

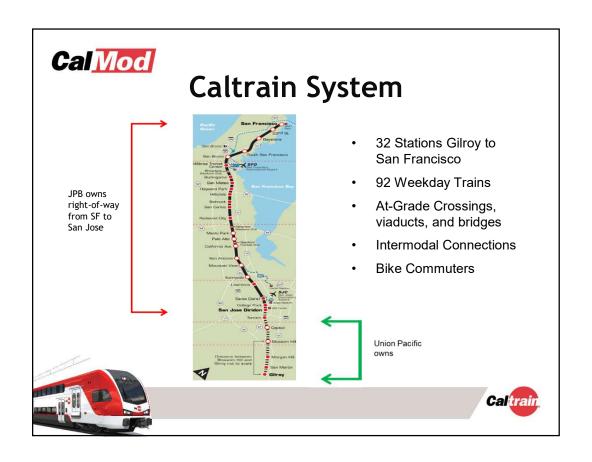


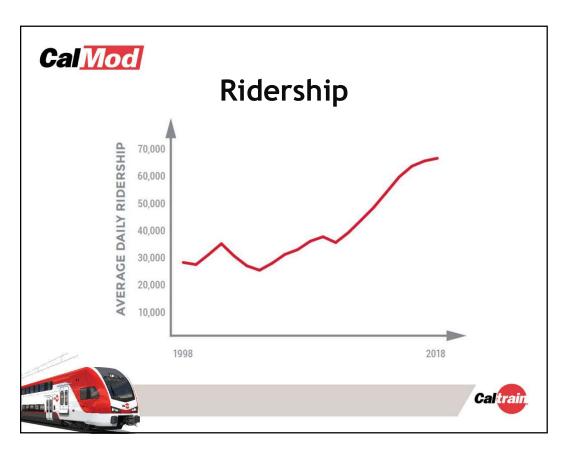
# Agenda

- Project Overview Recap
- Project Update
- Electrification Infrastructure
  - Atherton Activities
- Questions

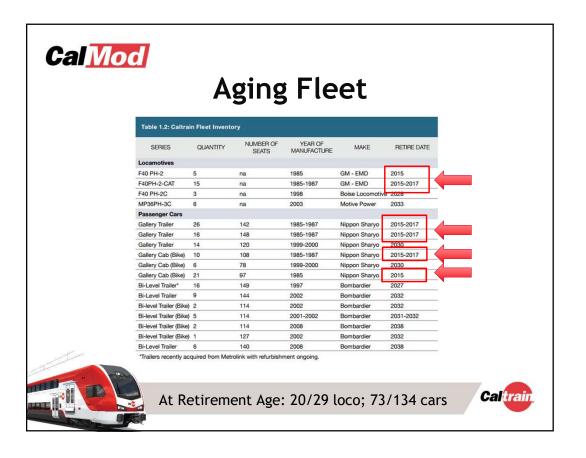


Caltrain











# **Regional Transportation Needs**

- US 101 and Interstate 280 Congested
- Corridor supports growing economy
- 75% Caltrain riders commute to work
- 60% are choice riders























Area Project	Service
51 miles  San Francisco to San Jose (Tamien Station)  Electrification:  Overhead Contact System (OCS)  Traction Power Facilities  Electric Trains  75 percent of fleet	Up to 79 mph Service Increase  • 6 trains / hour / direction  • More station stops / reduced travel time  • Restore Atherton & Broadway service  Mixed-fleet service (interim period) Continue tenant service  • ACE, Capitol Corridor, Amtrak, Freight



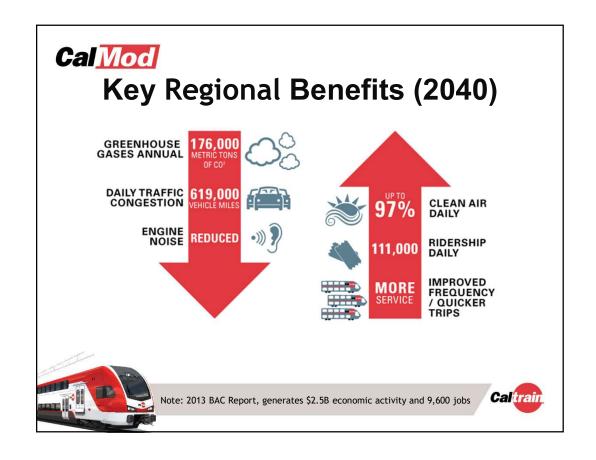
### **Service Benefits**

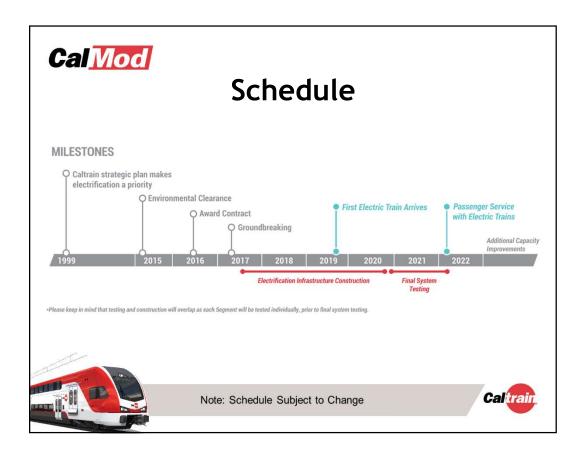
Metric	Today	PCEP		
Example Baby Bullet Train				
Retain 5-6 stops	60 minutes	45 minutes		
Retain SF to SJ 60 minutes	6 stops	13 stops		
Example Redwood City Station				
Train stops / peak hour	3	5		

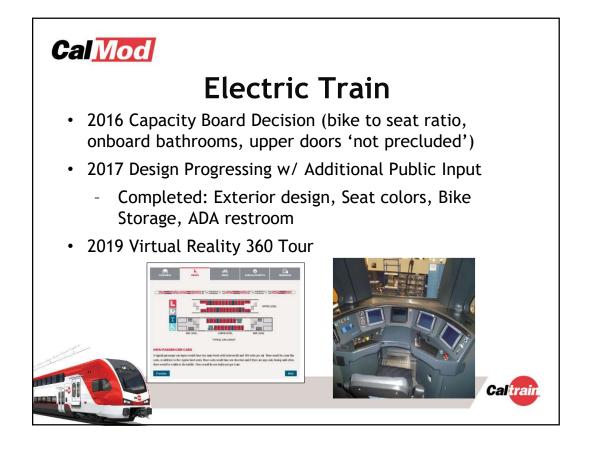


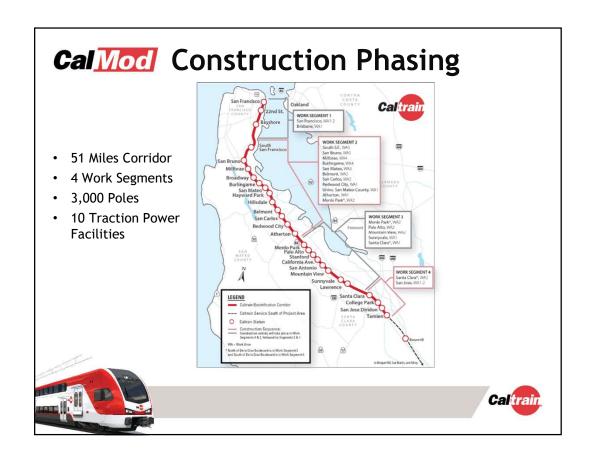
Note: Prototypical Train and Schedule















# Cal Mod Field Work Progression

Work Completed	Utility Survey
	Geotechnical Investigations
	Disposal of Soil from Geotechnical Investigations
	Soil Resistivity Testing
	Site Surveys
	Signal Cable Inspections
	Tree Pruning/Removal
Work In Progress	Potholing
	Foundation Installation
Future Work	Pole Installation
	Wire Installation







# **Future Construction Activities**

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



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





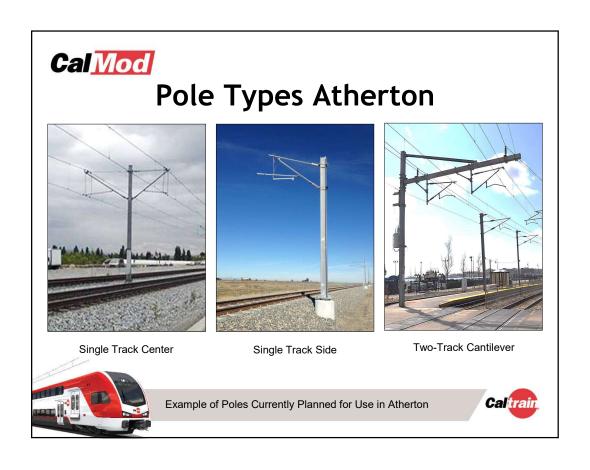
# **Cal** Mod

## **Pole Information**

- 3,000 Installed throughout Corridor
  - 22 poles in Atherton
- Pole Height: 30-50'
- Pole Spacing: ~180' apart











# **Stringing Wire**







4 overhead wires per track: Feeder, Contact, Messenger, and Static





# **Construction Impacts**

- Work will occur during day and night
- Some 24 hour weekend work
- Crews will utilize acoustical barrier blankets and position lights away from homes
- Dedicated hotline for construction complaints



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#### **Cal** Mod

#### San Francisco Tunnel Work

- Within the four San Francisco Tunnels:
  - Overhead Contact System Installation
  - Grouting and Notching
  - Drainage and Track Work





### **Cal** Mod

#### SF Weekend Caltrain Closures

- Weekends Oct 6, 2018 to Spring 2019
  - Caltrain service north of the Bayshore Station will be suspended on the weekends
  - Bus service will be provided from Bayshore to 4<sup>th</sup> and King and 22<sup>nd</sup> Street stations
- Weekday service will remain unchanged
- Caltrain service south of Bayshore will remain unchanged
- Schedule at caltrain.com/SFWeekendClosure





#### **Public Outreach**

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





