

CalMod



Local Policy Makers Group

September 28, 2017

CalMod



Electric Train Design & Public Input

Peninsula Corridor Electrification Project



Electric Train Outreach: Phased

- 2016 Capacity Board Decision (bike to seat ratio, onboard bathrooms, upper doors)
- ➔ • 2017 Design Progressing, Additional Public Input (bike storage, seat colors, signage content, etc.)
- 2018 Virtual Reality 360 Tour



EMU Onboard Bike Storage Outreach

- Flyers for bike car and events
- Earned Media (e.g. SF Examiner, Channel 7, SV Biz Journal, StreetsBlog)
- Public Poll and Station/Event Outreach: August 8 to September 1
- Social Media
 - Twitter: 273,282 impressions / 4,830 engagements
 - FB: 34,430 reached / 2,942 Clicks / 1,956 video views



EMU Onboard Bike Storage



Folding Bikes

- Seats cantilevered
- Can fit certain models (e.g. Brompton 23" x 22.2" x 10.6") under seats



Congruent Bike Effort Bike Parking Management Plan

- Identify the mobility needs of bicyclists using the Caltrain system.
- Define customer service and financial performance measures and goals for Caltrain's bike parking system.
- Support capital planning activities related to current, planned, and contemplated bike parking facilities.
- Analyze different management strategies and administrative options to improve the performance of Caltrain's bike parking system.
- Recommend a set of management and administrative reforms and implementation strategies to optimize the performance of Caltrain's bike parking system



EMU ADA Restroom Outreach

- Caltrain Accessibility Advisory Committee (CAAC) toured EMU Restroom Mock-up, feedback gathered: April 2017
- Feedback incorporated into design: Summer 2017
- Additional input, CAAC Meeting: September 2017
- Final design refinement: Fall 2017





Restroom Feedback Incorporated

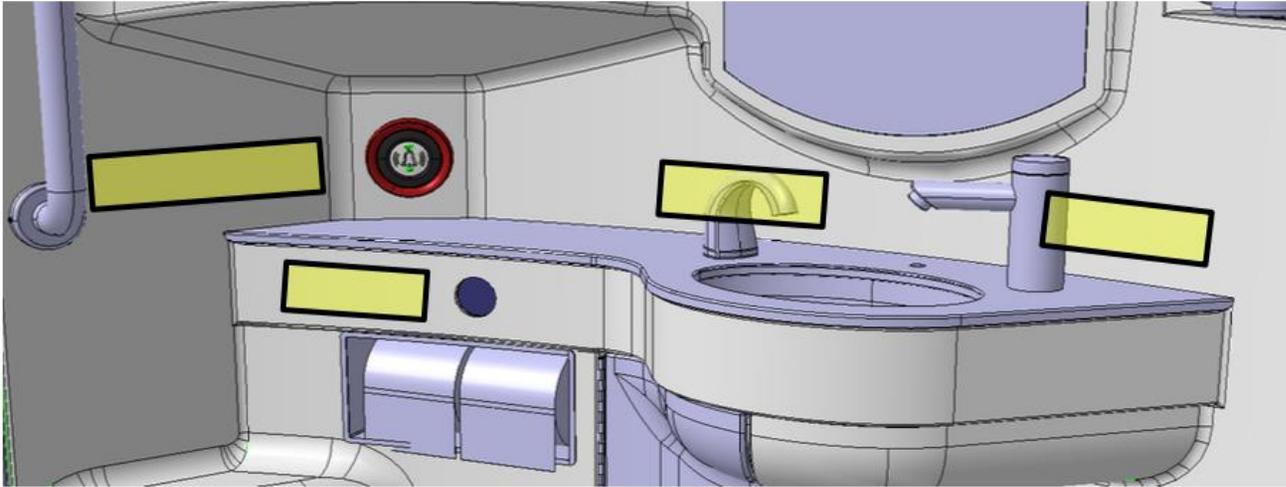
Labeling will include:

- Raised lettering in red text
- English with Braille translation
- Glow in the dark material



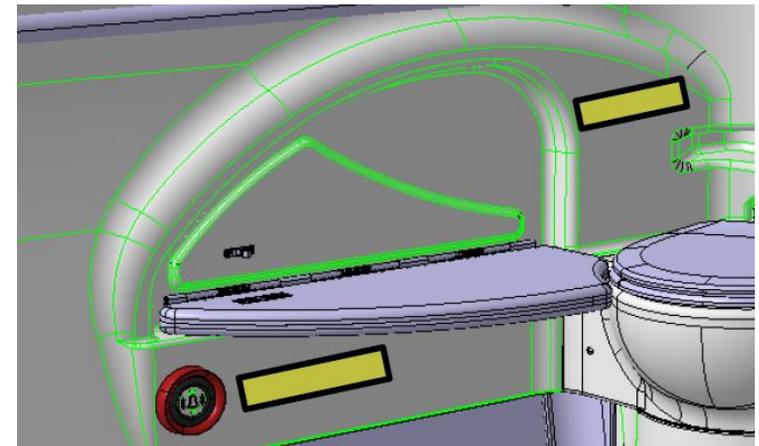


Restroom Feedback Incorporated



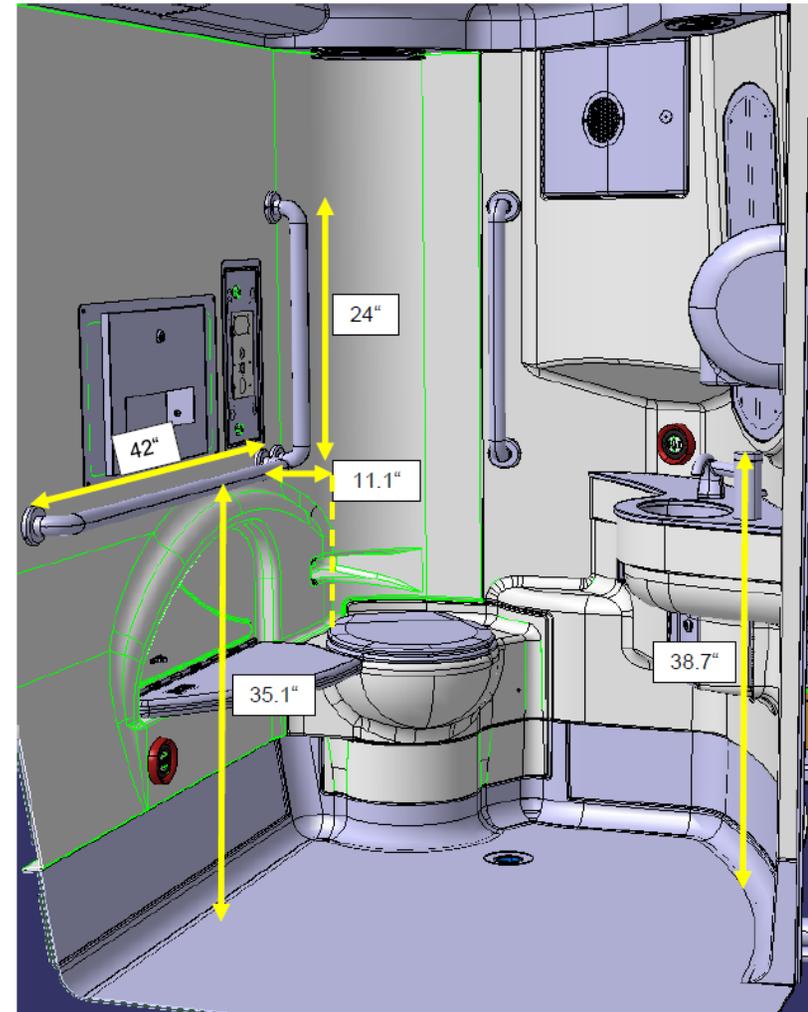
Labels indicating

- Transfer bench
- Soap versus water
- Emergency buttons

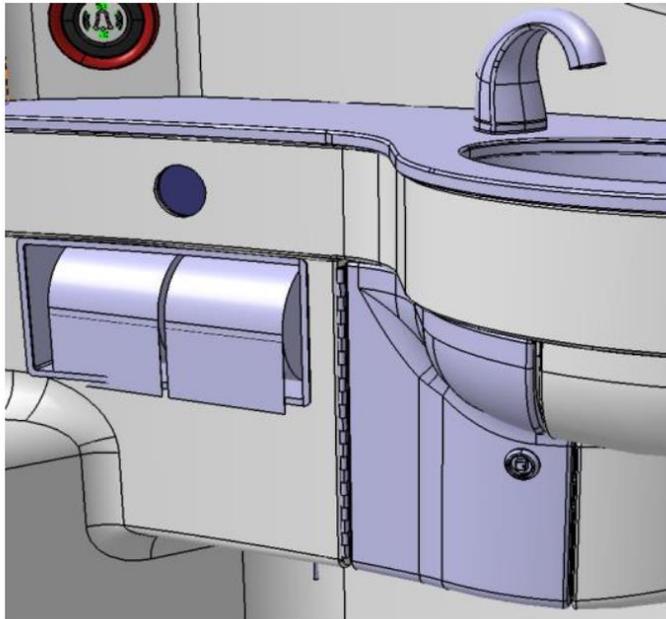


Restroom Feedback Incorporated

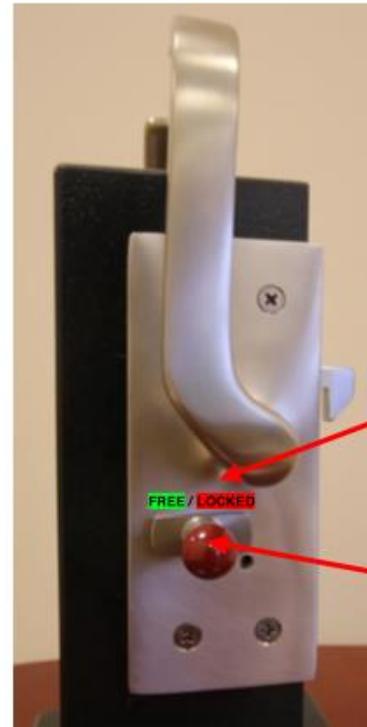
- Horizontal Grab Bar: increased space from toilet
- Vertical Grab Bars on either side of the toilet
- Shelf for leverage next to toilet



Restroom Feedback Incorporated



Lockable toilet paper dispenser flush with cabinet, no hard corners or edges



Occupied/
Vacant
Indicator

Lever

Interior door lock operated by a lever, rather than a button



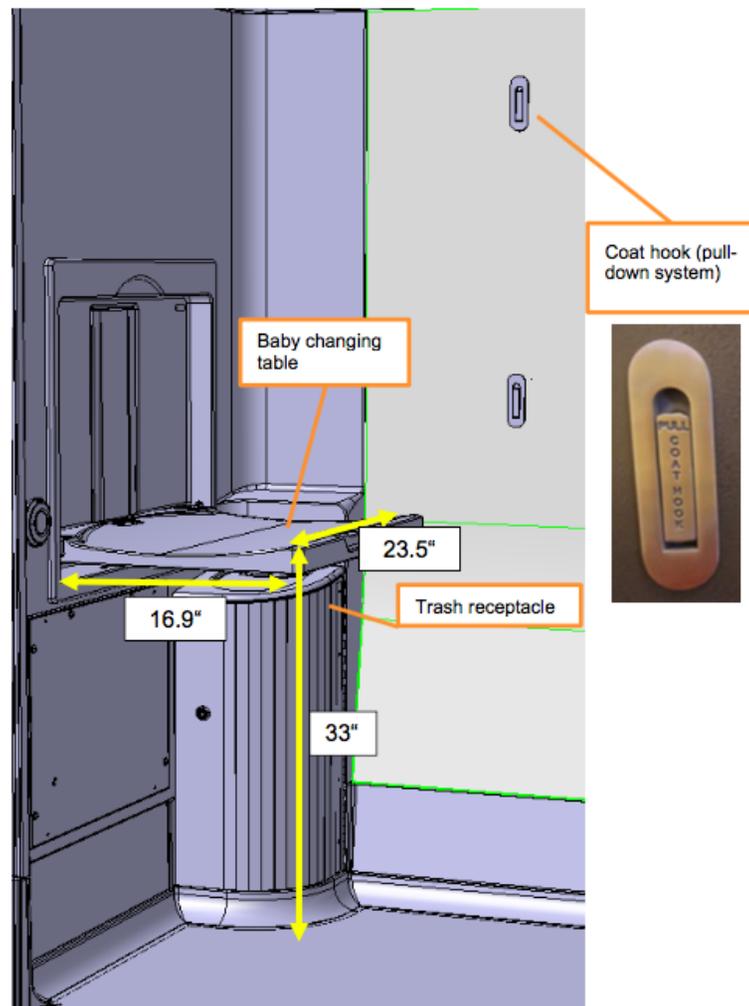
Restroom Feedback Incorporated

Coat/Bag Hooks

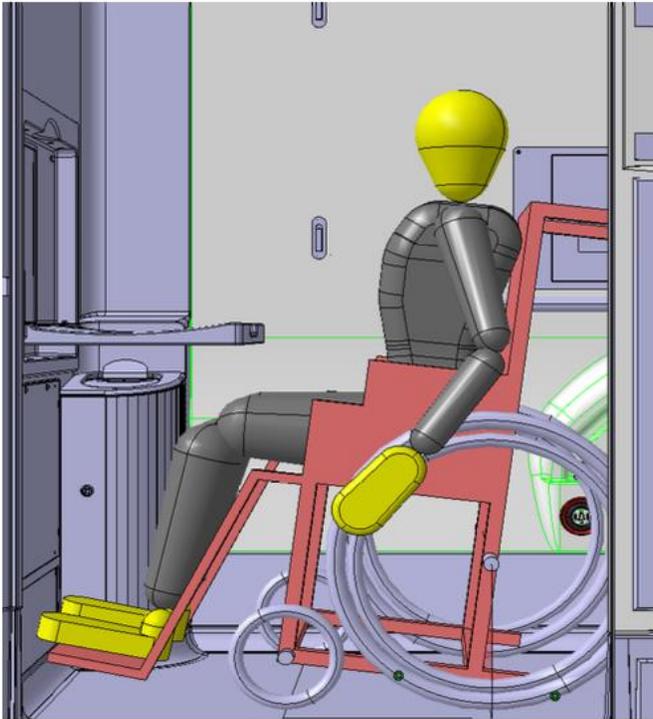
- Flush to wall
- Pull down feature
- Better depth

ADA compliant baby changing table

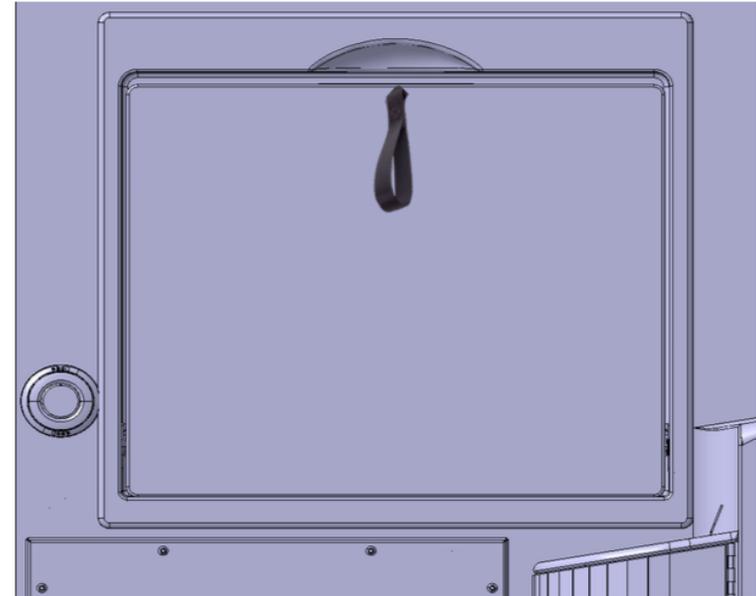
- Height less than 34"
- Industry proven design



Restroom Feedback Incorporated



Wheelchair access to baby changing table

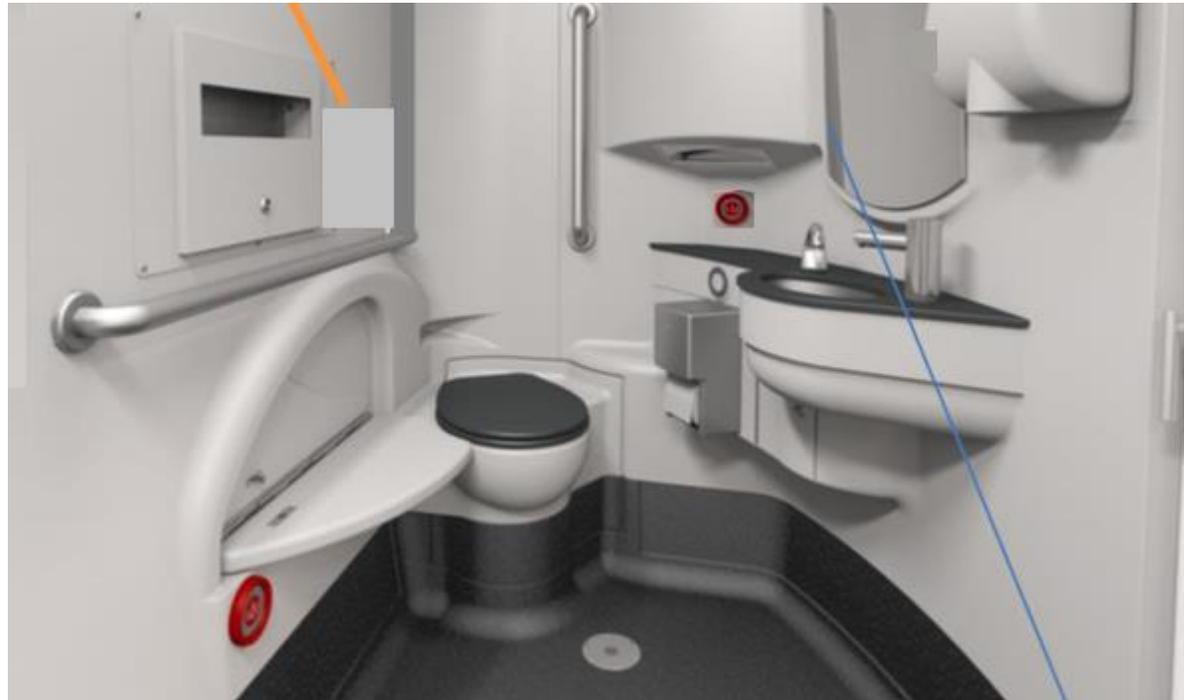


Black strap installed to allow for easier access to baby changing table



Restroom Feedback Incorporated

- Two emergency buttons
- Easily accessible from the toilet or floor



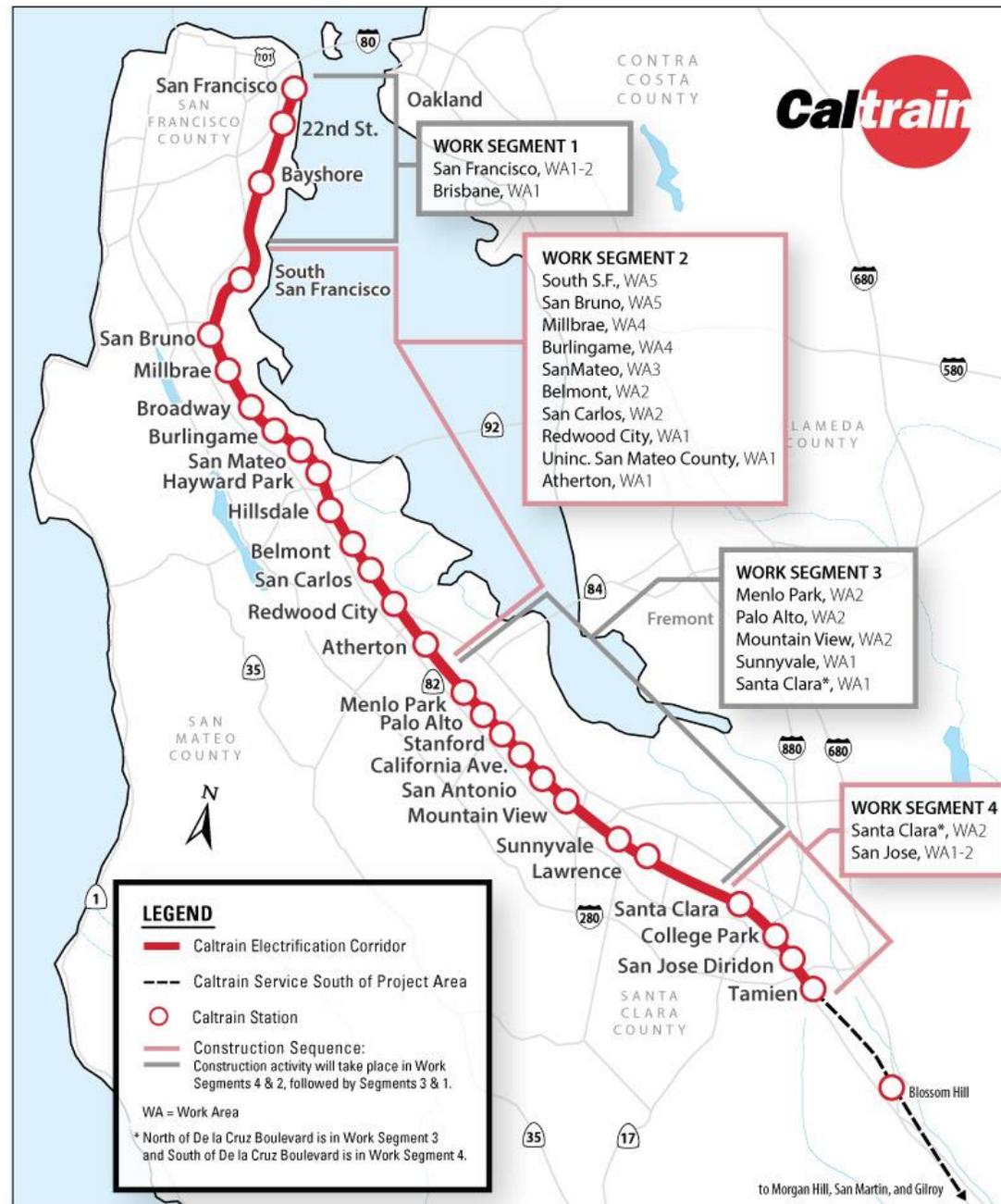
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Construction Update

Peninsula Corridor Electrification Project





Electrification - Infrastructure

Design Build Contract	<ul style="list-style-type: none">• Advanced Issued for Construction (IFC) Overhead Contact System (OCS) layout design in Segment 2 work areas 5 and 4• Continued advancement of OCS layout in rest of Segment 2• Design review coordination with local jurisdictions• 65% location-specific and typical signal design• Advanced typical 95% communication system and traction power system designs
Tunnel Modifications	<ul style="list-style-type: none">• 100% Plans and Specifications submitted for Engineer review• 100% Plans and Specifications submitted to UPRR for review
Centralized Equipment Maintenance and Operations Facility (CEMOF)	<ul style="list-style-type: none">• Build out concepts being evaluated



Field Work Status

Work Completed to Date	<ul style="list-style-type: none">• Utility Survey• Geotechnical Investigations• Soil Resistivity Testing• Site Surveys• Disposal of Soil from Geotechnical Investigations• Signal Cable Inspections
Work In Progress and Upcoming	<ul style="list-style-type: none">• OCS Foundation Potholing• Signal Cable Potholing• Tree Pruning and Removal• OCS test piles• Stray current testing• Set up and preparation of staging areas• OCS Foundation Construction
Future Work	<ul style="list-style-type: none">• Overhead Utility Relocation• OCS Pole Installation• OCS Wire Installation• TPS site work



Foundation Work

- Excavation
- Rebar and Anchor Installation
- Electrical Grounding
- Concrete Fill
- Foundation work within the South San Francisco Station area will be completed by SSF Station Improvement Project
- Foundation work within 25th Ave. Grade Separation will be completed by the 25th Ave. Grade Sep project
- Foundations for San Bruno Station area were installed as part of the San Bruno Grade Separation



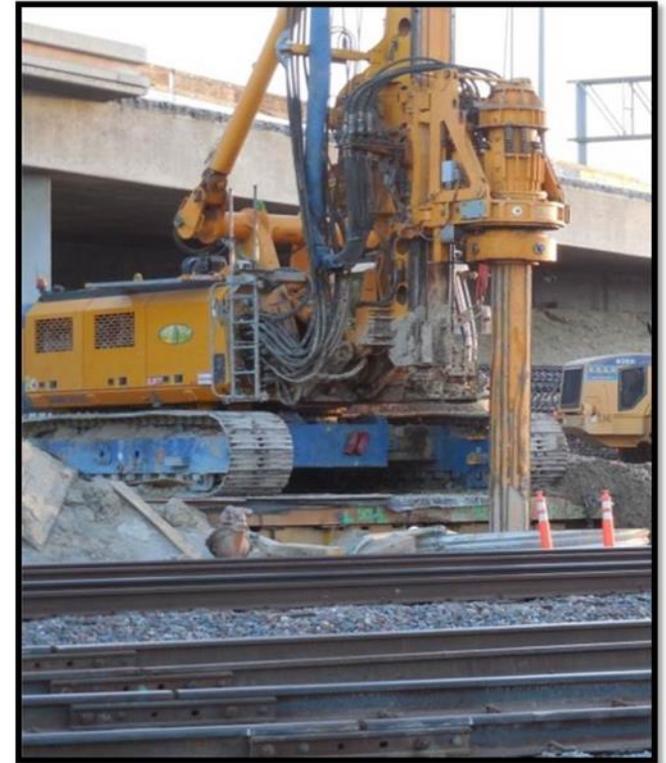
Pole Foundation Work

Will take place on and off track



Above: DrillTech on track foundation train

Right: Drilltech off-track OCS Drill Rig



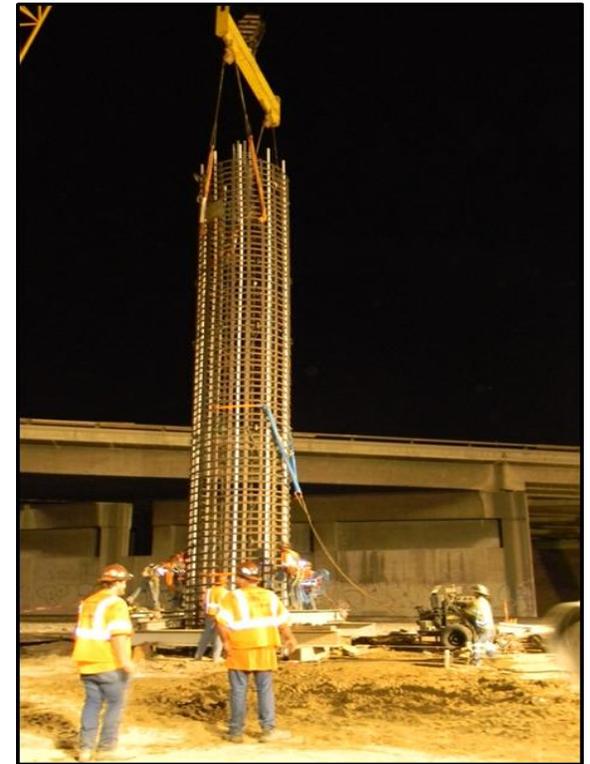
Pole Installation



On/off-track crane for installation



*Wide flange & square poles**



Foundation Rebar Cage



OCS Wire Installation

Will take place on-track



Construction Impacts

- Daytime work and night work from 8 p.m.- 6 a.m.
- Some 24 hour weekend work
- Crews will utilize acoustical barrier blankets and position lights away from homes
- Dedicated hotline for construction complaints





Ongoing Public Outreach

- Weekly Updates
 - Visit caltrain.com/pcepconstruction
- Pre-Construction Community Meetings
 - Past: San Mateo - September 13
 - Upcoming: San Carlos and Belmont - October 11
- Construction Outreach Office, M-F, 9:00 am to 6:00 pm



Construction Contact Information

Email: calmod@caltrain.com

Phone: 650.399.9659

Toll Free: 800.660.4287

2121 S. El Camino Real, Suite A-100

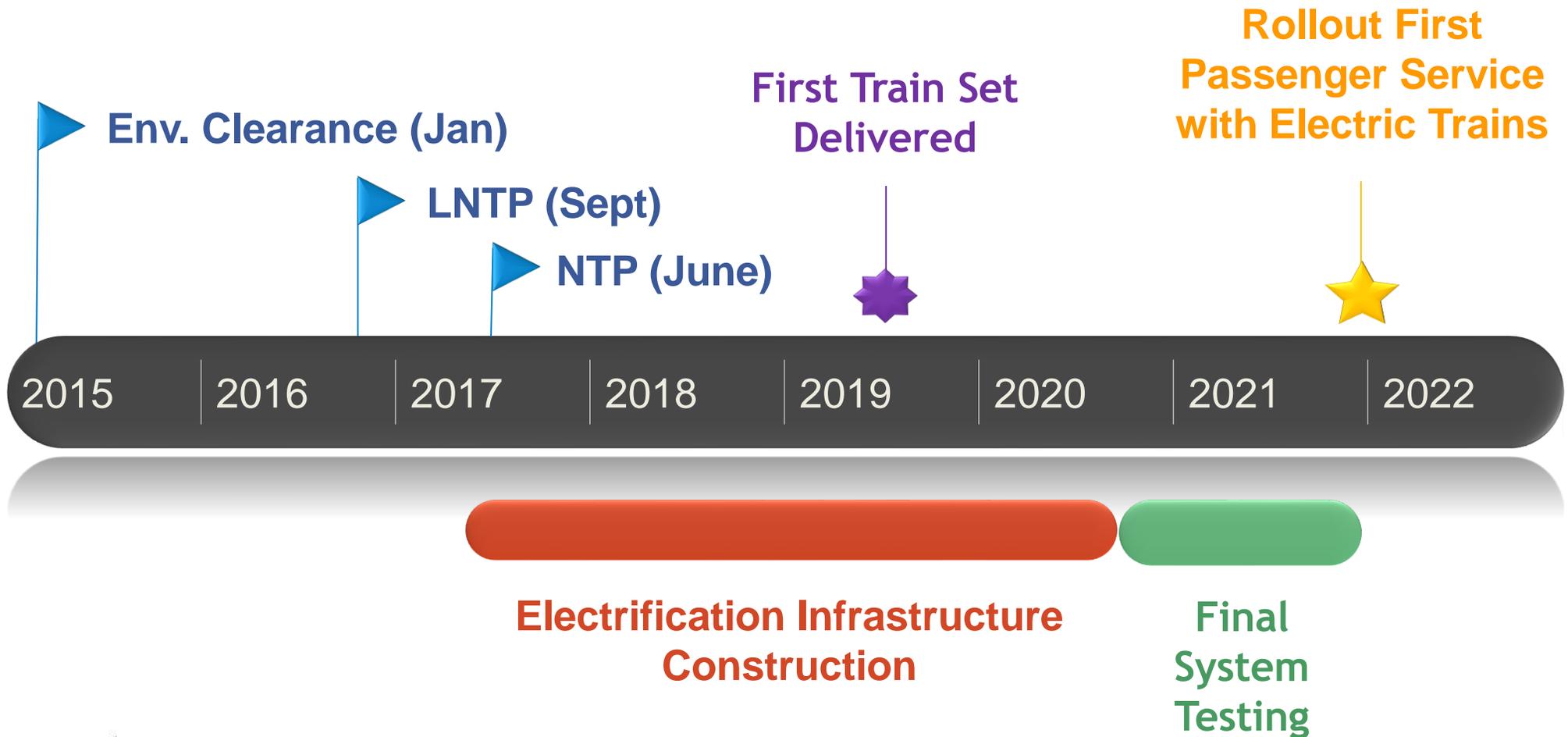
San Mateo, CA 94403

9 a.m. - 6 p.m. Monday-Friday

www.caltrain.com/pcepconstruction



Schedule



Note: **Schedule Subject to Change**



Discussion

