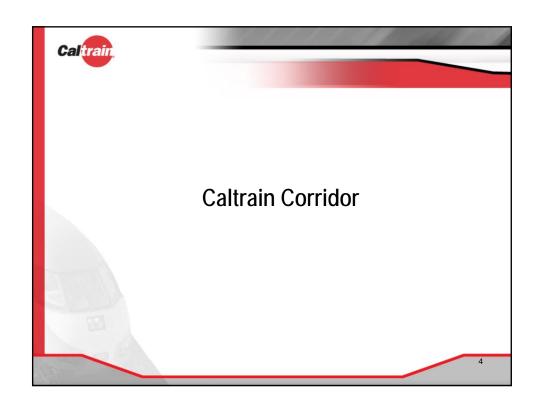
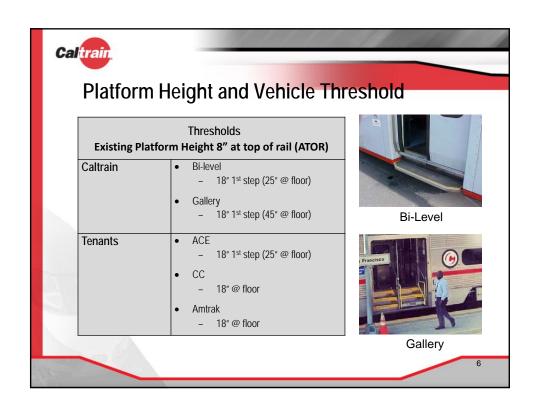


Level Boarding Important to Caltrain Safety enhancements Operating efficiencies Passenger convenience ADA compliant



Stations / Platforms • 33 stations (SF to Gilroy) • Shared stations / platforms • Caltrain and tenants - Altamont Corridor Express (ACE) - Capitol Corridor (CC) - Amtrak - Freight

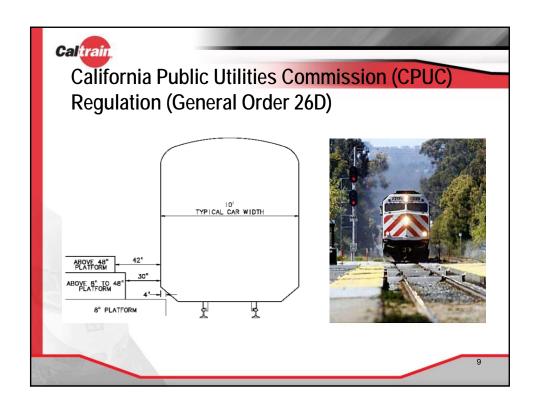




Cal train

California Public Utilities Commission Regulation (General Order 26D)

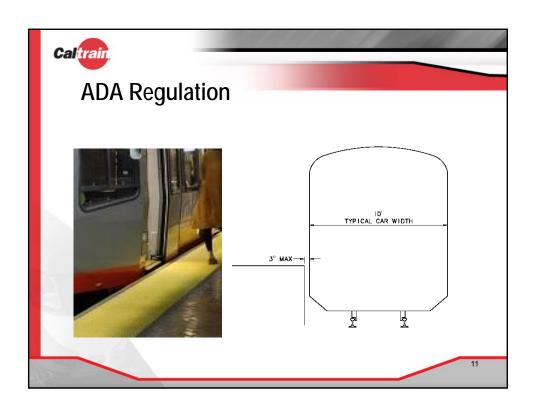
- Tends to push platform and vehicle apart
- Protect freight and passenger operations
- Creates clearance envelope
- Govern train/platform interface



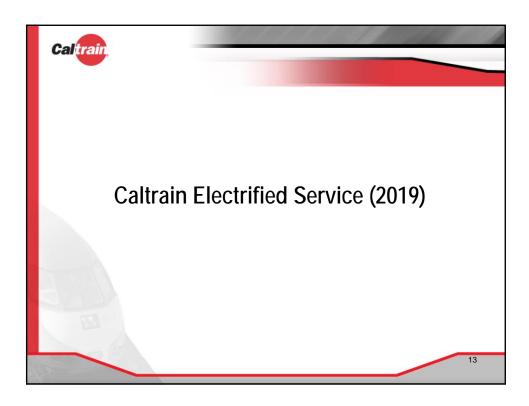


Federal Americans with Disabilities Act (ADA)

- Tends to bring platform and vehicle together
- Provide level boarding where practicable
- Waivers when shared with freight
- Station improvements can trigger level boarding requirement







Caltrain

Electrified Service Context

- Maximize capacity and support growing ridership
- Utilize existing stations and tracks
- Continue ADA and CPUC compliance
- Service
 - Electric service from SF to SJ
 - Continued diesel for Gilroy service
- Vehicles
 - Convert from diesel to EMU fleet
 - Utilize remaining life of diesel fleet

Caltrain

Electrified Service Context, cont.

- Continued tenant access
 - ACE, CC, Amtrak
 - Freight
- Support future HSR service
- Consider other planned services
 - Coast Daylight
 - Dumbarton

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Caltrain

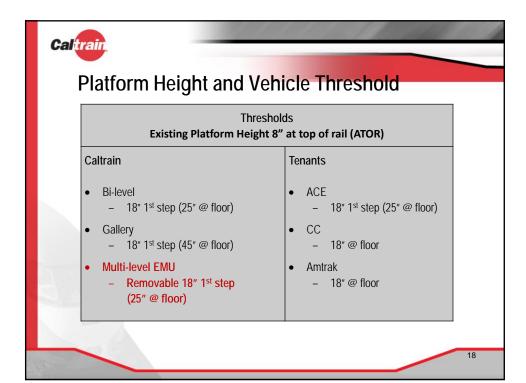
EMU Design Considerations

- Service proven
- Existing design / safety standard approved
- Compatible with existing fleet
- Maximize capacity
- Maintain/Improve current customer experience
- Future station platform implications
 - Caltrain level boarding
 - Shared platforms with tenants

Caltrain.

Service Proven EMU Options

- Single Level EMU
 - Floor threshold 46" to 51" ATOR
 - Capacity 80 100 passengers per car (less than today)
- Multi-Level EMU
 - Floor threshold ~25" ATOR
 - Capacity 110 130 passengers per car (similar to today's)





Caltrain,

Caltrain Level Boarding Approach

- Identify cost / funding
- 25" platforms at 27 Caltrain stations (SF to SJ)
- SJ to Gilroy TBD
- Dedicated tenant platforms
- Phasing consideration
- CPUC waiver for regulation compliance

