



Mobility Management: Caltrain

Community Relations Committee
San Mateo
October 4, 2017
Agenda Item 7

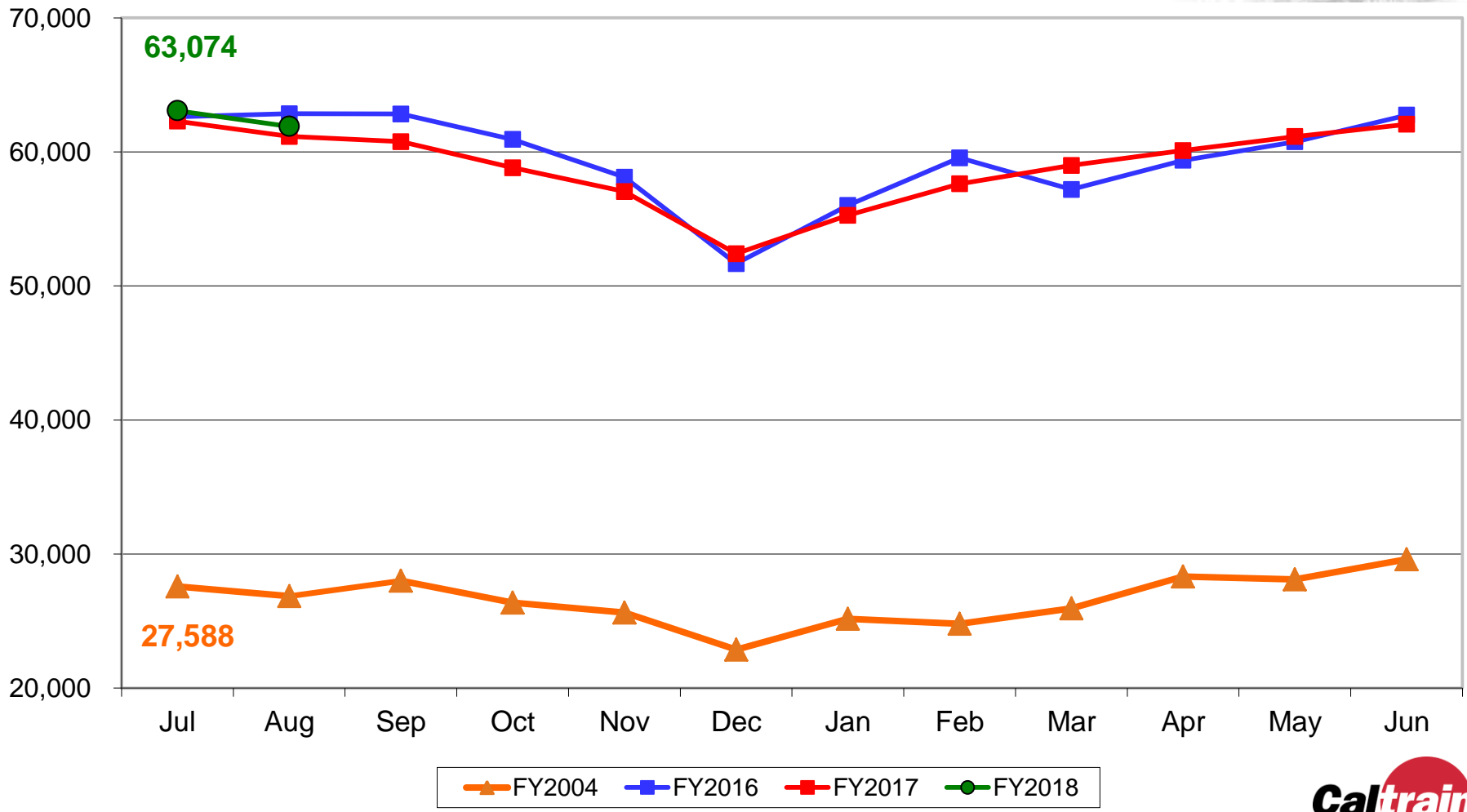
Presentation Outline

samTrans

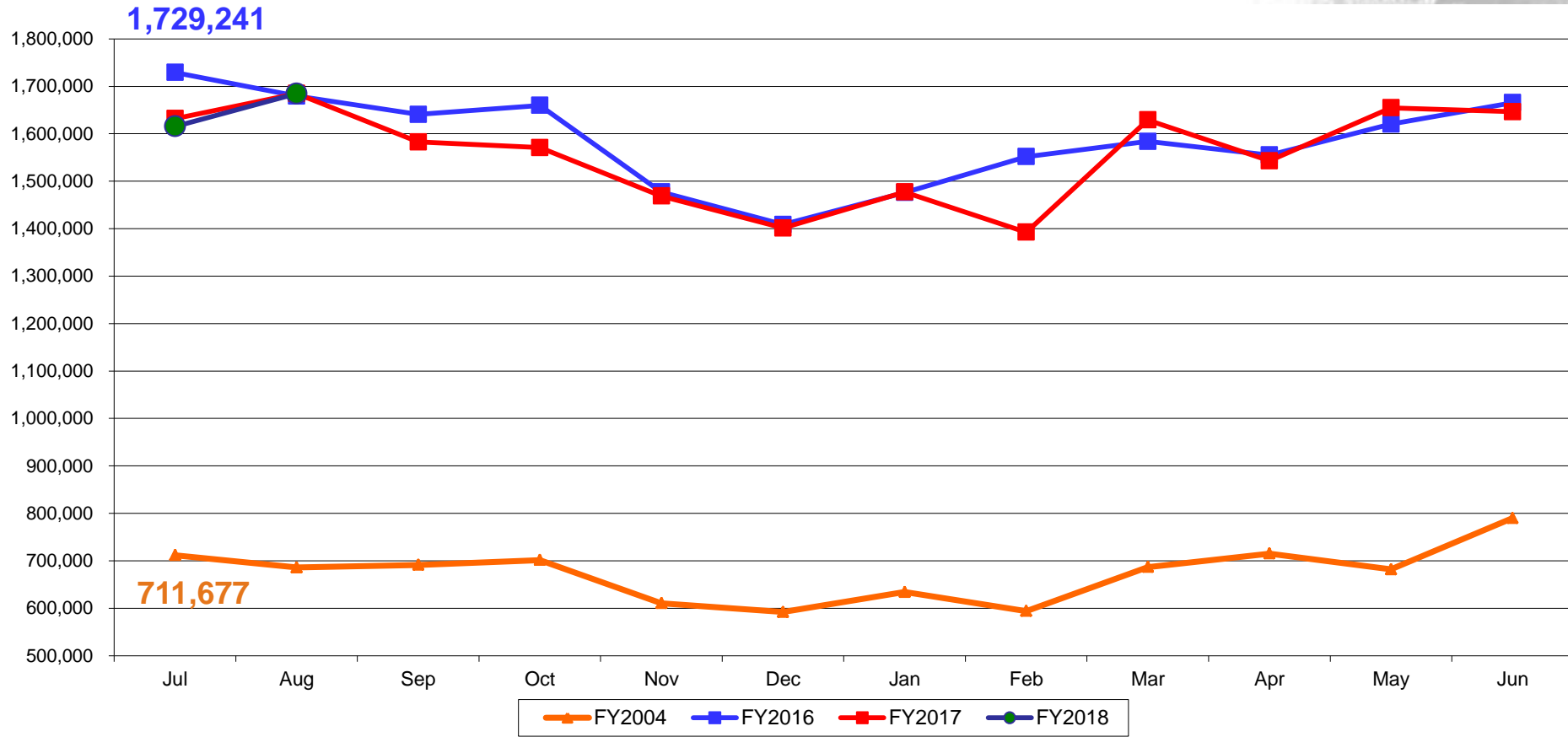
- Operating Statistics
 - Ridership
 - On-time Performance
 - Fleet Reliability
- Capital Program Review
- FY 2018 Capital Program
- CBOSS PTC Project
- PCEP – Peninsula Corridor Electrification Project
- Summary



Average Weekday Ridership



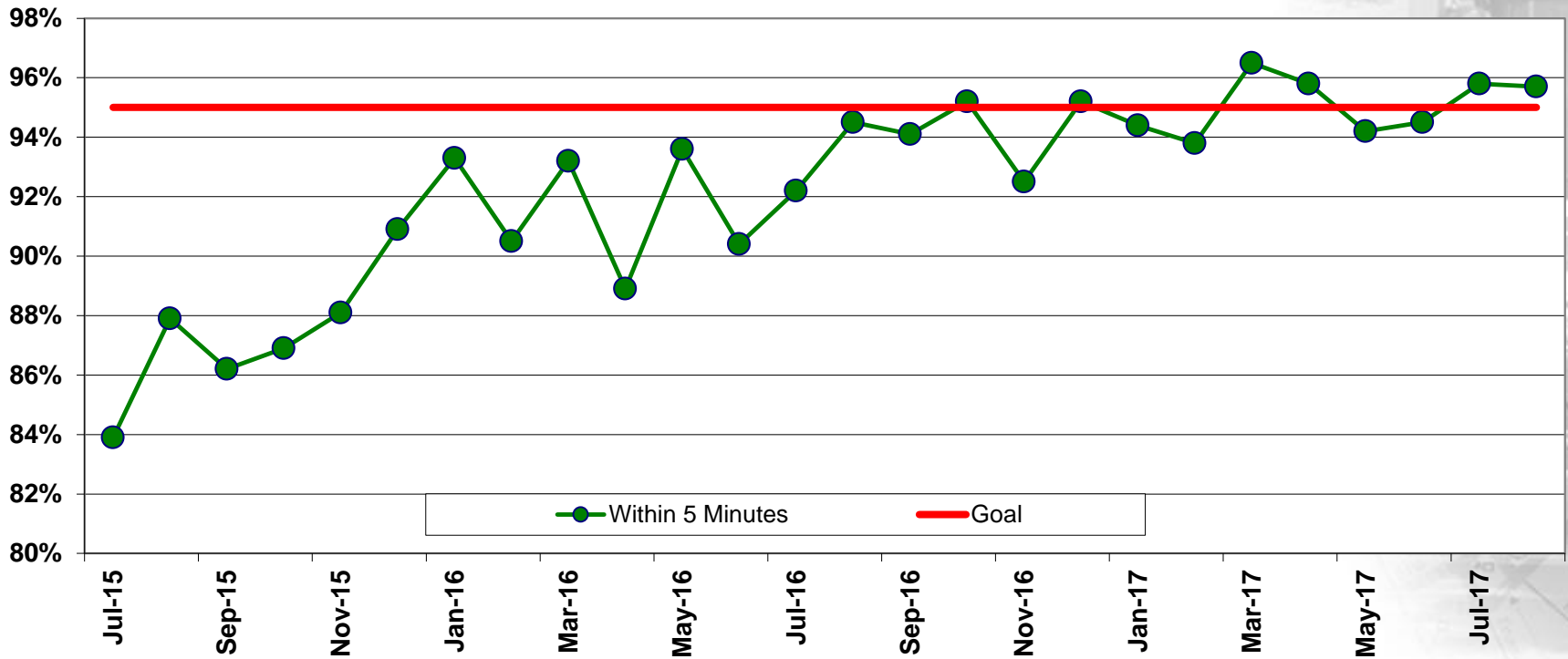
Monthly Ridership



On-time Performance



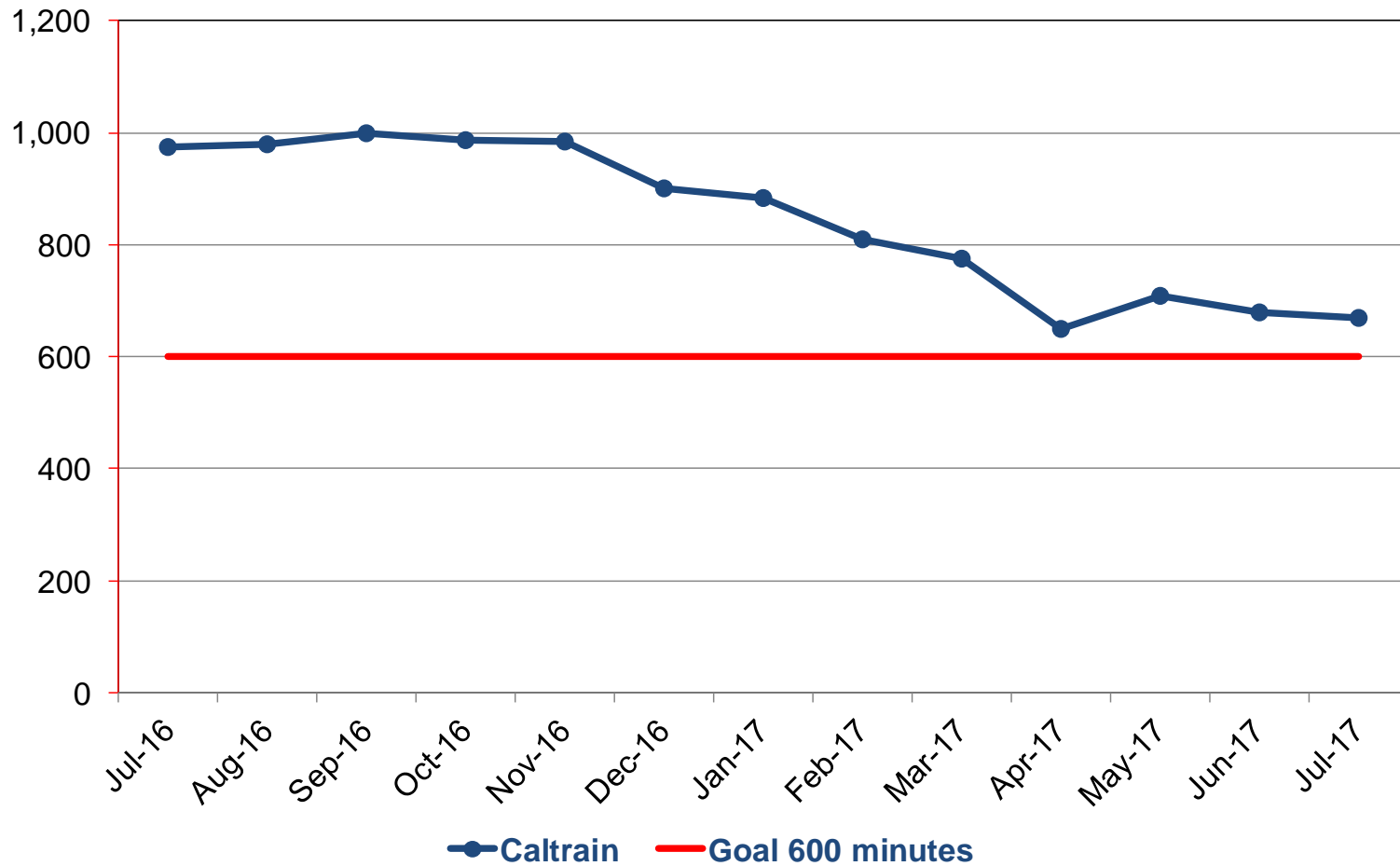
Percent of Trains On-time



Fleet Reliability - Rail



Mechanical Minutes of Delay
12-month rolling average



Capital Program Review

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- San Francisco Crew Facility Rehabilitation
- San Francisco Roadway Bridges
 - 22nd Street
 - 23rd Street
 - Paul Avenue
- Quint Street Bridge Replacement
- San Mateo Bridges Replacement
 - Poplar
 - Santa Inez
 - Monte Diablo
 - Tilton
- Train Departure Monitors



FY 2018 Capital Program

samTrans

- Complete Los Gatos Creek Bridge Replacement
- Install 23,000 linear feet of welded wire fencing
- Safety improvements for 18 grade crossings, completion early 2019
 - Replace vehicle gate arms
 - Channelized pedestrian crossing with fencing & rails
 - Improve sidewalk markings
 - Install standalone pedestrian gates
- South San Francisco Station, completion mid-2019
 - New center platform
 - New pedestrian underpass at the south end of the station
 - New at-grade pedestrian crossing at the north end of the station
- 25th Avenue Grade Separation, completion early 2020
 - Two new grade separated crossings at 28th and 31st Avenues (Currently, 0.7 miles between the 25th and Hillsdale Ave grade crossings)
 - Hillsdale Station will be relocated and elevated south of 28th Avenue



Communications Based Overlay Signal System Positive Train Control (CBOSS PTC)

- Improve rail safety
- Fulfill federally mandated train control safety improvements
- Contracts terminated in February 2017, contract re-procurement proceeding
- Targeted Revenue Service December 2018

Peninsula Corridor Electrification Project (PCEP)

- Current contracts include:
 - Electrification Design/Build
 - Electric Multiple Units (EMUs)
 - Supervisory Control and Data Acquisition (SCADA) (awarded in August)
- All \$1.98B funding committed
 - \$647M FFGA executed May 23
- Groundbreaking July 21



Electrification – Design/Build Contract

- Notice to Proceed (NTP) issued June 19
- Design:
 - Overhead Contact System
 - Signal system
- Work has been divided into 4 work segments:
 - Segment 1: San Francisco to Brisbane
 - Segment 2: SSF to Atherton
 - Segment 3: Menlo Park to Santa Clara
 - Segment 4: Santa Clara to San Jose
- Construction began in August in Segment 2 with tree trimming/removals in preparation for September pole foundation installation

Electrification

- Tunnel modification design drawings at 95%
- Centralized Equipment Maintenance and Operations Facility (CEMOF) modifications under conceptual review
- Utility lines to be relocated by providers
- Right of way acquisition in Segment 2:
 - SamTrans Board adopted 10 Resolutions of Necessity (RON) in July and 1 in August
 - 8 owners have either signed or are in the process of signing
 - 3 eminent domain actions filed with possession expected in Jan.
 - Exception: Union Pacific Railroad (UPRR) requested JPB follow their utility approval process

EMUs

- NTP issued June 1
- Conceptual Design Reviews complete, Preliminary Design Reviews began in September
- Dedicated webpage www.calmodtrains.com to engage and educate riders and capture feedback
- Customer polls:
 - Exterior design (complete)
 - Seat design (complete)
 - Bike racks (recently ended – results pending)

Exterior Design Poll 6,331 votes

WINNING DESIGN: **OPTION 1**

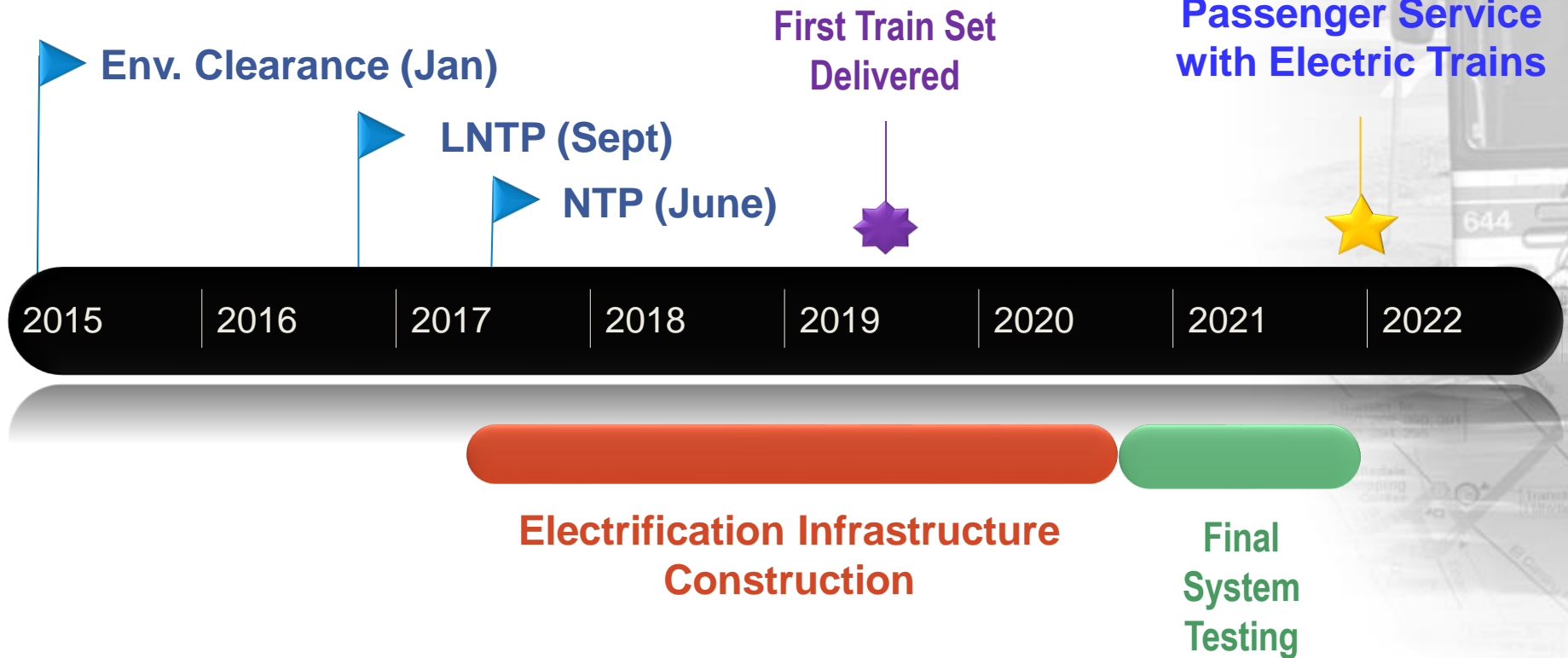


Seat Design Poll 2,549 votes



<http://www.calmodtrains.com/>

Updated Project Schedule



Note: **Schedule Subject to Change**

- Ridership remains strong
- On-time performance has improved and is very good
- Maintenance has improved significantly
- Bridge replacement projects successful
- Continuing capital safety improvements
 - Safety fencing
 - Improving crossing guards for pedestrians and cars
- PCEP
 - Groundbreaking was July 21
 - Property access is being completed
 - Electrification design is progressing
 - Rolling stock design is near completion
 - Electrification infrastructure construction is ramping up