



SAN FRANCISCO TO SAN JOSE PROJECT SECTION

Local Policy Maker Group
Thursday, May 26, 2016
San Carlos, California



INTRODUCTIONS

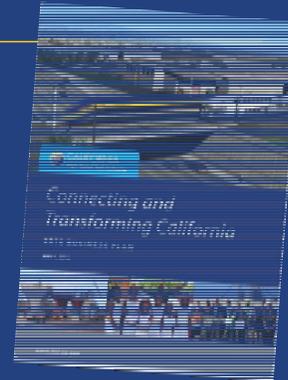
Raul Peralez,
San Jose City Councilmember

HIGH-SPEED RAIL CONSTRUCTION UPDATE

Ben Tripousis, Regional Director

2016 BUSINESS PLAN

- Adopted and Submitted to the Legislature May 2016
- Foundational Document for Implementing the Program
- Includes:
 - › Summary of Progress Over the Last Two Years
 - › Approach to Deliver the System Using Existing Funds
 - › Updated Ridership Forecasts and Cost Estimates
 - › Describes Next Major Milestones



CONSTRUCTION IS UNDERWAY

- Approximately 119 Miles
- Madera to North of Bakersfield
- Approximately \$3 Billion Investment



CONSTRUCTION PACKAGES

- **Construction Package 1:**
 - » 32 Miles
 - » DB: Tutor Perini/Zachry/Parsons
 - » PCM: Wong+Harris
- **Construction Package 2-3:**
 - » 65 Miles
 - » DB: Dragados/Flatiron
 - » PCM: Arcadis
- **Construction Package 4:**
 - » 22 Miles
 - » DB: California Rail Builders
 - » PCM: HNTB



CENTRAL VALLEY CONSTRUCTION UPDATE

SMALL BUSINESS PARTICIPATION*

- CP1
 - » 72 Small Businesses Working
 - 17 Small Business Enterprises
 - 21 Disadvantaged Business Enterprises
 - 12 Disabled Veteran Business Enterprises
 - 22 Micro Businesses



- CP 2-3
 - » 6 Small Businesses Working



*As of March 31, 2016

JOBS & WORKFORCE DEVELOPMENT*

- CP1
 - » 313 Craft Labor Workers

- CP 2-3
 - » 33 Craft Labor Workers

- Pre-Apprentice Training
 - » Central Valley Infrastructure Employment Project
 - 171 Students Graduated
 - » California Clean Energy Jobs Act
 - 62 Students Graduated
 - » Veteran's Employment-Related Assistance Program
 - 21 Students Currently in Class



*As of March 31, 2016

FACES OF HIGH-SPEED RAIL

Yovani Moreno
Kristen Katchadourian
Tammy Prado
Becky Zahourek



SAN FRANCISCO TO SAN JOSE PROJECT SECTION SCOPING

Will Gimpel, Regional Project Manager

SAN FRANCISCO TO SAN JOSE: Project Description



- 51-mile corridor
- Blended Service on Electrified Caltrain Corridor
- Stations Being Studied:
 - » 4th and King (San Francisco)
 - » Millbrae-SFO
 - » San Jose (Diridon)

SAN FRANCISCO TO SAN JOSE: Project Description

- Alignment defined by state legislation and regional, multi-agency agreements
- Blended service with Caltrain and high-speed rail service sharing tracks
- Approach minimizes impacts on surrounding communities, reduces project cost, improves safety and expedites implementation
- High-Speed Rail Design supports 30-Minute Travel

SAN FRANCISCO TO SAN JOSE: Proposed Alternatives

- **Proposed Operations**
 - » High-Speed Rail vehicles operating with Caltrain predominantly within the Caltrain Right-of-Way
 - » Speeds up to 110 miles per hour
 - » Four High-Speed Trains Per Direction in the Peak Period Per Hour
 - » Operations Plan that would allow for up to six commuter trains per direction in the peak period and up to four high-speed trains per direction in the peak period
 - » Right-of-Way acquisition may be required in certain locations

SAN FRANCISCO TO SAN JOSE: Proposed Alternatives

- **Proposed New and/or Modified Infrastructure**
 - » Curve straightening and track centers modifications throughout the corridor to support higher speeds
 - Track modifications could require some reconstruction of Caltrain stations

 - » Three sets of passing tracks to be submitted to Operational Analysis
 - Including concepts developed in 2013 by Caltrain and the Authority
 - Additional sets may be considered until the Operational Analysis is satisfactory to both Caltrain and High-Speed Rail
 - Operational Analysis with Caltrain is ongoing

 - » One light maintenance facility, with potential alternative locations

SAN FRANCISCO TO SAN JOSE: Safety Modifications

- **Safety is the Authority's Number-One Priority**
 - » Installing perimeter fencing and implementing four-quadrant gates at all at-grade crossings

 - » Contributing to the construction of three new grade separations in San Mateo:
 - 25th, 28th, & 31st Avenues

 - » Participate in the scope development for technical study and funding plan for long-term strategy for at-grade crossings in the corridor.

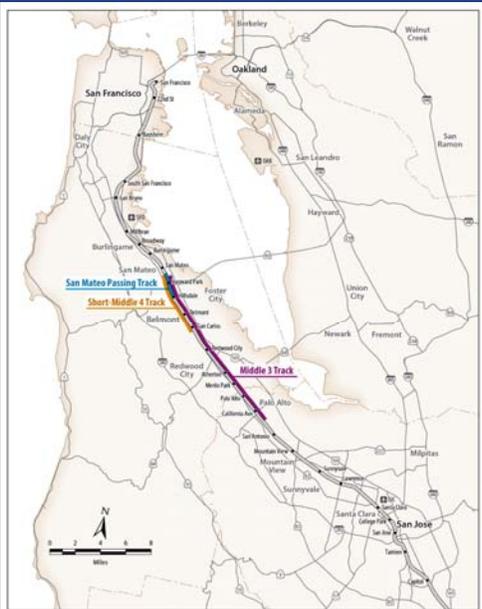
SAN FRANCISCO TO SAN JOSE: Grade Separations

- We will analyze traffic impacts to existing crossings as a result of the four additional trains/peak hour/direction
- We will be working with the Metropolitan Transportation Commission (MTC) to develop a long-term grade-separation strategy for the peninsula corridor

SAN FRANCISCO TO SAN JOSE: Stations

- Potential Modifications to Existing Caltrain Stations to Accommodate High-Speed Trains
 - » 4th and King (San Francisco)
 - » Millbrae/SFO
 - » San Jose (Diridon)

SAN FRANCISCO TO SAN JOSE: Potential Passing Track Locations



Preliminary Passing Tracks Under Consideration (Subject to Change)

- Three Potential Sets Under Consideration
 - » San Mateo Overtake (Hayward Park to Hillsdale)
 - » Short Middle Four Track Overtake (Hayward Park to San Carlos)*
 - » Middle Three Track Overtake (Hayward Park to California Ave.)*

*See *Caltrain/HSR Blended Service Plan Operations Considerations Analysis* (June 2013) Available on Caltrain's Website

SAN FRANCISCO TO SAN JOSE: Potential Light Maintenance Facility*



DRAFT BRISBANE MAINTENANCE FACILITY

*Potential facility placement would be either East or West of Caltrain tracks

SAN FRANCISCO TO SAN JOSE: TTC & DTX

- Transbay Transit Center (TTC) & Downtown Extension (DTX)
 - » Project to reach the Transbay Transit Center via the planned Downtown 1.3-mile extension
 - » Construction of the TTC is projected to be completed in 2017
 - » Rail service to the TTC will not begin until the DTX is complete
 - » Current San Francisco 4th & King Station to operate as interim station



ENVIRONMENTAL PROCESS UPDATE

Rich Walter, ICF

PUBLIC SCOPING/ENVIRONMENTAL REVIEW INITIATED

- Notice of Intent (NOI)/Notice of Preparation (NOP) Issued on May 9*
- Initiates Federal and State Environmental Review
- Public Scoping Meetings Being Held
- Comments Being Accepted Through June 10, 2016
- Scoping Meetings (5:00 p.m. – 8:00 p.m.):

San Francisco
 May 23, 2016
 UCSF Mission Bay
 1500 Owens St.
 San Francisco, CA

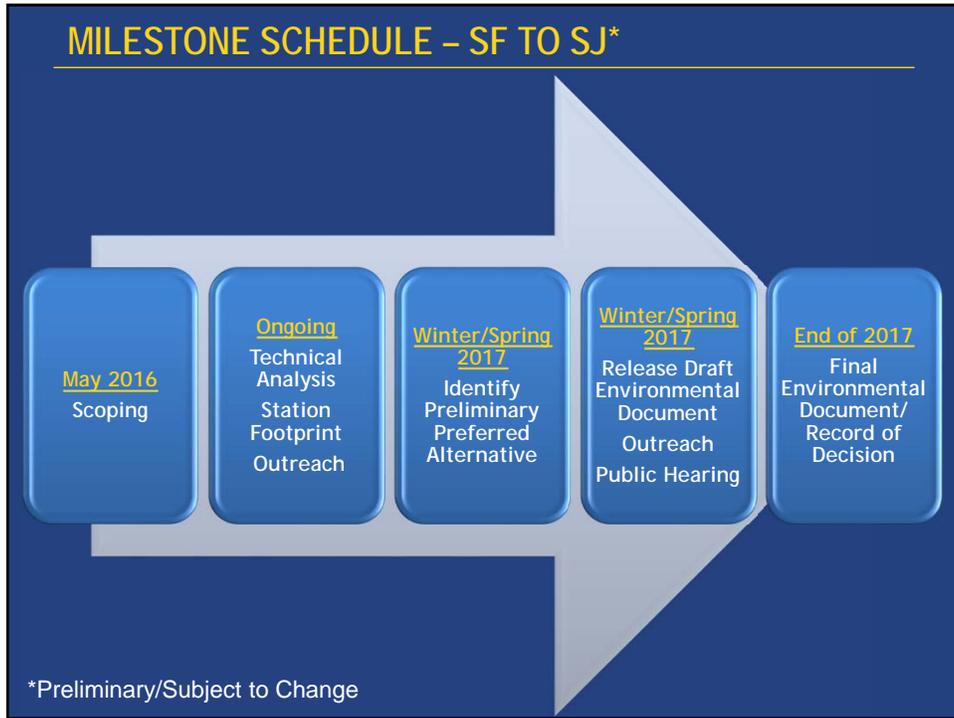
San Mateo
 May 24, 2016
 San Mateo Marriott
 1770 S. Amphlett Blvd.
 San Mateo, CA

Mountain View
 May 25, 2016
 SFV Lodge
 361 Villa St.
 Mountain View, CA

*Available on the Authority's Website

HOW TO PROVIDE COMMENTS

- **June 10, 2016 Deadline to Comment**
- Via email at san.francisco_san.jose@hsr.ca.gov
- Leave a verbal comment at 1-800-435-8670
- Comment at a Public Scoping Meeting
- Mail your comment to:
 - » Mark A. McLoughlin
 Attn: San Francisco to San Jose Project Section
 California High-Speed Rail Authority
 100 Paseo De San Antonio, Suite 206
 San Jose, CA 95113



TRANSPORTATION STUDY UPDATE

Bob Grandy, Fehr & Peers

TRANSPORTATION STUDY UPDATE

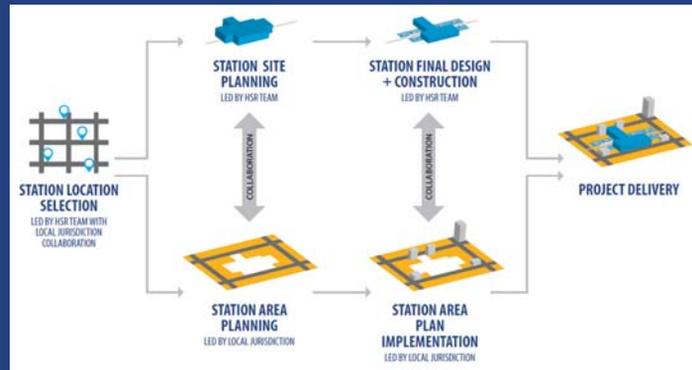
- A transportation analysis is being conducted to assess potential impacts on the transportation network created by:
 - › High-Speed Rail station areas
 - › Maintenance facilities
 - › Street closures
- Fehr & Peers is soliciting feedback on the current list of proposed intersections to study and if additional intersections should be added.

STATION PLANNING EFFORTS

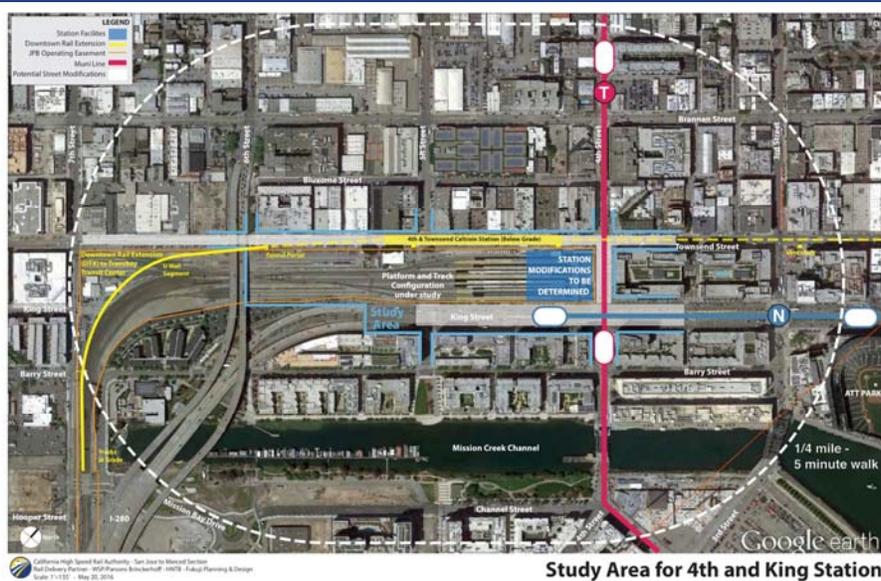
Ben Tripousis, Regional Director

STATION CLEARANCE

- Station Location
- Conceptual Station Site Layout
 - » Transit, Vehicle, Bike, Pedestrian Access & Parking
 - » Building Footprint & Massing
 - » Historic Resources



SAN FRANCISCO TO SAN JOSE: 4th & King Station



SAN FRANCISCO TO SAN JOSE: Millbrae (SFO) Station



Study Area for Millbrae Station

California High Speed Rail Authority - San Jose to Merced Section
 Rail Delivery Partner: WSP|Parsons|Brockhoff | HNTB | Kujala Planning & Design
 Scale: 1"=100' - May 26, 2016

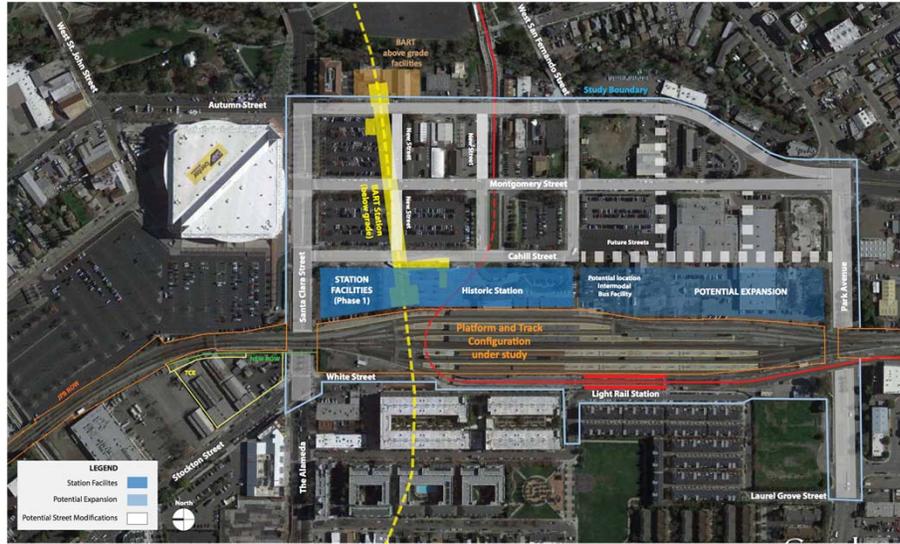
SAN FRANCISCO TO SAN JOSE: San Jose Station (Diridon)



Study Area for San Jose Station - Aerial Alternative

California High Speed Rail Authority - San Jose to Merced Section
 Rail Delivery Partner: WSP|Parsons|Brockhoff | HNTB | Kujala Planning & Design
 Scale: 1"=100' - May 26, 2016

SAN FRANCISCO TO SAN JOSE: San Jose Station (Diridon)



Study Area for San Jose Station - At-Grade Alternative

OUTREACH AND COMMUNITY ENGAGEMENT

Morgan Galli, Regional Outreach Manager

COMMUNITY WORKING GROUPS

- Soliciting Input on CWG Membership
- Proposed Regions:
 - » San Francisco City and County
 - » San Mateo County
 - » Santa Clara County
- First Meeting in Late June/Early July

PUBLIC COMMENTS

THANK YOU

Ben Tripousis, Northern California Regional Director
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San Francisco to San Jose Project Section
(800) 435-8670 *san.francisco_san.jose@hsr.ca.gov*

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