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

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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

- 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*

*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.):

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<th>Date</th>
<th>Venue</th>
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<td>May 23, 2016</td>
<td>UCSF Mission Bay</td>
<td>1500 Owens St.</td>
<td>San Francisco, CA</td>
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<td>San Mateo</td>
<td>May 24, 2016</td>
<td>San Mateo Marriott</td>
<td>1770 S. Amphlett Blvd.</td>
<td>San Mateo, CA</td>
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<td>Mountain View</td>
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<td>SFV Lodge</td>
<td>361 Villa St.</td>
<td>Mountain View, CA</td>
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*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
MILESTONE SCHEDULE – SF TO SJ*

*Preliminary/Subject to Change

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

Study Area for 4th and King Station
SAN FRANCISCO TO SAN JOSE: Millbrae (SFO) Station

Study Area for Millbrae Station

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

Study Area for San Jose Station - Aerial 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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