



CALIFORNIA
High-Speed Rail Authority

NORTHERN CALIFORNIA PROGRAM UPDATE

Boris Lipkin, Northern California Regional Director

Local Policy Maker Group
Thursday, September 27, 2018



AGENDA

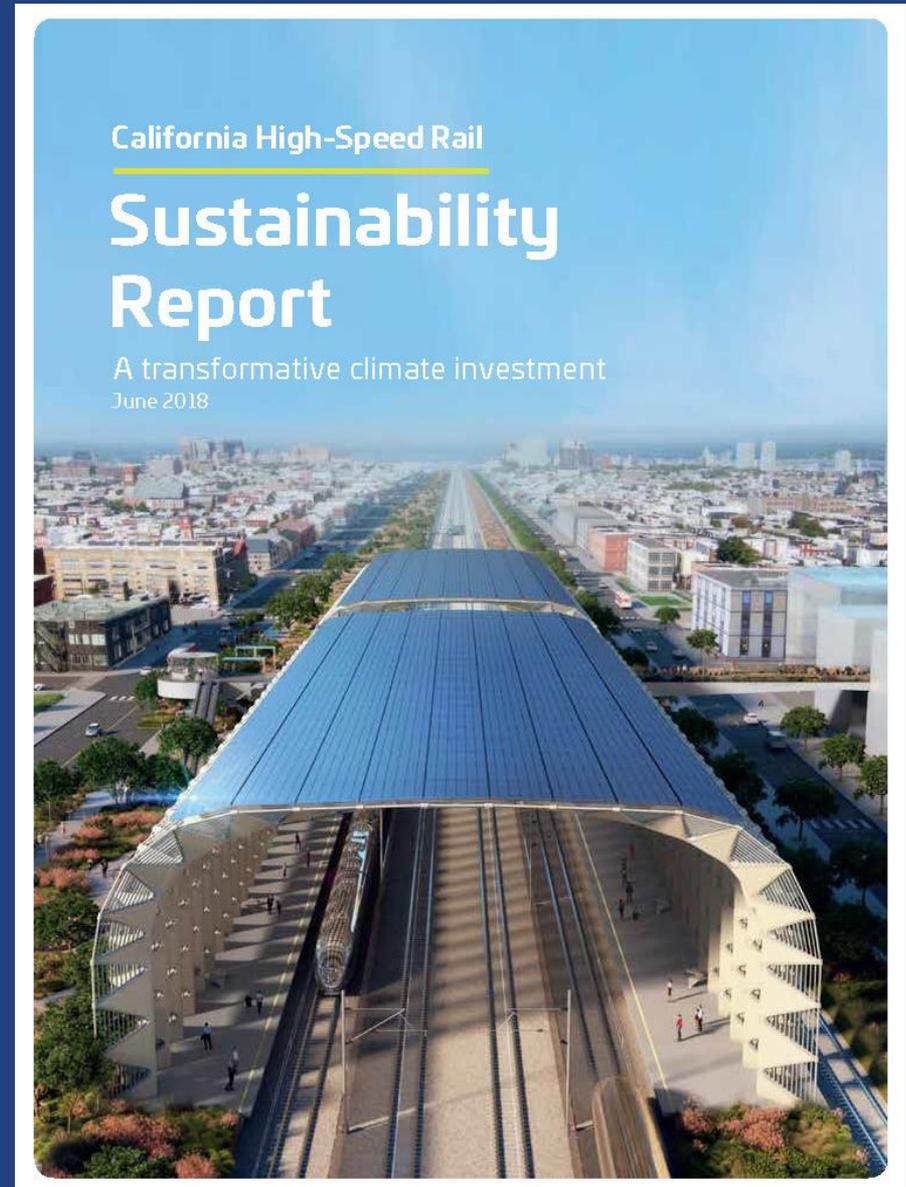
- **2018 Sustainability Report**
- **San Francisco to San Jose Preliminary Engineering for Project Definition (PEPD) Review**
- **San Jose to Merced Project Section Update**
- **Outreach Update**

SUSTAINABILITY REPORT

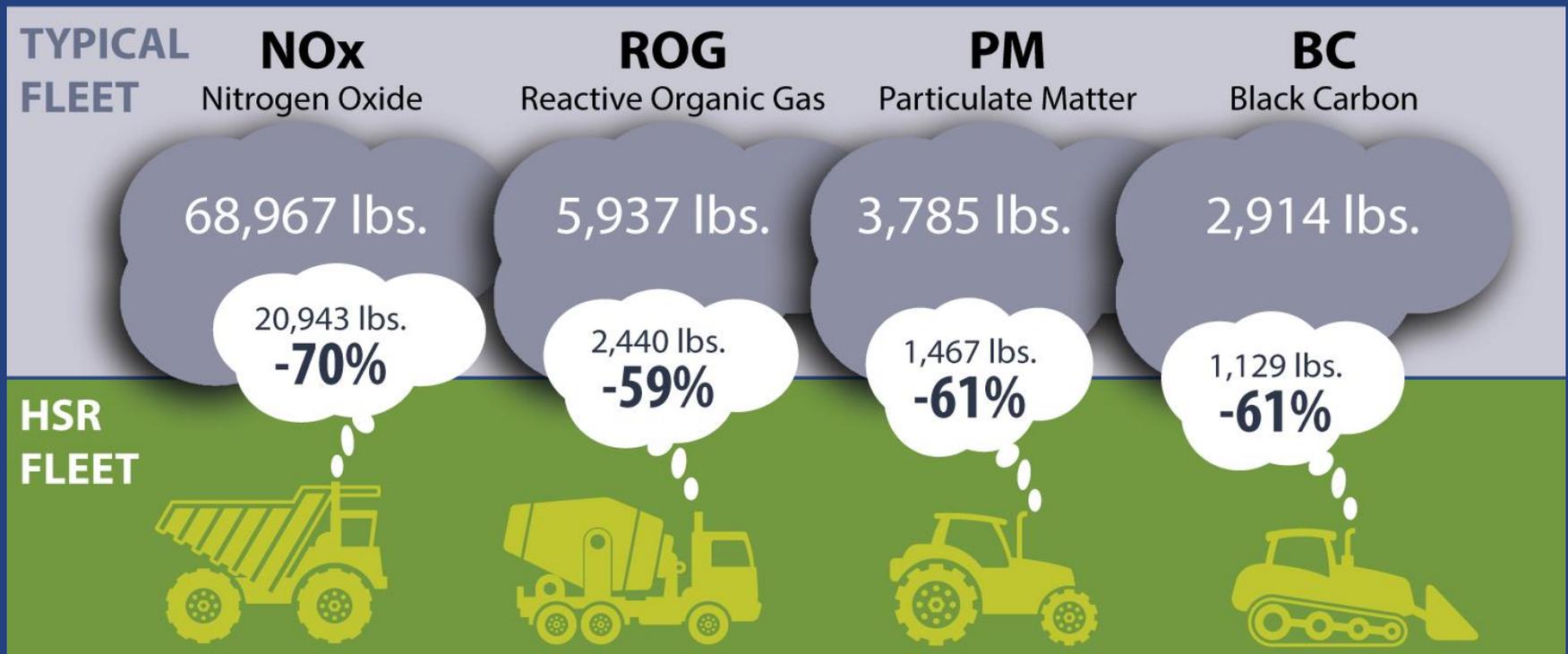


HIGH-SPEED RAIL: Key to a Sustainable Future

- Our goal – create the cleanest infrastructure project in the nation
- Our commitments:
 - » Net-zero emissions in construction
 - » Zero emissions trains powered by 100 percent renewable energy
 - » Net-zero energy stations
 - » Catalyst for more sustainable development
- Top sustainable infrastructure project in North America for the second year in a row per the GRESB Infrastructure Assessment
- Key to tackling climate change and reaching a low-carbon future



RESULTS: AIR QUALITY



In addition:

- Over 1,300 lifetime tons of air pollution offset to date
- Additional 3,500 tons of pollution reduction annually in operation

RESULTS: AVOIDING GHG EMISSIONS

Exhibit 21: 2017 Materials Management (in Tons)



- 64,489 Concrete Recycling
- 38,802 Asphalt Recycling
- 11,063 Mixed Recycling
- 3,311 Metals Recycling
- 2,306 Organics
- 361 Recycled Wood
- 326 Materials Landfilled

RESULTS: OFFSETTING GHG EMISSIONS

- 200 trees planted to date will:
 - » Offer shade
 - » Improve air quality
 - » Provide recreation benefits in West Fresno
 - » Offset 600 tons of GHG over their lifetime
- Partnering with Tree Fresno and California Urban Forestry Coalition on additional planting



RESULTS: JOBS AND ECONOMIC ACTIVITY



Providing Benefits Now:

- 45% of workers to date live in disadvantaged communities
- 154 of 463 small businesses are located in disadvantaged communities



54% of total project expenditures occurred in disadvantaged communities throughout California, spurring economic activity in these areas.

PRELIMINARY ENGINEERING FOR PROJECT DEFINITION (PEPD)



UPDATE ON SECTION PROGRESS

- **Engagement with Cities on PEPD:**

- ✓ **Round 1 Office Hours – Completed!**

 - Key Themes

 - » Planned or expected projects (i.e., grade separations, housing and other commercial developments)
 - » Key design features: safety modifications within existing ROW, minimal impacts
 - » Safety, noise, traffic and aesthetic impacts
 - » *Connecting Communities Strategy (CCS)* process
 - » Questions: environmental schedule, coordination with Caltrain, train speed, etc.

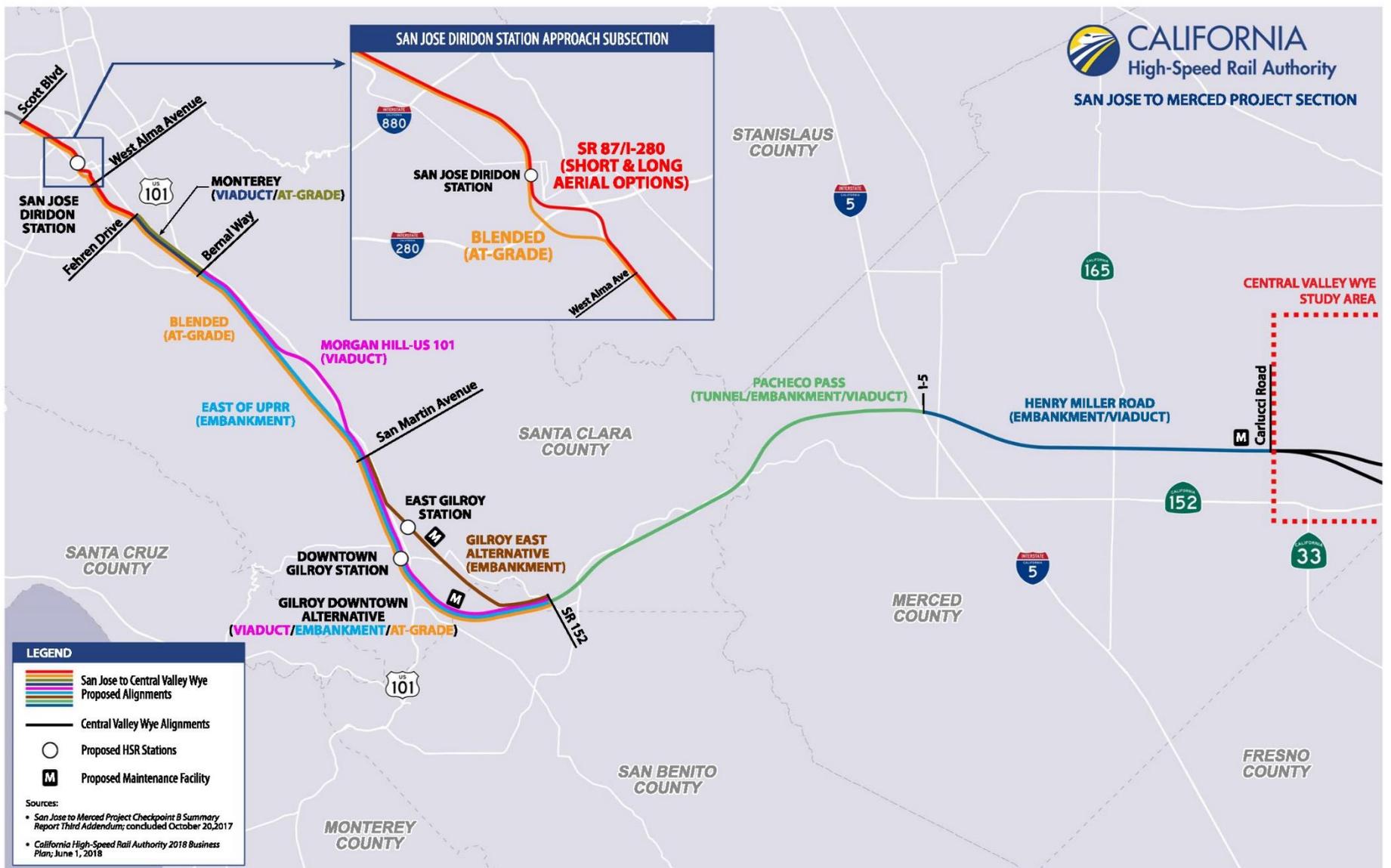
- **Round 2 Office Hours: November**

 - Preview draft design that will be included in the Draft EIR/S.*

SAN JOSE TO MERCED PROJECT SECTION UPDATE

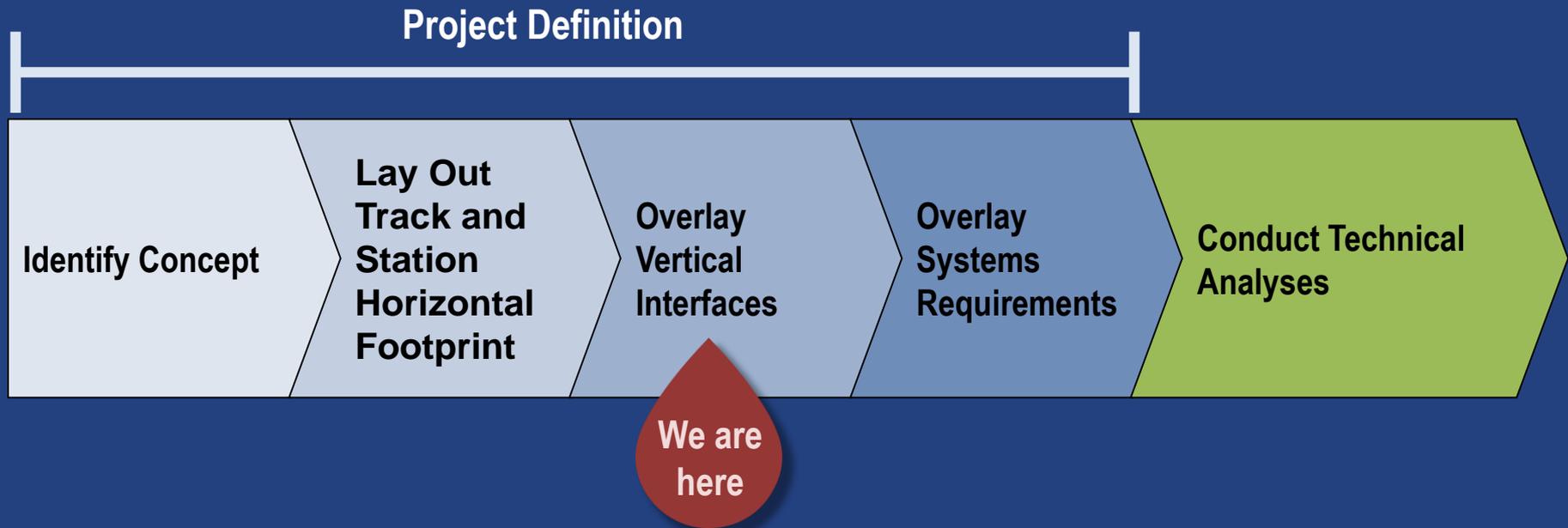


SAN JOSE TO MERCED ALIGNMENT OPTIONS



DRAFT - AUGUST 2018

PROCESS FOR DEVELOPING AN ALTERNATIVE



KEY ALTERNATIVE INPUTS

BASIC CONCEPT

- » At-grade alignment using existing Caltrain/UPRR Corridor
- » Primarily 3 tracks (2 electrified passenger tracks, one unelectrified freight track)*
- » Blended operations with 110 mph max speed

KEY DESIGN CRITERIA

- » Priority: stay within the existing railroad rights-of-way while maintaining 110 mph speed
 - Use Caltrain/HSR Blended system criteria to reduce need for additional property
- » Maintain functionality for Caltrain service to existing Caltrain Stations
- » Minimize modifications to existing infrastructure where practical
- » Improve corridor safety through continuous fencing and four-quad gates at grade crossings

*Note: There are three existing tracks north of Diridon that would be expanded to four tracks and a passing siding for UPRR would be added in Coyote Valley

OUTREACH UPDATE



CONNECTING COMMUNITIES STRATEGY

City and County Staff Meetings

Purpose: Review current projects and potential funding opportunities for Disadvantaged Communities (SF 535) and Low-Income Communities (AB 1550).

COMPLETE

Brisbane
Millbrae
Burlingame
Redwood City
Palo Alto
Sunnyvale
City of Santa Clara
San Jose
VTA
Morgan Hill
Gilroy

SCHEDULED

San Bruno (9/27)
County of San Mateo –
North Fair Oaks – (10/3)

TO BE SCHEDULED

San Francisco
South San Francisco

Next Step: October Community Working Group Meetings

Purpose: Review findings from Community Priority Exercises with CWGs and meetings with city and county staff.

COMMUNITY WORKING GROUPS

South Peninsula CWG

October 15, 6-8 PM

Santa Clara County Public Library
City of Santa Clara, CA

San Mateo County CWG

October 22, 6-8 PM

Millbrae Public Library
Millbrae, CA

San Francisco CWG

October 24, 6:30-8:30 PM

SPUR Urban Center
San Francisco, CA

- **South Peninsula (formerly Santa Clara County) CWG**
- **Topics**
 - » 2018 Business Plan
 - » Range of Alternatives
 - » Environmental Process Update
 - » Connecting Communities Strategy Update
- **Additional NorCal CWG Meetings – November (Dates TBD)**
 - » San Jose CWG
 - » Morgan Hill-Gilroy CWG

SELECT OUTREACH ACTIVITIES

• August

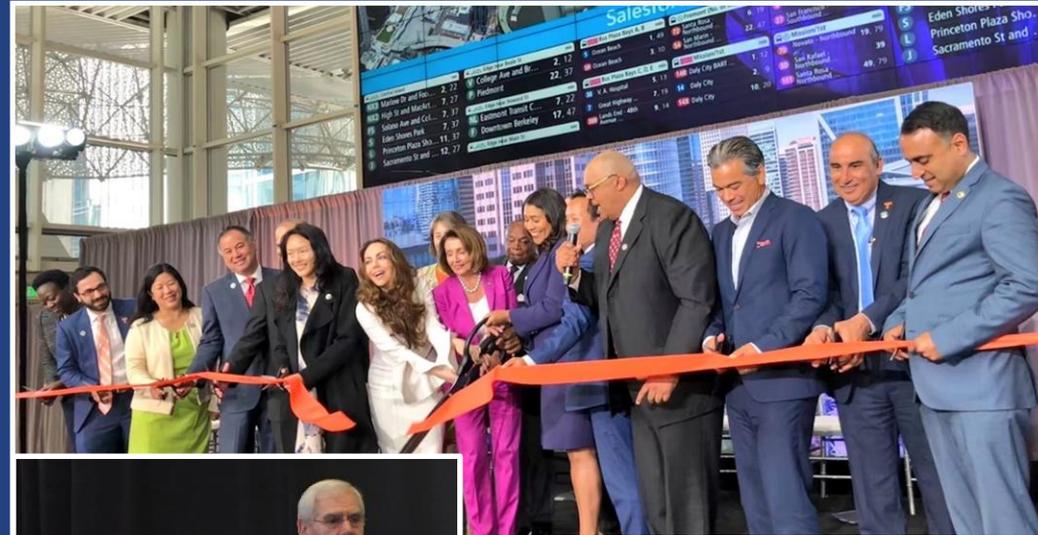
- » Salesforce Transit Center Opening
- » Morgan Hill High-Speed Rail Day
- » City of San Jose CWG

• September

- » National High-Speed Rail Leadership Summit
- » Global Climate Action Summit
- » Sunnyvale State of the City
- » Asm. Evan Low State of the District
- » Gilroy City Council and Gilroy Unified School District Joint Meeting

• October

- » 10/2: Town of Atherton Rail Committee
- » 10/14: Transportation Museum in San Carlos
- » Community Working Group Meetings



San Francisco	1:00 p.m.	-	2:00 p.m.
Millbrae	1:19 p.m.	-	2:19 p.m.
San José	1:41 p.m.	2:00 p.m.	2:41 p.m.
Gilroy	-	-	3:07 p.m.
Madera	-	-	3:39 p.m.
Fresno	-	-	4:02 p.m.
Kings/Tulare	-	-	4:24 p.m.
Bakersfield	-	-	5:00 p.m.
Palmdale	-	-	5:40 p.m.
Burbank	3:50 p.m.	4:07 p.m.	6:06 p.m.
Los Angeles	4:00 p.m.	4:25 p.m.	6:25 p.m.



THANK YOU & STAY INVOLVED

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