

CONNECTING AND TRANSFORMING CALIFORNIA

Ben Tripousis, Northern California Regional Director

SPUR San Jose to Merced Project Section Update June 27, 2017

CALIFORNIA HIGH-SPEED RAIL PROGRAM OVERVIEW



EARLY TRAIN OPERATOR PROCUREMENT: Phase 1

- Assist Authority With Shaping Future Procurements and Provides Guidance
- 2016 Business Plan called for Early Engagement of ETO
- Advise Authority on Design, Development and Procurement of:
 » Rolling Stock
 » Track and Systems
 » Station
- 5 World Class Teams Invited to Bid
 » China HSR ETO Consortium
 » DB International US
 » FS First Rail Group
 » Renfe
 » Stagecoach Group Plc



EXHIBIT 4.1 HIGH-SPEED RAIL SYSTEM

Stockton

Merced

Madera

0

Modesto

Sacramento o

San

Francisco

San Jos

Paimdale

Sam

San Diego: O

Bernardino

Riverside

EARLY TRAIN OPERATOR PROCUREMENT

- Phase 1: Up to 6 Years Duration
- Estimated Costs not to Exceed \$30 Million

• Timeline

- » June 16 RFP Released
- » July 12 Pre-Bid Conference in Sacramento
- » Sept. 19 RFPs Due
- » December Selection of ETO

Phase 2

- » Franchise Agreement Negotiated for Management of Silicon Valley to Central Valley System
- » To be Negotiated at Later Date with Board Approval



SAN JOSE TO MERCED PROJECT SECTION



SAN JOSE TO MERCED: 2017 Range of Alternatives



SAN JOSE TO MERCED: 2017 Range of Alternatives



CURRENT ALTERNATIVES Approach to Diridon Subsection



SAN JOSE DIRIDON PROGRAM ALIGNMENT: 2008



Program Alignment (2008)

- Dedicated high-speed rail within existing Caltrain right of way through Gardner neighborhood
- Impact to Fuller Park
- Elevated station at Diridon Station





Shallow Tunnel (2010)

Thread the Needle (2010)

- Construction of high-speed rail station beneath existing rail lines and station
- Increased travel time compared to Deep Tunnel
- Limited space to construct portal within SR 87/I-280 interchange
- Agreed with neighborhood group to eliminate in favor of Deep Tunnel

5100m Tunnel (2010)

Deep Tunnel (2010)

Modified Tunnel (2011)







SAN JOSE DIRIDON: Current



SR 87 / I-280 (2010)

- · Elevated station at Diridon Station
- High-speed rail on viaduct mostly within existing public right of way
- Visual Design Guidelines

At-Grade (Under study)

SAN JOSE DIRIDON: Current



SR 87 / I-280 (2010)

At-Grade (Under study)

- Extending blended services through Diridon Station
- Evaluating station and neighborhood impacts
- Evaluating blended service operations

CURRENT ALTERNATIVES: Monterey Corridor Subsection



SAN JOSE TO MERCED: 2017 Range of Alternatives



MONTEREY CORRIDOR: Current Alternatives



MONTEREY CORRIDOR: Current Alternatives



QUESTIONS & COMMENTS



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Ahmad Qayoumi, Division Director Eric Eidlin, Station and Access Planning Manager City of San Jose DOT

California High-Speed Rail Auth

Lunchtime Forum SPUR San Jose June 27, 2017

How Should High-Speed Rail Travel Through San Jose?

We Need the Right Tool for the Job





Optimal Distance Ranges of Intercity Travel Modes



SF Ferry Building to LA Grand Central Market



By Eric Eidlin, adapted from Brian Stokle



Compatibility of HSR with Dense Cities



Center City – Lyon Part Dieu

Grand Lyon

Lyon Part-Dieu HSR 26 million passengers in 2011

10 x jobs and development on 1/12th the land



40x passenger throughput 120x economic development Per unit of land area

Lyon St. Exupéry Airport 8 million passengers in 2011



HSR Stations and Space-Efficiency

Basic Urban Math. Congestion Busting Copenhagen Style

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"gare betterave"

Train station in exurban or rural area



Holistically Designed Projects



Not-So-Seamless Transit

AB-3034 2704.09. The high-speed train system ... shall be designed to (b) Maximum nonstop service travel ... not exceed: (1) San Francisco-Los Angeles Union Station:

two hours, 40 minutes. (3) San Francisco-San Jose: 30 minutes.



SUBJECT TO CHANGE - MAY 2016



Compatibility of HSR with Dense Cities



All Modes Coming to Diridon Station

Planned Major Regional Rail Services San Jose Diridon-2026





Downtown Expansion & Integration



Issues To Be Addressed

- Cooperation among public land owners essential to create great place and maximize long term value for all
- Governance structures must be determined for
 Intermodal Station and for Area Development
- Financing Plan for Station and Area infrastructure must be developed in a unified manner

Next Steps

- Community Working Group meeting July to December 2017
- Environmental Document in 2018
- Adoption City Standards for Monterrey Corridor



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