



Local Policy Maker Group (LPMG) Meeting

Thursday, February 27, 2020

5:30 p.m. – 7:30 p.m.

**SamTrans Offices – Bacciocco Auditorium 2nd Floor
1250 San Carlos Ave., San Carlos**

**Members of the public are welcome to attend the teleconference location at:
San Benito County Library, 470 5th St., Hollister, CA 95023**

Agenda

1. Call to Order
2. Staff Report
3. California High-Speed Rail: Update (Presented by California High-Speed Rail Authority Staff)
4. Caltrain Business Plan (memo no presentation)
5. Caltrain Electrification Project
6. Public Comments
7. LPMG Member Comments/Requests
8. Next Meeting
 - a. Thursday March 26, 2019 at 5:30pm
9. Adjourn



CALIFORNIA High-Speed Rail Authority

Memorandum

Date: February 20, 2020
To: Local Policy Maker Group (LPMG)
From: Boris Lipkin, Northern California Regional Director
Re: California High-Speed Rail Program Update

STATEWIDE UPDATE

Draft 2020 Business Plan

On February 12, 2020 the Authority released the Draft 2020 Business Plan for public review and comment. The plan is a summary of the project's progress over the last two years and the path forward to deliver high-speed rail in California. The plan outlines an approach to delivering the system starting with the first 171-mile building block between Merced, Fresno, and Bakersfield, which will connect three of the largest growing regions in California. At same time, the plan outlines the focus in Northern and Southern California on completing the environmental clearance work in the next 18-24 months, advancing pre-construction activities, and maintaining our commitments to the bookend projects, such as Caltrain electrification. The Authority is now seeking input as part of a 60-day public comment period, from **February 12 through April 12**. Comments may be submitted via the following:

Online Form: www.hsr.ca.gov/about/business_plans/business_plan_2020_comment_form.aspx

Email: DraftBP2020@hsr.ca.gov

Postal Mail: California High-Speed Rail Authority

Attn: Draft 2020 Business Plan

770 L Street, Suite 620, MS-1

Sacramento, CA 95814

Voicemail: 916-384-9516

In-person: March 17, Authority Board Meeting, Los Angeles, LA Metro Headquarters

The Draft 2020 Business Plan, associated technical studies and reports, and more information about providing public comment can be found on the Authority's Draft 2020 Business Plan webpage: https://www.hsr.ca.gov/about/business_plans/2020/

Construction Update

Construction progress continues to be made in the Central Valley with 30 active construction sites and over 70 miles of guideway being built. In 2019, the rate of construction on the program doubled during the course of the year while the number of workers on site in any given week close to tripled. There are now more than 700 construction workers on the program every week and we expect that progress to continue apace in 2020.

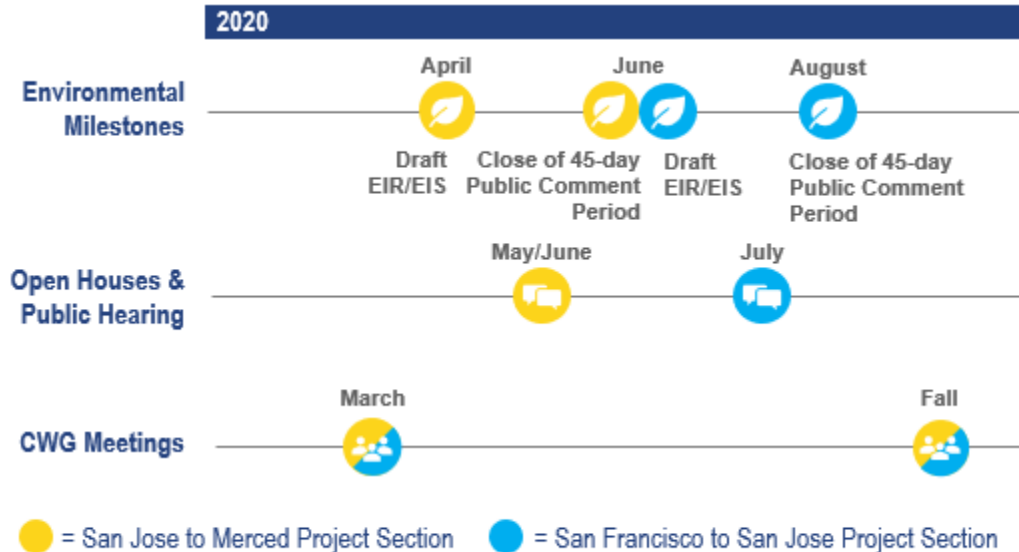
Progress can be seen on many of the major structures, crews are moving through varying stages of concrete installation on viaducts at the San Joaquin River, Hanford, Garces Highway, and Wasco.

Follow all construction updates at https://buildhsr.com/construction_update/.

NORTHERN CALIFORNIA UPDATE

Spring 2020 Community Working Group Meetings

In March 2020, the Authority will begin the next round of Community Working Group meetings in both the San Francisco to San Jose and San Jose to Merced Project Sections (see below). Authority staff will share highlights from the Draft 2020 Business Plan as well as information to prepare for the release of the Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS) in each project section and subsequent 45-day public comment periods. The San Jose to Merced Draft EIR/EIS will be released in April and the San Francisco to San Jose Draft EIR/EIS will be released in June.



March CWG meetings

- March 9: **Morgan Hill-Gilroy CWG**, South Valley Middle School, 385 IOOF Avenue, Gilroy, CA 95020
- March 11: **San Jose CWG** at Willow Glen Community Center, 2175 Lincoln Ave, San Jose, CA 95125
- March 16: **San Mateo County CWG** at Burlingame Library, March 11: San Jose Community Working Group
- March 17: **San Francisco CWG** at Bay Area Metro Center, Yerba Buena Room, 375 Beale Street, San Francisco, CA 94105

RECENT AND UPCOMING OUTREACH ACTIVITIES

- February 20: SPUR Lunchtime Forum
- February 20: Guadalupe-Washington Neighborhood Association Meeting and Neighborhood Walk
- February 21: Concord Rotary Club Presentation
- February 24: Emergency Assistance Network Presentation
- March 10: South Bay Transportation Officials Association (SBTOA) Meeting
- March 11: American Society of Civil Engineers (ASCE) Meeting
- March 12: Santa Clara Unified School District Board Meeting

NORTHERN CALIFORNIA REGION

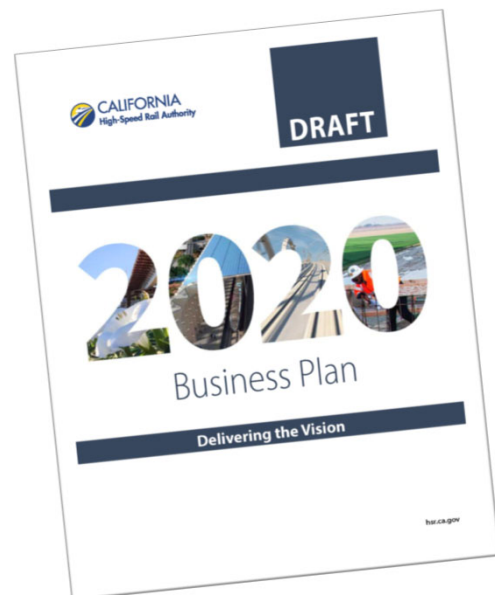
Local Policy Maker Group
February 27, 2020

San Carlos, CA



DRAFT 2020 BUSINESS PLAN

- **Required by PUC Section 185033**
 - » Foundational document for implementing the program
 - » Required every two years (even years)
- **Represents the status of the program at the current point in time**
- **Summarizes the Authority's approach to implementation**
- **Includes:**
 - » Updated capital cost and other estimates
 - » Updated ridership and revenue forecasts
 - » Summary of progress over last two years
 - » Review of current challenges and how to address them



LEADERSHIP IN SUSTAINABILITY

- California is the national leader on clean transportation in the era of climate change
- Meeting our mobility, economic, and environmental goals
- More than \$6.4 Billion has been invested in planning and building high-speed rail



PROJECT PROGRESS

- 700 onsite construction workers per week
- Doubled rate of construction in the Central Valley
- NEPA assignment approved by FRA
- Preferred Alternatives identified for entire Phase 1 system
- Issued first Record of Decision in five years (Shafter to Bakersfield)
- Initiated procurement of track and systems with issuance of Request for Proposals



30 Active Construction Sites



3,500+ construction jobs generated



520+ small businesses engaged



WHERE WE ARE IN 2020

- **350 miles of electrified high-speed rail on the way to or under construction**
 - » 171 miles between Merced and Bakersfield
 - » 51 miles of the Caltrain Corridor being electrified
 - » 130 miles connecting Las Vegas to Southern California

- **Remainder of Phase 1 (San Francisco to Los Angeles/Anaheim) environmental clearance underway**
 - » 5 Draft EIR/EIS documents planned in 2020



LOOKING AHEAD TO 2022

- **350 miles of high-speed rail under construction**
 - » First high-speed trains under development

- **Full Phase 1 environmental clearance complete**
 - » Advancing strategic investments
 - » Pursuing additional funding



WHY EXTEND TO BAKERSFIELD AND MERCED

171-MILE INTERIM SERVICE

- **Best value**

- › Expands train service
- › Reduces travel time
- › Increases ridership with lowered state operating costs

- **It's affordable**

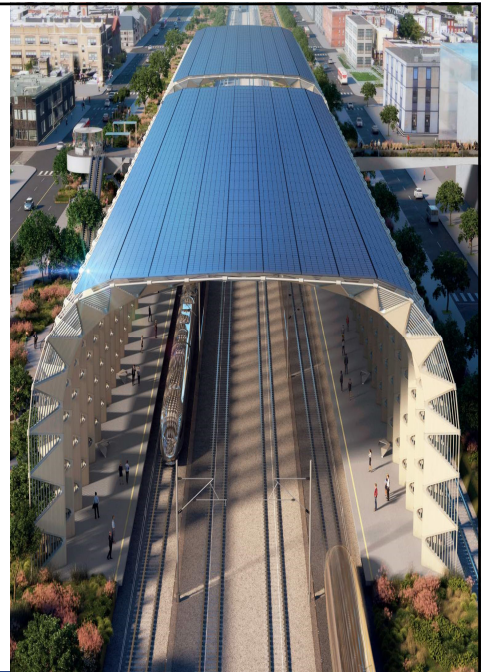
- › Cost of \$20.4 billion is within the \$20.6 billion and \$23.4 billion range budget

- **It connects three of the fastest growing counties of the state**

- › Merced, Fresno and Bakersfield

- **It Provides for interim connection**

- › North into Bay Area and Sacramento via the San Joaquin and ACE service
- › South into LA Basin via bus connection



DRAFT 2020 BUSINESS PLAN



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COSTS AND FUNDING

- Proposing to use funds available through 2030 to deliver initial line between Merced and Bakersfield
- Cost estimates still within ranges from the 2018 Business Plan
- Projected \$20.6 to \$23.4 billion in total funding available through 2030, based on Cap-and-Trade estimates



350 miles under development/construction



Full Phase 1 environmental clearance in 18-24 months



Over \$8 billion in economic output from investment to date

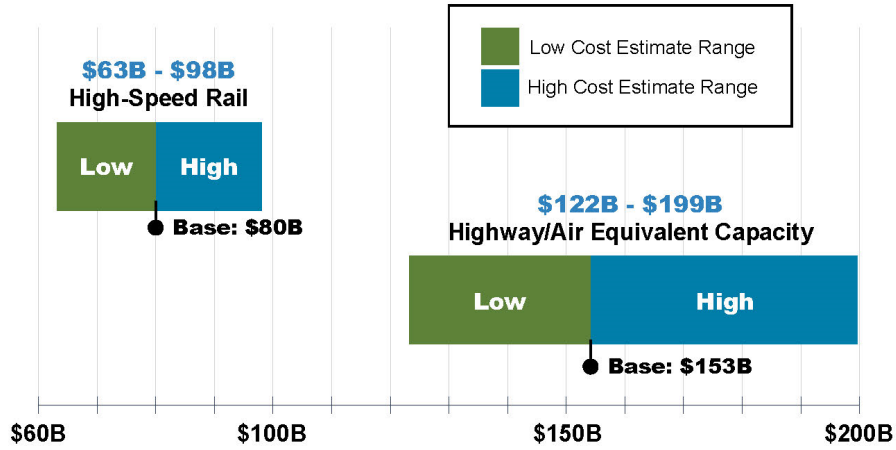
DRAFT 2020 BUSINESS PLAN



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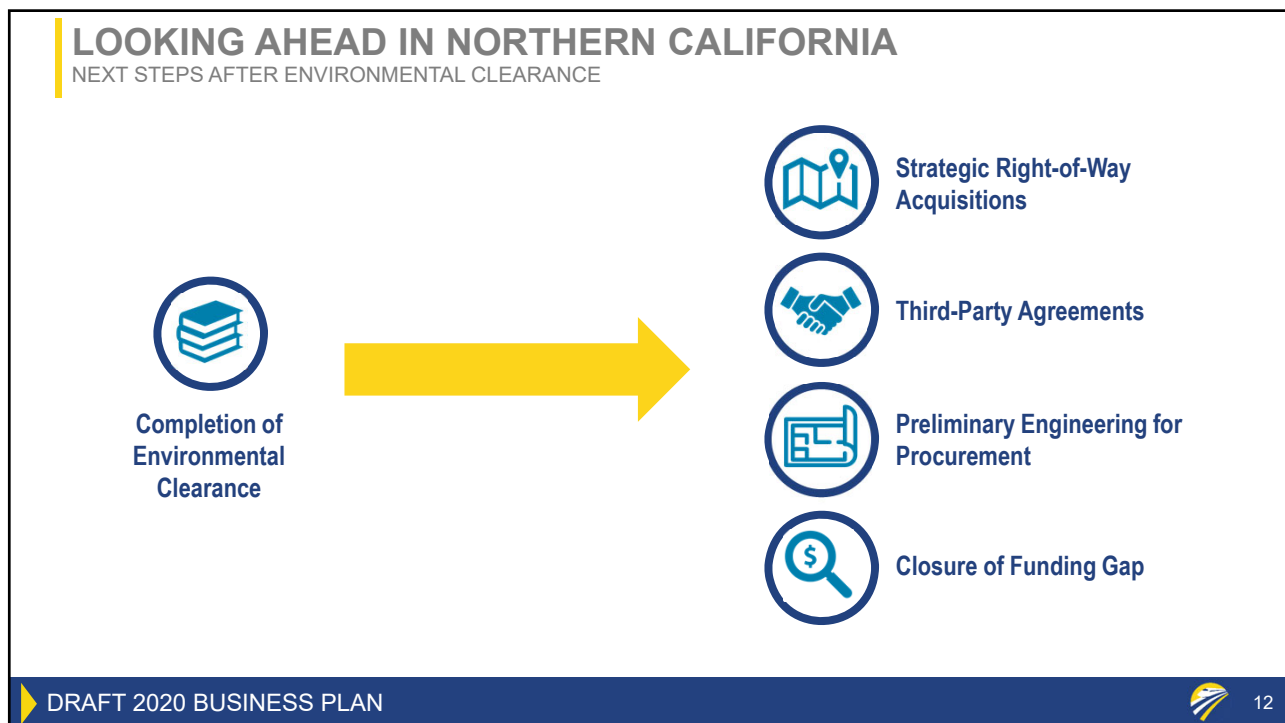
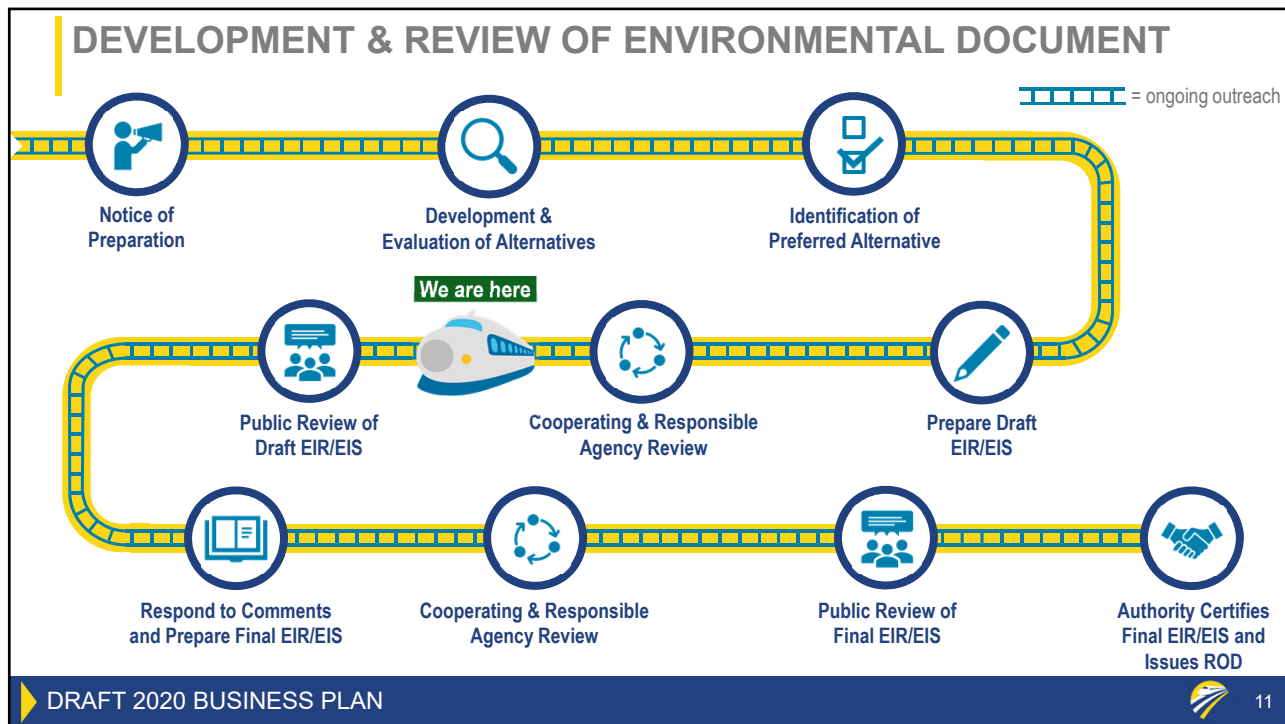
A GOOD INVESTMENT

- Cost of High-Speed Rail Phase 1 compared to cost of equivalent highway/air capacity



HIGH-SPEED RAIL IN NORTHERN CALIFORNIA IN 2020



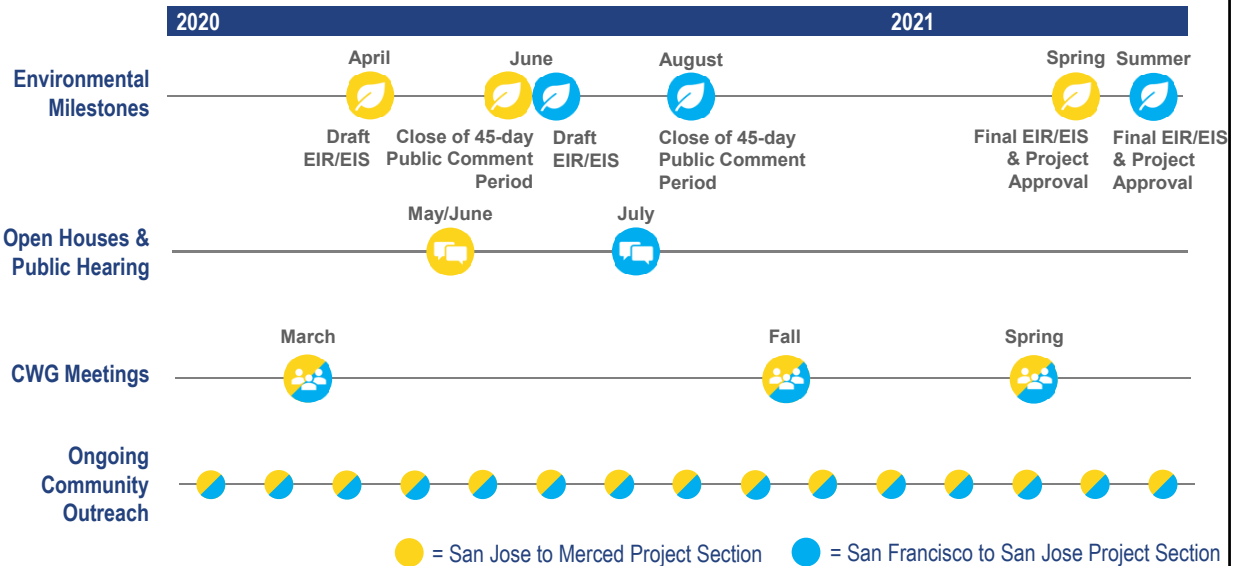


HOW TO COMMENT ON THE DRAFT 2020 BUSINESS PLAN

- 60-day public comment period: February 12 through April 12
- Online at: www.hsr.ca.gov/about/business_plans/business_plan_2020_comment_form.aspx
- By phone: 916-384-9516
- By email: DraftBP2020@hsr.ca.gov
- By mail:
 - » California High-Speed Rail Authority
 - » Attn: Draft 2020 Business Plan
 - » 770 L Street, Suite 620, MS-1
 - » Sacramento, CA 95814
- In Person:
 - » Authority Board Meetings:
 - February 18, Sacramento, California Department of Food and Agriculture Headquarters
 - March 17, Los Angeles, LA Metro Headquarters
- Board Adoption of Draft Business Plan
 - April 21, Fresno, Location TBD



NORTHERN CALIFORNIA OUTREACH



UPCOMING COMMUNITY WORKING GROUP MEETINGS

Morgan Hill-Gilroy CWG

March 9, 6:00 to 8:00 p.m.
South Valley Middle School
Gilroy, CA

San Jose CWG

March 11, 6:00 to 8:00 p.m.
Willow Glen Community Center
San Jose, CA

San Mateo County CWG

March 16, 6:00 to 8:00 p.m.
Burlingame Library
Burlingame, CA

San Francisco CWG

March 17, 6:00 to 8:00 p.m.
Bay Area Metro Center
San Francisco, CA



Headquarters
California High-Speed Rail Authority
770 L Street, Suite 620
Sacramento, CA 95814
www.hsr.ca.gov



Northern California Regional Office
California High-Speed Rail Authority
100 Paseo De San Antonio, Suite 300
San Jose, CA 95113



Memorandum

Date: February 26, 2019
To: CalMod Local Policy Maker Group (LPMG)
From: Sebastian Petty, Director of Policy Development
Re: Caltrain Business Plan

PROJECT UPDATE

Following the Peninsula Corridor Joint Powers Board's adoption of the Caltrain Long Range Service Vision in October, the Business Plan team spent November through February focused on completing remaining technical work on the plan to both round out the 2040 Service Vision and develop key actions for the next 10 years.

Ongoing Technical Work

The Business Plan team is concurrently developing a number of additional technical analyses and documentation elements needed to complete the Business Plan in mid-2020. The following technical areas will be refined:

- Travel Market: Near-term travel markets analysis
- Service: 6-train and 8-train service plan options for 2022-2029
- Ridership: Near-term ridership forecasts
- Equity: Opportunities and challenges and market analysis
- Funding: Review of universe of funding and revenue sources and a preview of the 10-year funding plan

Background

In 2017, the JPB secured full funding for the Peninsula Corridor Electrification Project and issued notices to proceed to its contractors for corridor electrification and purchase of Electric Multiple Unit railcars. Now that construction on this long-awaited project is underway, the agency has the opportunity to articulate a long-term business strategy for the future of the system.

The initial concept for a Caltrain “Business Plan” was brought to the Board in April of 2017. The Board reviewed a draft scope of work for the Business Plan in December of 2017 and adopted a final Business Strategy and Scope of Work in February of 2018. Technical work on the Plan commenced in the summer of 2018. The Business Plan has been scoped to include long-range demand modeling, and service and infrastructure planning, as well as organizational analysis and an assessment of Caltrain’s interface with the communities it traverses. In October of 2019, the JPB marked a major milestone in the Business Plan process with its adoption of a “2040 Service Vision” for the Caltrain system. This action sets long-range policy guidance for the future of the Caltrain service and allows staff to move forward with completion of the overall plan by early 2020.



Memorandum

Date: February 27, 2020
To: CalMod Local Policy Maker Group (LPMG)
From: John Funghi, CalMod Chief Officer; Casey Fromson, Gov. Affairs Director
Re: Caltrain Electrification Project E-Update

CONSTRUCTION UPDATE

To accommodate the new electric trains, construction crews are continuing work in the four San Francisco tunnels. As of February 22, crews have started installation of the overhead contact system inside the tunnels. This system of conductor rail and wires will power the new trains.



In order to facilitate work in the tunnels, trains will not operate on weekends between San Francisco and Bayshore stations from February 22 to March 29. Caltrain service will stop at Bayshore Station and a free bus bridge will transport passengers to the 22nd and 4th & King Stations. Weekday service will not be impacted. Details regarding station impacts, ticketing and transit alternatives are available at: caltrain.com/SFWeekendClosure.

This month, crews installed foundations from Menlo Park to San Jose. Work was also performed on six traction power facilities in San Jose, Redwood City, Sunnyvale and San Mateo.

To sign up for weekly construction updates or for more construction information, visit CalMod.org/construction.

ELECTRIC VEHICLE UPDATE:

For the first (but not the last) time in CalMod history, seven electric train cars were coupled together as a complete train set. The assembly of the first train is a major milestone bringing us one step closer to a new and improved, electric Caltrain. Next, the train will be tested on tracks in Salt Lake City, Utah, and will then travel to Pueblo, Colorado to be tested at full speed. This is the first of 19 trains that will make up Caltrain’s new electric fleet.



Lifting or lowering one end of the car simulates a vertical curve at the opposite truck.

Ever wonder how manufacturers ensure trains can safely make turns? They conduct what’s called a “Swing Test.” This includes adding weight to the vehicle to simulate passengers then lifting, lowering, and swinging the ends of the car to simulate curves. The test verifies proper clearances between car body, trucks, couplers, and associated wiring and air piping during both vertical (hills and valleys) and horizontal (turns) track curves.

To see more behind-the-scenes look into how these tests are being performed on our new trains, visit CalMod.org/Gallery.

PUBLIC MEETINGS

JPB Board Meeting – March 5 at 9:00 a.m

LPMG Meeting – March 26 at 5:30 p.m

For more details, and a full list of upcoming meetings, please visit CalMod.org/Events.

DETAILED PROGRESS REPORT

- [December 2019 Monthly Progress Report](#) presented to Caltrain Board on January 9, 2020