

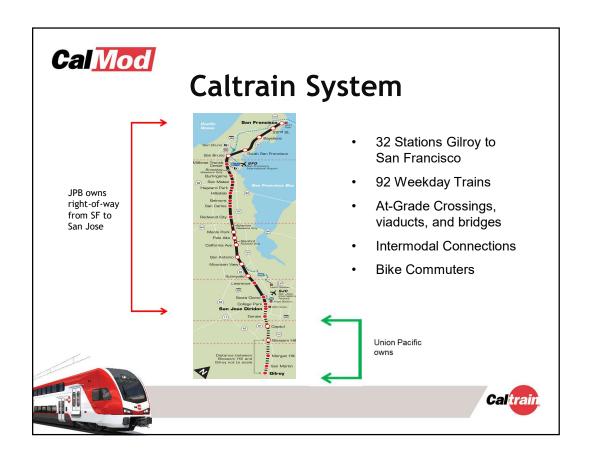


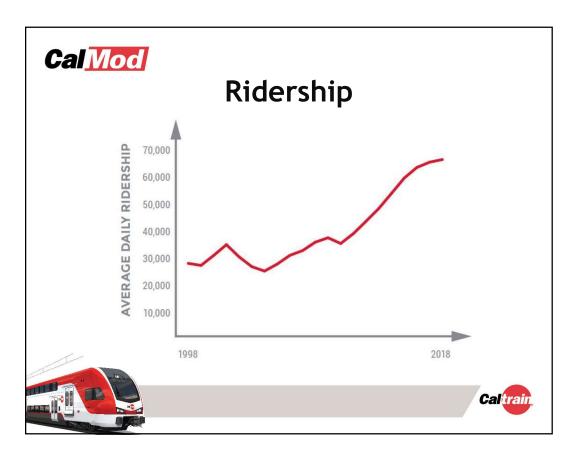
Agenda

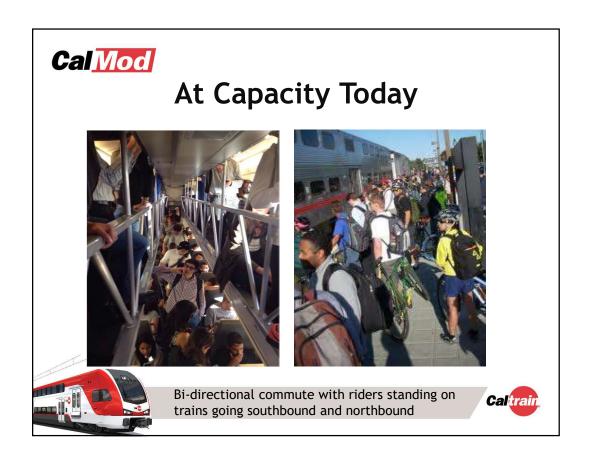
- Caltrain System Overview
- Project Overview
- Electric Train Design
- Sunnyvale Construction Activities
- Questions

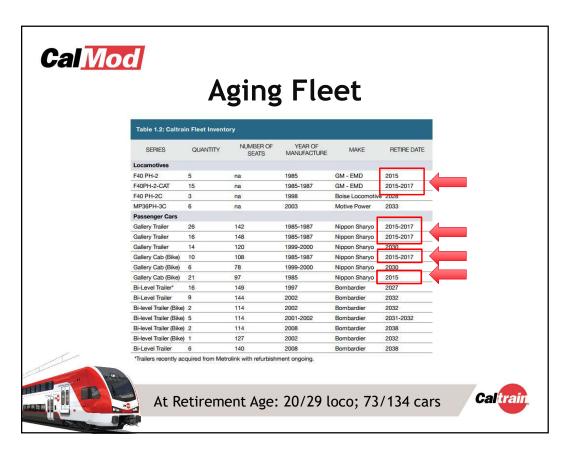


Caltrain











Regional Transportation Needs

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























Project Description

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on stops / reduced travel
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service (interim period)
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tal Corridor, Amtrak,



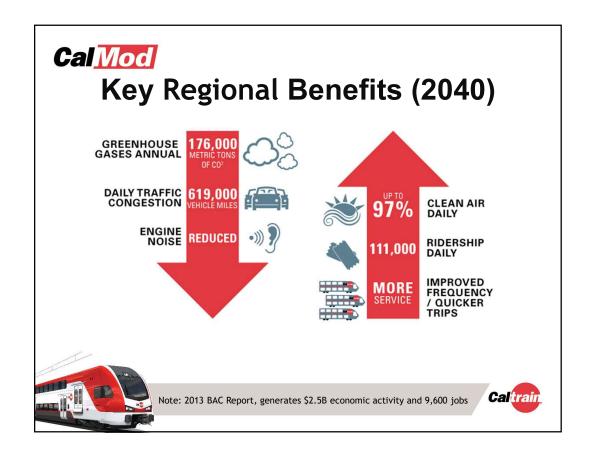
Service Benefits

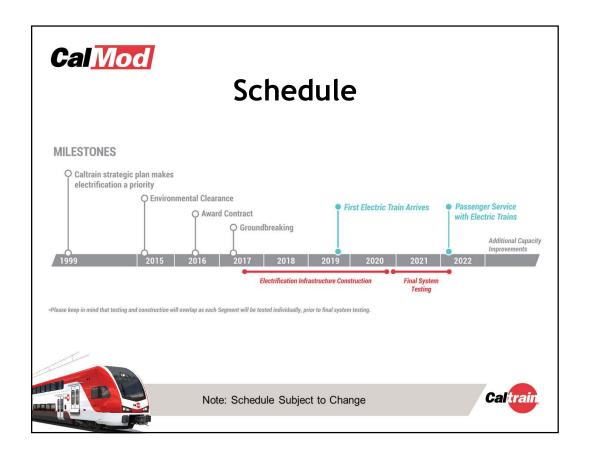
Metric	Today	PCEP				
Example Baby Bullet Train						
Retain 5-6 stops	60 minutes	45 minutes				
Retain SF to SJ 60 minutes	6 stops	13 stops				
Example Redwood City Station						
Train stops / peak hour	3	5				

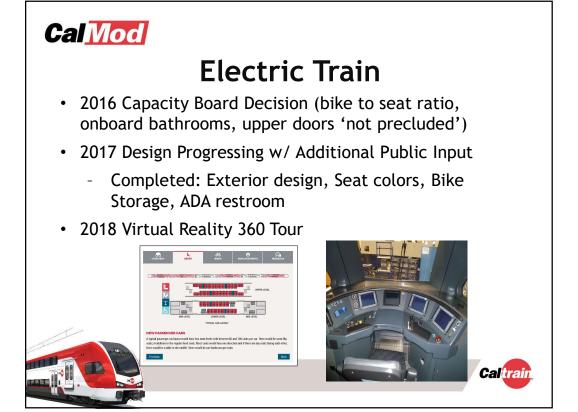


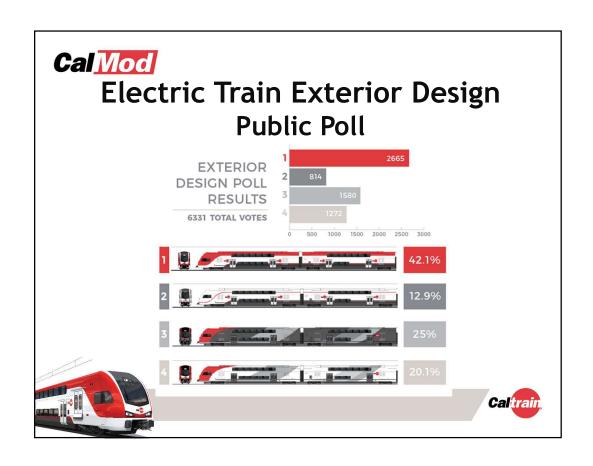
Note: Prototypical Train and Schedule







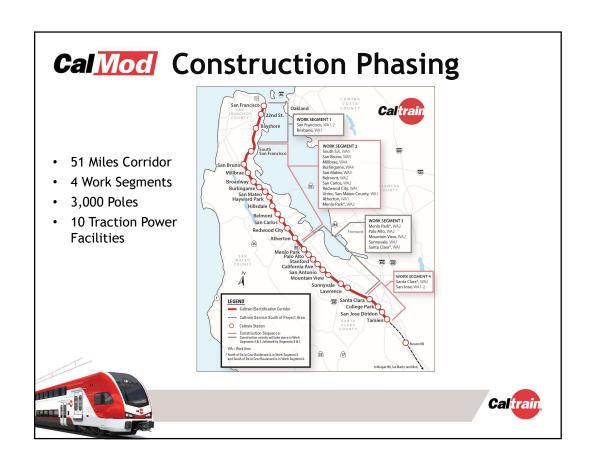


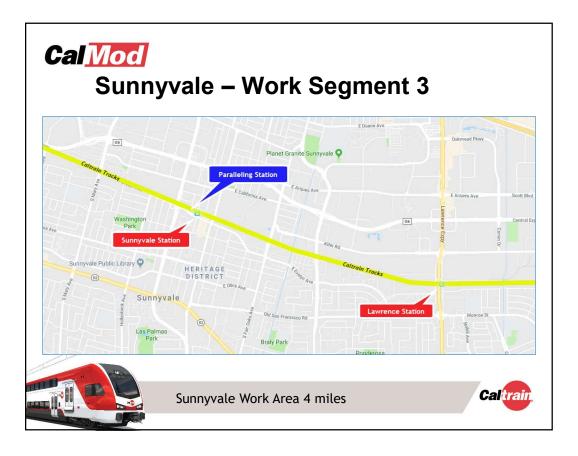


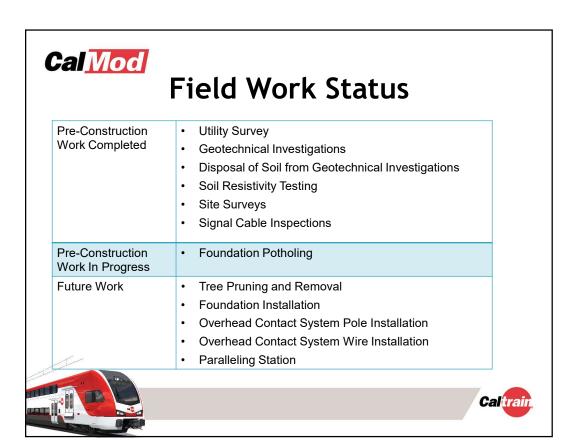














Future Construction Activities

Sunnyvale

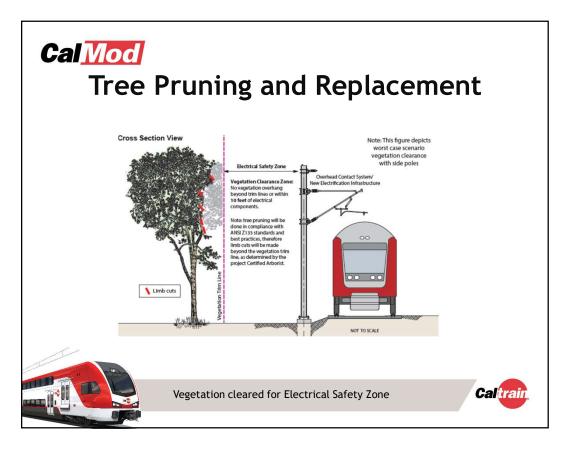
Date	Work Activity	Expected Duration*
Summer/Fall 2018	Potholing	2-3 months
Fall 2018	Tree Pruning/Removal	2-3 months
Spring 2019	Foundation Installation	2-4 months
Summer/Fall 2019	Pole/Wire Installation	4-5 months
Summer/Fall 2019	Paralleling Station Construction	4-6 months



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

Cal train







City of Sunnyvale: Tree Pruning and Replacement Plan

City of Sunnyvale						
	Caltrain Right of Way	Public Property	Private Property			
Trees Removed	85	1	45			
Trees Pruned >25%	133	2	38			
Trees Pruned <25%	148	5	101			

304 Trees will be replaced per the Sunnyvale Tree Replacement Plan



Note: Information may change as the design progresses





Foundation Construction

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



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Pole Installation

- 3,000 Installed throughout Corridor
 - Approx. 250 Poles in Sunnyvale
- Pole Height: 30-45.5'
- Pole Spacing: ~180' apart



Caltrain







Traction Power Facilities

- 10 Traction Power Facilities Installed throughout Corridor
 - 1 Paralleling Station installed in Sunnyvale
 - Gantry structures up to 50'
- Provides electrical power to trains through the Overhead Contact System
- · Unmanned station
- · Day and weekend construction work
- Limited night work during construction







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



Cal train

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San Francisco Tunnel Work

- Within the four San Francisco Tunnels:
 - Overhead Contact System Installation
 - Grouting and Notching
 - Drainage and Track Work
- Pre-construction: September 2019





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
- Bus schedule will be available in September





Public Outreach

- Subscribe to Weekly Updates
 - Visit www.calmod.org/get-involved
- Additional Community Meetings
 - Pole and Wire Installation
 - Paralleling Station Construction
- Social Media
- Construction Outreach Office





