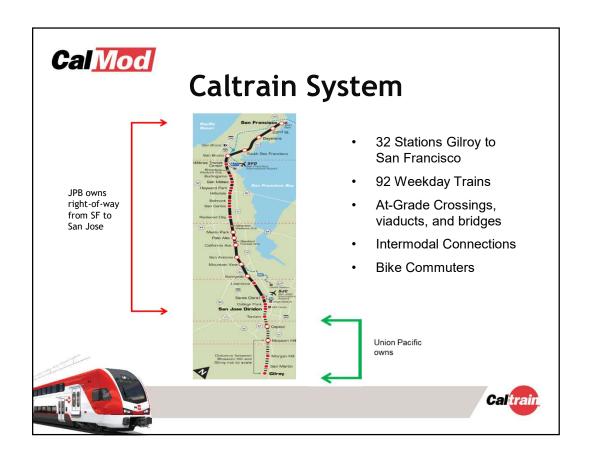


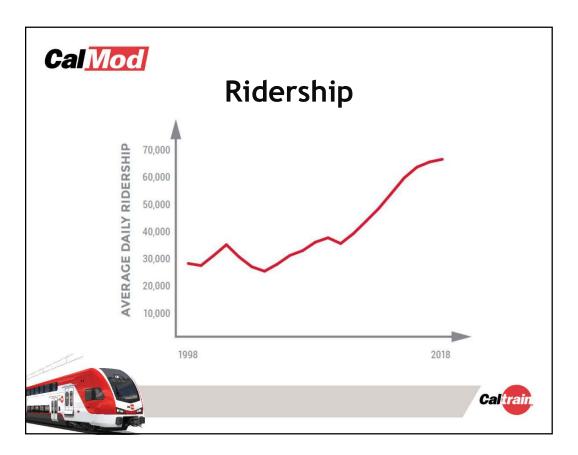
Agenda

- Project Overview Recap
- Project Update
- Electrification Infrastructure
 - San Carlos Activities
- Questions

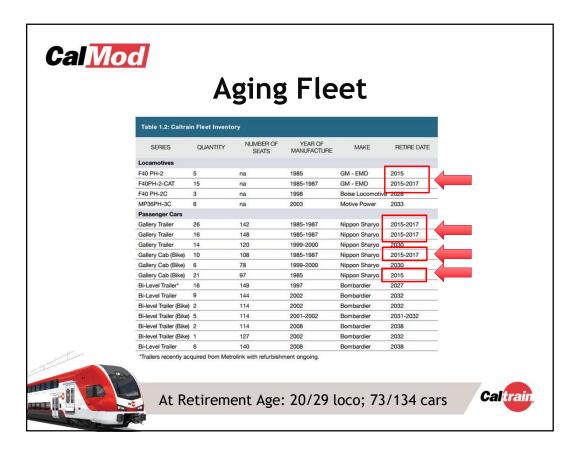


Caltrain









Regional Transportation Needs

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





















Cal Mod

Area 51 miles San Francisco to San Jose (Tamien Station)	Project Electrification: Overhead Contact System (OCS) Traction Power Facilities Electric Trains 75 percent of fleet	Service 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
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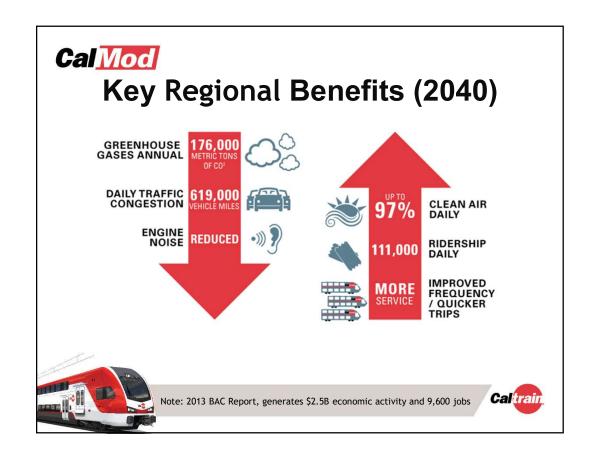
Service Benefits

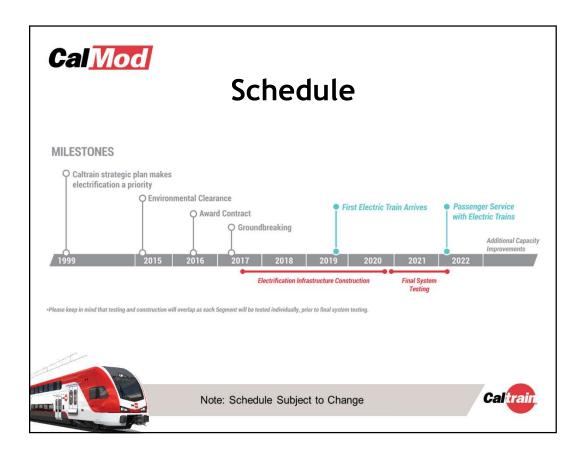
Metric	Today	PCEP			
Example Baby Bullet Train					
Retain 5-6 stops	60 minutes	45 minutes			
Retain SF to SJ 60 minutes	6 stops	13 stops			
Example Redwood City Station					
Train stops / peak hour	3	5			

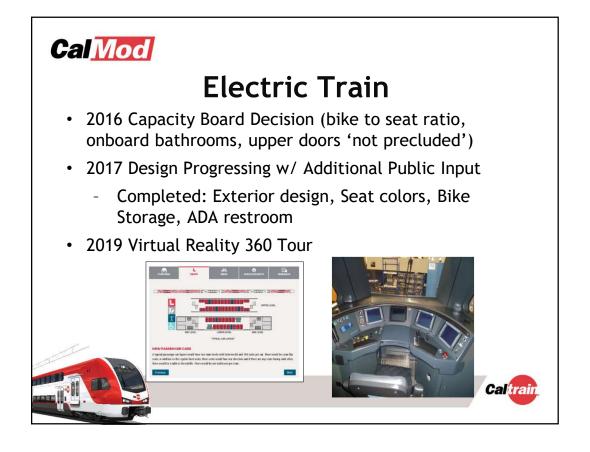


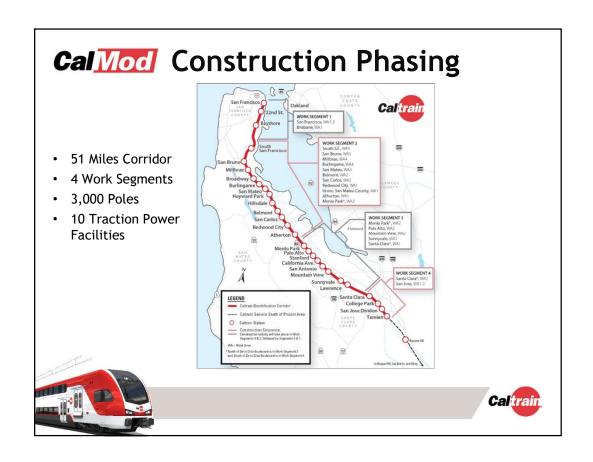
Note: Prototypical Train and Schedule















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







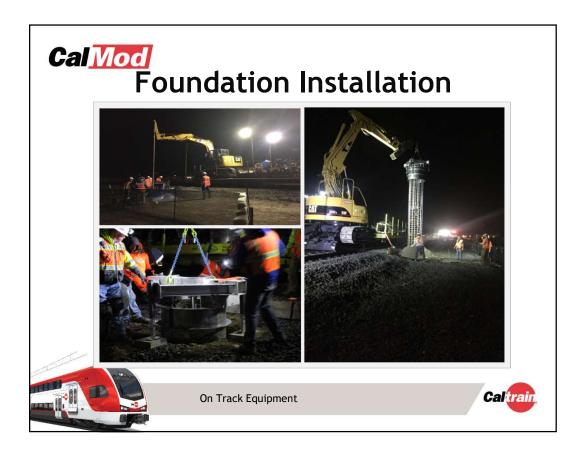
Future Construction Activities

Date	Work Activity	Expected Duration*
In Progress	Potholing	2-3 months
In Progress	Foundation Construction	3-4 months
Late 2018	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.



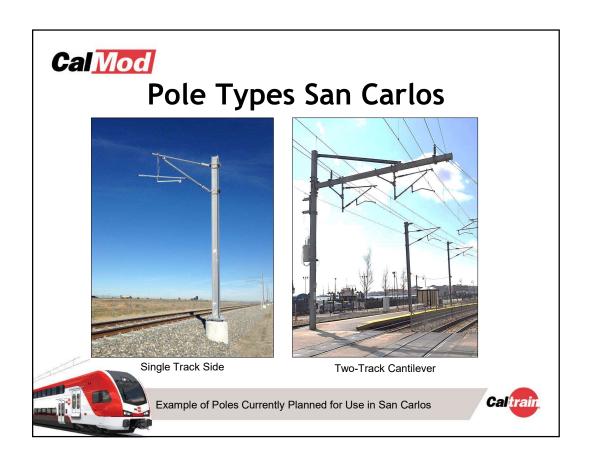


Pole Information

- 3,000 Installed throughout Corridor
 - 130 poles in San Carlos
- Pole Height: 30-50'
- Pole Spacing: ~180' apart











Stringing Wire







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



Cal Mod

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



Caltrain

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 4th and King and 22nd 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





