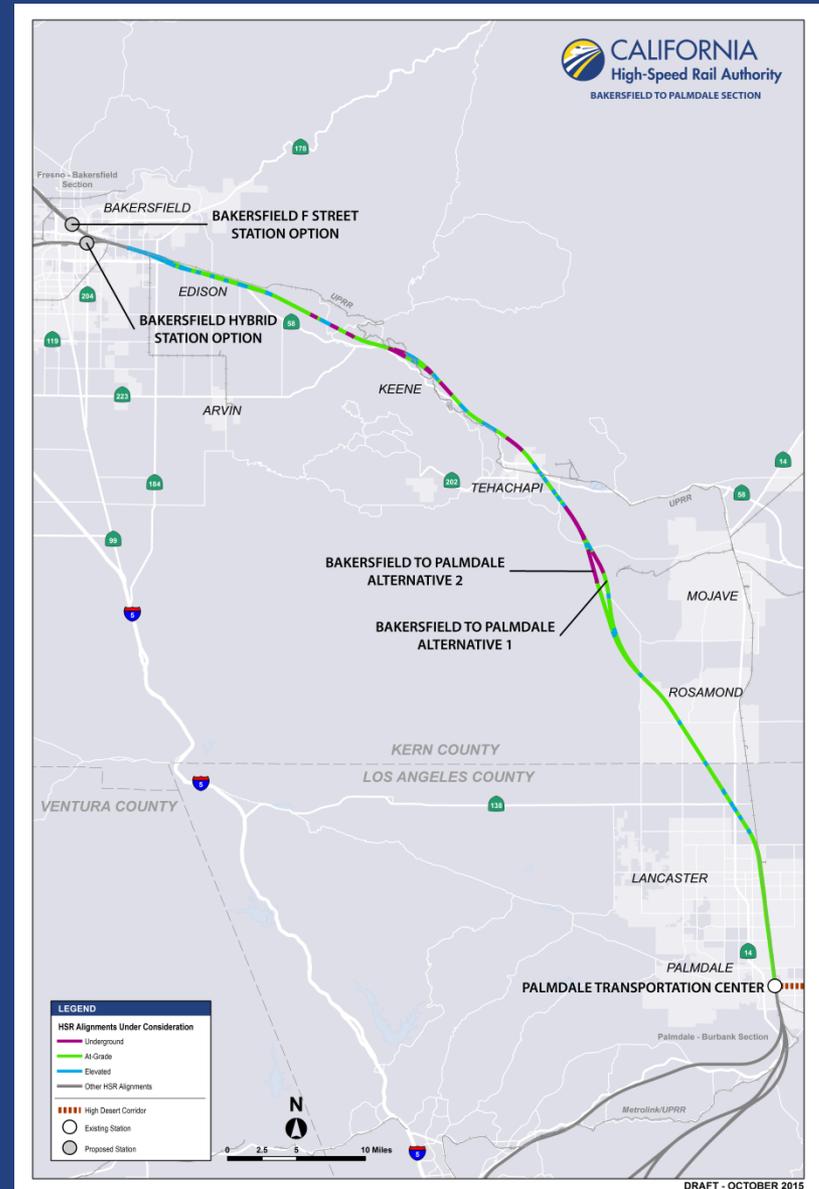
2012



2015

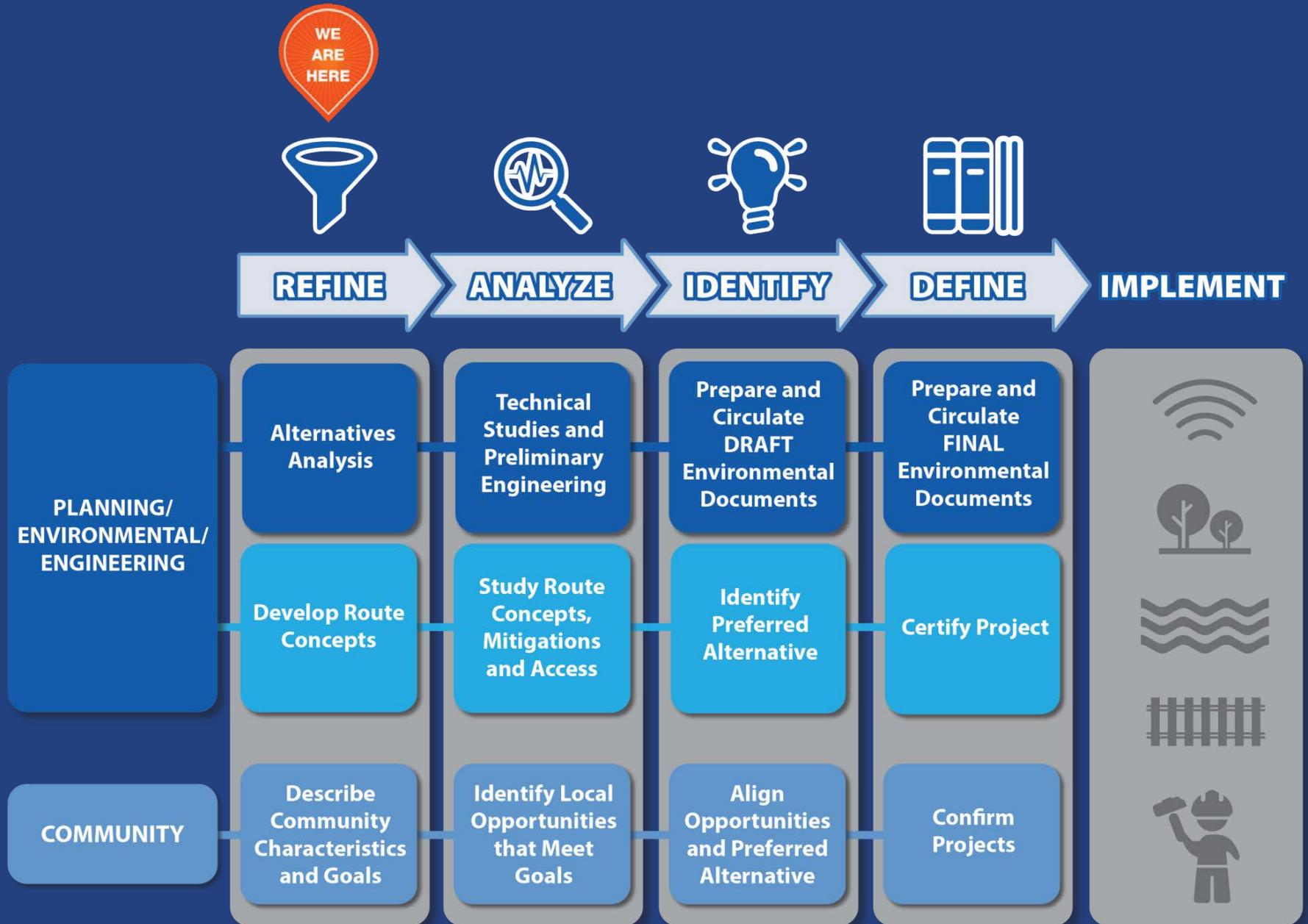
BAKERSFIELD TO PALMDALE PROJECT SECTION

- Close the Rail Gap between the Central Valley and Southern California
- Avoid Impacts to Communities and the Environment
 - » Downtown areas and schools
 - » Green energy generation
 - » Ranches and natural lands
 - » Agricultural activities and businesses
 - » Mining activities
- Improve Safety around Existing Rail Corridor
 - » Grade separations
 - » Earthquake early warning system
 - » Intrusion barriers
- Work Closely with Project Partners



*Preliminary & Subject to Change

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

BAKERSFIELD TO PALMDALE TIMELINE *



* Subject to Change



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STEPHANIE PEREZ

**ENVIRONMENTAL PROTECTION SPECIALIST
FEDERAL RAILROAD ADMINISTRATION**



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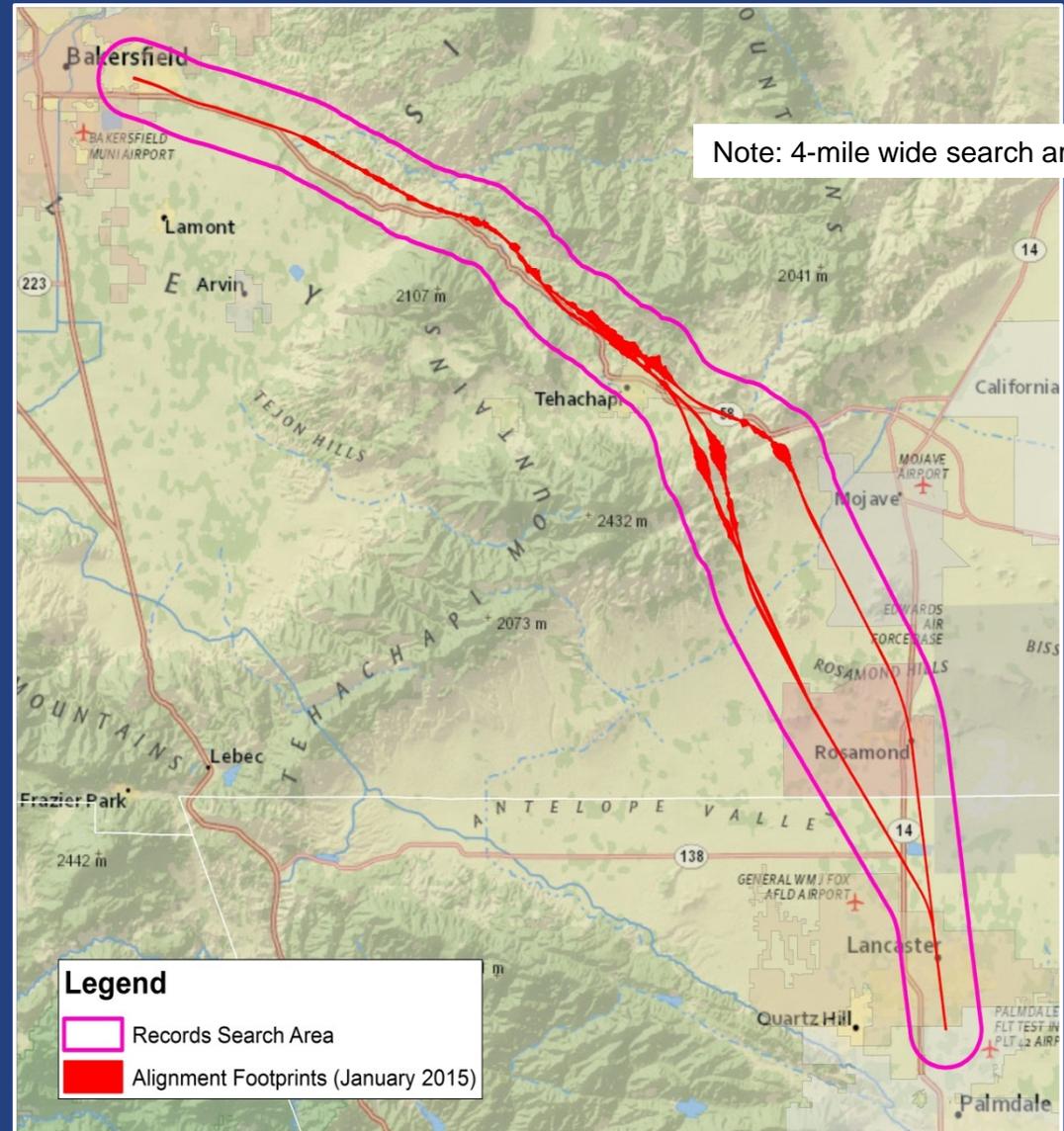
TIMOTHY JONES

**LEAD ARCHAEOLOGIST
ENVIRONMENTAL TEAM**

PRELIMINARY ARCHAEOLOGICAL STUDIES

- Records Searches

- » Southern San Joaquin Valley Information Center (SSJVIC)
- » South Central Coastal Information Center (SCCIC)
- » Native American Heritage Commission (NAHC), Sacred Lands File



PRELIMINARY ARCHAEOLOGICAL STUDIES

- **Records Search Results**

- » Information Center Records

- 1,679 cultural resources recorded in Records Search Area (4-mile wide corridor)
- 797 historic-period cultural resources
 - » Buildings
 - » Roads
 - » Foundations
 - » Historical trash scatters and isolated artifacts
- 882 Native American cultural resources
 - » Isolated artifacts
 - » Lithic scatters
 - » Bedrock milling features
 - » Habitation sites
 - » 1 "Sacred Site" noted on SSJVIC map



- **NAHC Sacred Lands File**

- » "The search indicates the potential of Native American cultural resources"

PRELIMINARY ARCHAEOLOGICAL STUDIES

- **Archaeological Surveys**

- » URS/AECOM - April and October 2011; May 2012

- 14 previously unidentified archaeological sites recorded

- » 7 historical archaeological sites
- » 7 prehistoric archaeological sites

- » LSA - June 2015

- 5 historical archaeological sites recorded
- No prehistoric archaeological sites identified

- **Summary**

- » 882 Native American cultural resources in records search area

- » 19 known Native American cultural resources within current project footprint: lithic scatters, bedrock milling features, and isolated artifacts



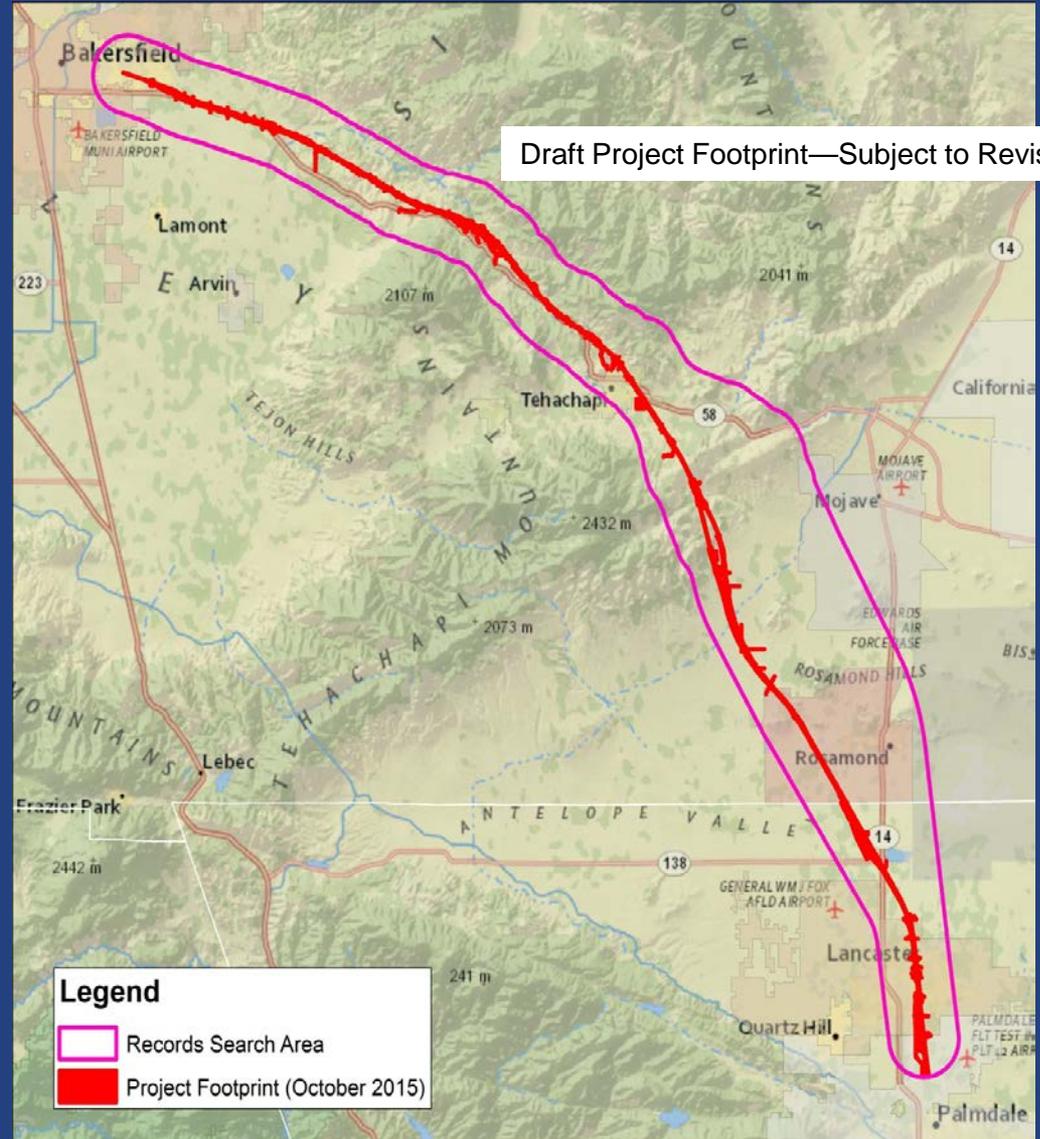
UPCOMING ARCHAEOLOGICAL WORK

- **Area of Potential Effects (APE)**

- » Archaeological APE not finalized—subject to change

- APE will include areas of direct impacts
 - » Grading
 - » Cut-and-fill
 - » Easements
 - » Staging areas
 - » Utility connections
 - » Biological mitigation areas
 - » Geotechnical testing locations

- APE may include areas of indirect impacts



UPCOMING ARCHAEOLOGICAL STUDIES

- **Archaeological Field Survey (Fall/Winter 2015; early 2016)**
 - » Subject to permissions to enter
- **Archaeological Survey Report (Spring 2016)**
 - » Includes findings of background research, survey results, summary of outreach
 - » Supplemental reports to be prepared as needed
- **Geoarchaeological Investigation Report (Spring 2016)**
 - » Predictive model
- **Memorandum of Agreement (Fall 2017)**
 - » Tribal input will be critical
- **Archaeological Treatment Plan (Fall 2017)**



CALIFORNIA
High-Speed Rail Authority

SARAH ALLRED

**AUTHORITY TRIBAL LIAISON
CULTURAL RESOURCES SPECIALIST**

TRIBAL PARTICIPATION – CULTURAL RESOURCES INVESTIGATION

- **Section 106 Programmatic Agreement (PA)**
 - » Framework for how Authority/FRA will comply with Section 106 of the National Historic Preservation Act (including cultural resources identification/treatment; tribal outreach/consultation requirements).
 - » Please note updates/revisions to the PA are anticipated.
- **Variety of Ways to Get Involved in the High-Speed Rail Project**
 - » See handout: “Tribal Participation – How To Get Involved”
- **Importance of Early Input and Collaboration**
 - » Identifying known resources and/or areas of sensitivity to help inform the alternative analysis process; collaborate on avoidance and/or treatments to resources.
- **Continued Involvement throughout the Project Development Process**
 - » Becoming a Consulting Party; Reviewing/commenting on cultural resources technical documents; participating in the development of the Memorandum of agreement (MOA) and Archaeological Treatment Plan (ATP) for each project section.

Project Delivery/Cultural Resource Analysis Timeline

Project Delivery Milestones

Early Scoping	Alternatives Analysis	Decision on Range of Alternatives	Draft EIR/EIS	Selection of Preferred Alternative	Final EIR/EIS and Record of Decision	Design and Construction Phase
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Cultural Resource Tasks/Deliverables

Interested Party Outreach/ Information Sharing	Pre-field Research/Early Identification of Known Resources	Begin Cultural Technical Studies/ Pedestrian Field Surveys	Cultural Technical Studies Completed to Support Draft EIR/EIS	Prepare Finding of Effect (FOE) Document	Prepare Memorandum of Agreement (MOA) and Archaeological Treatment Plan (ATP)	Implement MOA and ATP
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Consulting Party Participation

Interested Party Outreach/ Information Sharing	Tribal Information Meeting; Identify/Invite Participation of Consulting Parties	Consulting Parties review/comment on Archaeological Survey Report (ASR)	Consulting Parties provide input regarding treatments/mitigation for cultural resources for development of MOA	Consulting Parties review/comment on FOE	Consulting Parties contribute to development of MOA and sign on as Concurring Parties, if desired.	Consulting Parties participate in MOA implementation: monitoring; review addenda ASRs; address unanticipated discoveries.
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PROJECT DELIVERY TEAM AND IMPLEMENTING PARTIES

- **Federal Railroad Administration (FRA)** Lead Federal Agency
- **California High-Speed Rail Authority (Authority)** Lead State Agency
- **Rail Delivery Partner (RDP)** Parsons-Brinckerhoff
- **Regional Consultants (RC)** Different RC for Each Project Section
- **Design-Build Contractor (D-B)** Responsible for Final Design and Construction of the Project
- **Project Construction Management (PCM)** Responsible for Overseeing the Work of the D-B
- **Signatories and Consulting Parties** Parties to the Section 106 PA and Memorandum of Agreement (MOA): FRA, Authority, State Historic Preservation Officer (SHPO); Advisory Council on Historic Preservation (ACHP); Indian Tribes; and Other Interested Parties.

CULTURAL RESOURCES DOCUMENTATION

- Cultural Resources Technical Studies, Agreement Documents, Treatment Plans:
 - » Archaeological Survey Report (ASR)
 - » Finding of Effect (FOE) Report
 - » Memorandum of Agreement (MOA)
 - » Archaeological Treatment Plan (ATP)

 - » Addenda Archaeological Survey Reports (ASR Addenda)
 - » Unanticipated Discovery Memoranda
 - » Archaeological Evaluation Reports (AERs)
 - » Archaeological Data Recovery Plans and Reports (ADRPCs/ADRRs)

FOR MORE INFORMATION

- **Authority Tribal Relations**

http://www.hsr.ca.gov/Programs/Tribal_Relations/index.html

- **Bakersfield to Palmdale Project Section**

http://www.hsr.ca.gov/Programs/Statewide_Rail_Modernization/Project_Sections/bakersfield_palmdale.html

(800) 630-1039

- **FRA Environmental Web Page**

<http://www.fra.dot.gov/Page/P0183>

AUTHORITY'S TRIBAL RELATIONS WEB PAGE

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➔ Tribal Relations Program

The United States recognizes Indian tribes as sovereign nations. As such, the federal government and Indian tribes have a unique government-to-government relationship, which is grounded in the U.S. Constitution, numerous treaties, statutes, federal case law, regulations, and executive orders that establish and define a trust relationship with Indian Tribes. In addition, the State of California has an important relationship with the many Native American tribes indigenous to the state, as set forth and affirmed in both state and federal law.

The State of California is committed to strengthening and sustaining effective government-to-government relationships with both federally-recognized tribes and other California Native Americans, as codified in the governor's [Executive Order B-10-11](#). Executive Order B-10-11 established the [Governor's Tribal Advisor](#) in the Office of the Governor and further orders that every agency and department subject to the governor's executive control shall encourage communication and consultation with California Indian Tribes and permit tribal representatives to provide meaningful input into the development of legislation, regulations, rules, and policies on matters that may affect tribal communities. The California High-Speed Rail Authority (Authority) acknowledges and reaffirms this commitment.

The Authority is responsible for planning, designing, building, and operating the nation's first high-speed rail system, which will take the pressure off existing air and ground transportation infrastructure, reduce the state's dependency on fossil fuels, and result in better air quality and community health in California. The Authority seeks to identify areas of mutual concern and work toward the development of partnerships and consensus with California Indian tribes. The Authority's Tribal Relations web page and its content are intended to foster tribal awareness about the high-speed rail project, encourage tribal participation in the project planning process, and help establish connections for future consultations and collaboration between the Authority and California Indian tribes on individual high-speed rail sections during the project planning process.

🔗 Program Information

- [High-Speed Rail Program Maps](#)
- [Jobs/Employment Information](#)
- [Tribal Consultation Policy and Guidance](#)
- [Tribal Informational Meetings](#)
- [Tribal Monitoring Fact Sheet](#)
- [Tribal Participation Fact Sheet](#)
- [Section 106 Programmatic Agreement](#)
- [Maps](#)

📍 Contact Us

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"click to enlarge"



Traditional Tribal Territories Map

STAY INVOLVED

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