



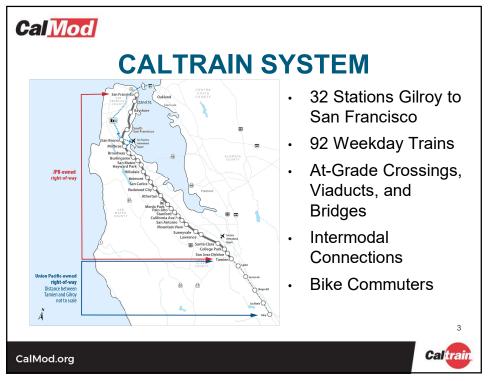
# **AGENDA**

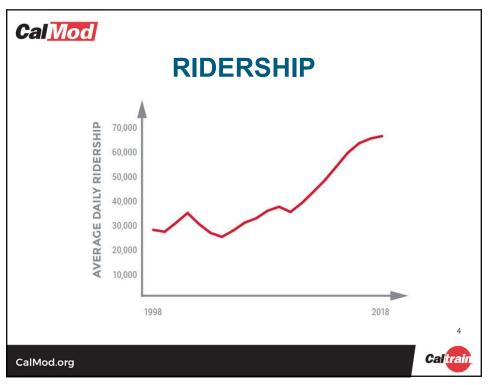
- Caltrain System Overview
- Project Overview
- Electric Train Design
- Santa Clara Construction Activities
- Questions

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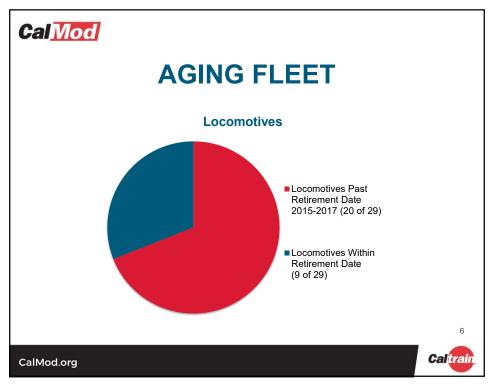
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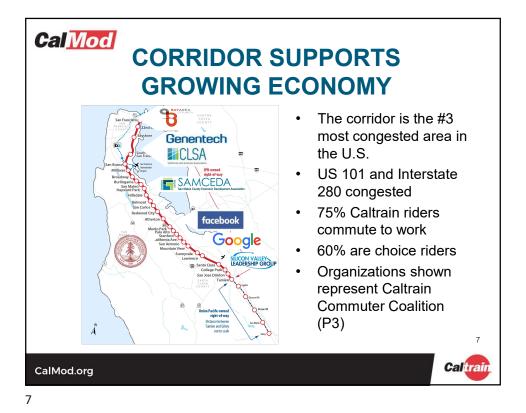
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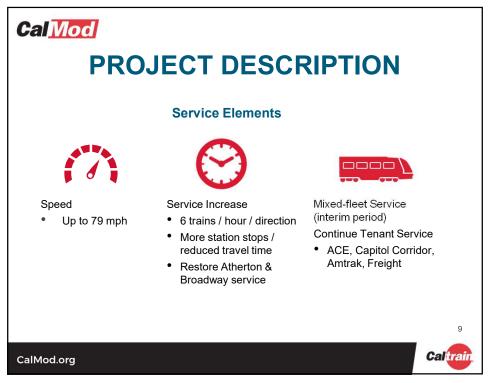


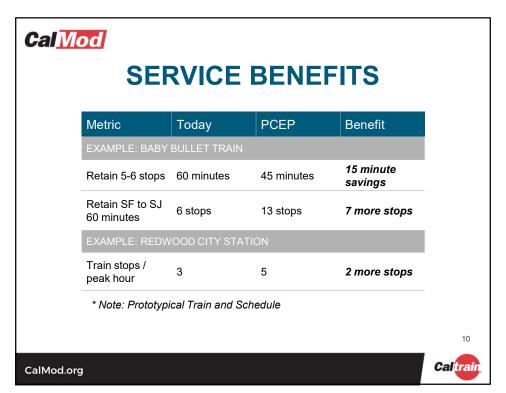


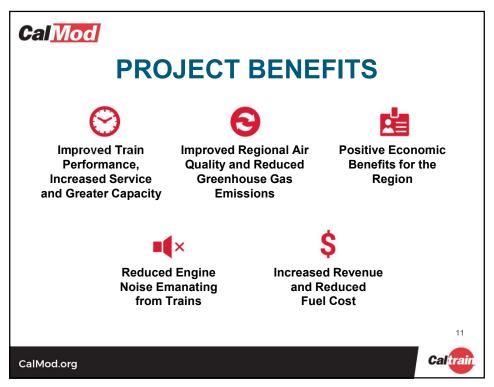


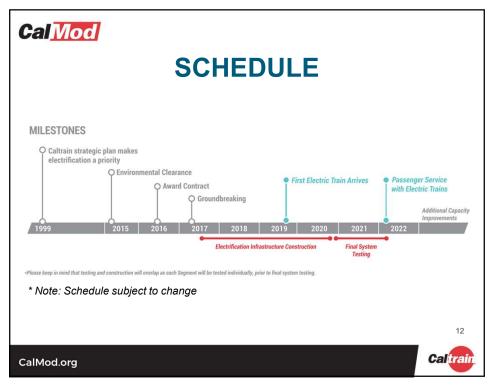


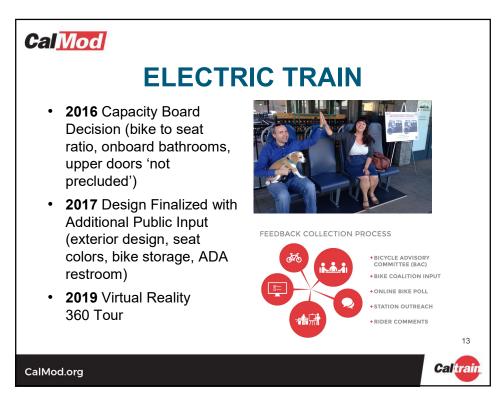
Cal Mod **PROJECT DESCRIPTION Project Area Project Elements** Electrification Electric Trains\* Overhead Contact 19 7-car train sets System (OCS) 133 electric cars 51 miles **Traction Power** \*Includes 2018 State TIRCP San Francisco to San Jose **Facilities** Funding (Tamien Station) Caltrai CalMod.org

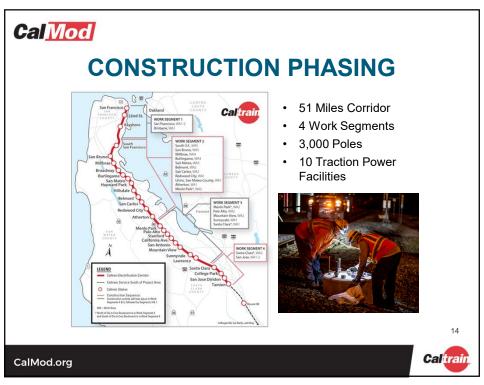


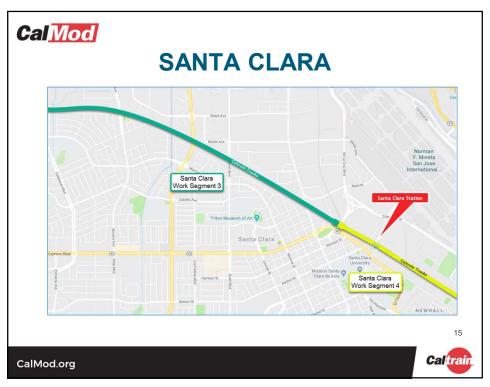


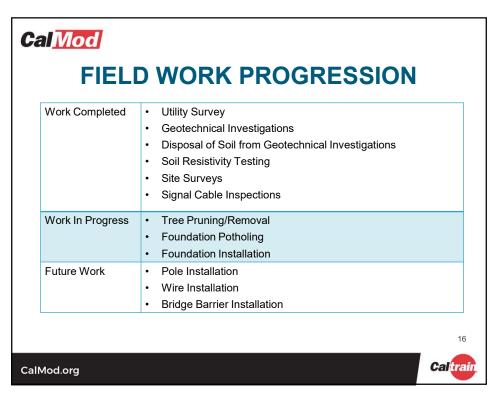














#### **FUTURE CONSTRUCTION ACTIVITIES**

Santa Clara (Segment 4 - South of De La Cruz)

Date	Work Activity	Expected Duration*
In Progress	Potholing	2-3 months
Spring/Summer 2019	Foundation Construction	3-4 months
Summer 2019	Pole Installation	3-4 months
Late 2019	Wire Installation	3-4 months

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\*Expected duration indicates first and last day of activity. Number of actual work days will be fewer.



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#### **FUTURE CONSTRUCTION ACTIVITIES**

Santa Clara (Segment 3 - North of De La Cruz)

Date	Work Activity	Expected Duration*
In Progress	Potholing	2-3 months
Summer/Fall 2019	Foundation Construction	3-4 months
Fall 2019	Bridge Barrier Installation	2-3 months
Early 2020	Pole Installation	3-4 months
Early-Mid 2020	Wire Installation	3-4 months

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\*Expected duration indicates first and last day of activity. Number of actual work days will be fewer.





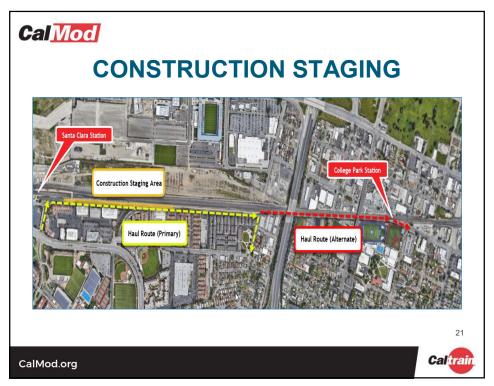


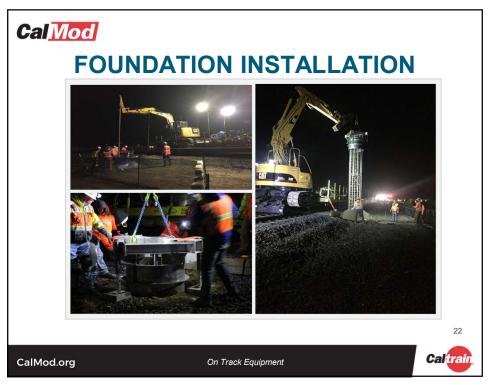
## **CONSTRUCTION STAGING**

- Equipment will be staged between the Santa Clara and College Park Stations
- Construction staging will occur along the Caltrain right-of-way south of Santa Clara Station
- Use of trucks, loading/unloading construction trains, occasional use of backup alarms
- 6-8 month period
- Day and night work from 7 p.m. to 5 a.m.

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#### **FOUNDATION CONSTRUCTION**

- Excavation
- Rebar and Anchor Installation
- Electrical Grounding
- Concrete Fill

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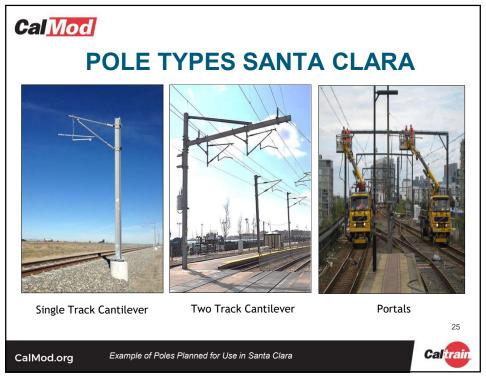
## Cal Mod

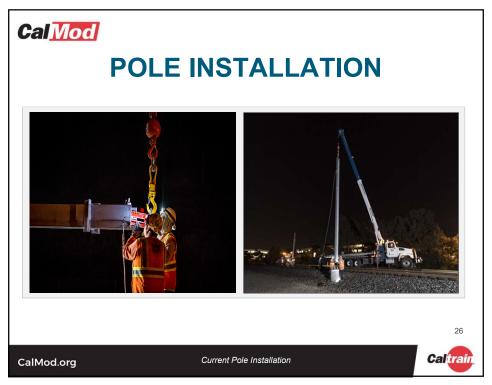
## **POLE INFORMATION**

- 3,000 Installed throughout Corridor
  - Approx. 150 poles in Santa Clara
- Pole Height: 30-50'
- Pole Spacing: ~180' apart

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# **SANTA CLARA TEST TRACK**

- Approximately 1.5 miles of track
- Located between Santa Clara Station and Caltrain CEMOF facility
- Foundations, poles and wires to be installed prior to electric train testing

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#### SANTA CLARA TEST TRACK

- New electric trains will be tested on track
- Testing to occur between 2020 and 2021
- Testing anticipated to be during daytime

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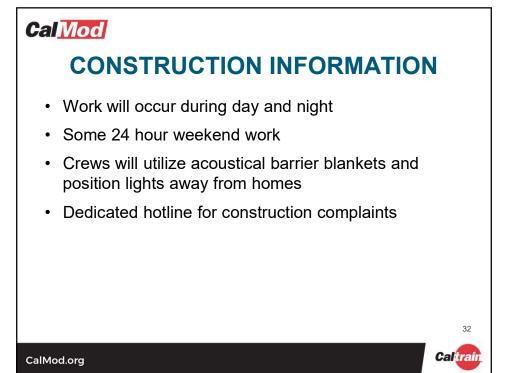
# **BRIDGE BARRIERS**

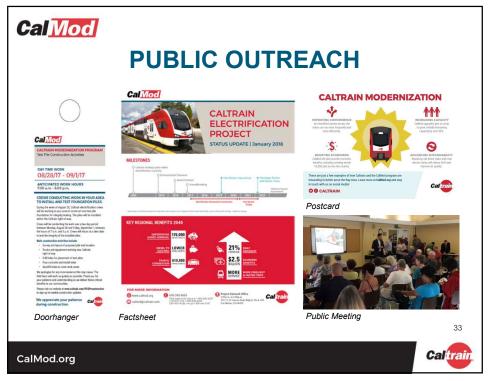
- Ensure the safety of pedestrians and electrical infrastructure
- Will be installed at:
  - Scott Boulevard
  - Lafayette Street
  - De La Cruz Boulevard

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# **PUBLIC OUTREACH**

- Subscribe to Weekly Updates
  - Visit www.calmod.org/get-involved
- · Social Media
- · Construction Outreach Office

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# WHAT'S NEXT Caltrain Business Plan Caltrain2040.org High-Speed Rail Blended System hsr.ca.gov Caltrain Downtown Extension sftca.org/transbay-transit-center Diridon Concept Plan DiridonSJ.org

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