



# Peninsula Corridor Electrification Project Quarterly Update #9

Board of Directors  
February 2, 2017  
Agenda Item 8a



# **Quarterly Progress Report**

(October 1 – December 31, 2016)

# Electrification Infrastructure

<b>Design Build Contract (Balfour Beatty)</b>	<ul style="list-style-type: none"><li>• Coordination of design work and conducting initial field investigations</li><li>• Contractor submitted Baseline schedule for review</li></ul>
<b>Tunnel Modifications</b>	<ul style="list-style-type: none"><li>• Approaching 95% design completion</li><li>• Design coordination with Union Pacific scheduled</li></ul>
<b>CEMOF</b>	<ul style="list-style-type: none"><li>• Advancement of conceptual design work and modifications</li><li>• Coordinating with Operations and EMU manufacturer</li></ul>

# Electrification Infrastructure Continued

<b>PG&amp;E</b>	<ul style="list-style-type: none"><li>• Supplemental Agreements 1, 2 &amp; 5 executed</li><li>• Load Profile and Power Quality Study complete</li></ul>
<b>Utility Relocation and Coordination</b>	<ul style="list-style-type: none"><li>• Monthly utility coordination meetings continued with communications and power carriers</li><li>• Relocation notices sent to utility owners</li></ul>
<b>DBE Participation and Labor</b>	<ul style="list-style-type: none"><li>• Design Build contract goal 5.2%</li></ul>

# Electric Trains (EMU)

<b>EMU Contract (Stadler)</b>	<ul style="list-style-type: none"><li>• Completion of Technical Compliance Matrix</li><li>• Submittals of Mobilization Plan Development, schedule, safety, and quality assurance plans</li></ul>
<b>EMU Related Activities</b>	<ul style="list-style-type: none"><li>• Continued work on system interface with the Design Builder</li><li>• Development of EMU Conceptual Design Elements</li><li>• Conducted Conceptual Design Reviews on several systems</li></ul>

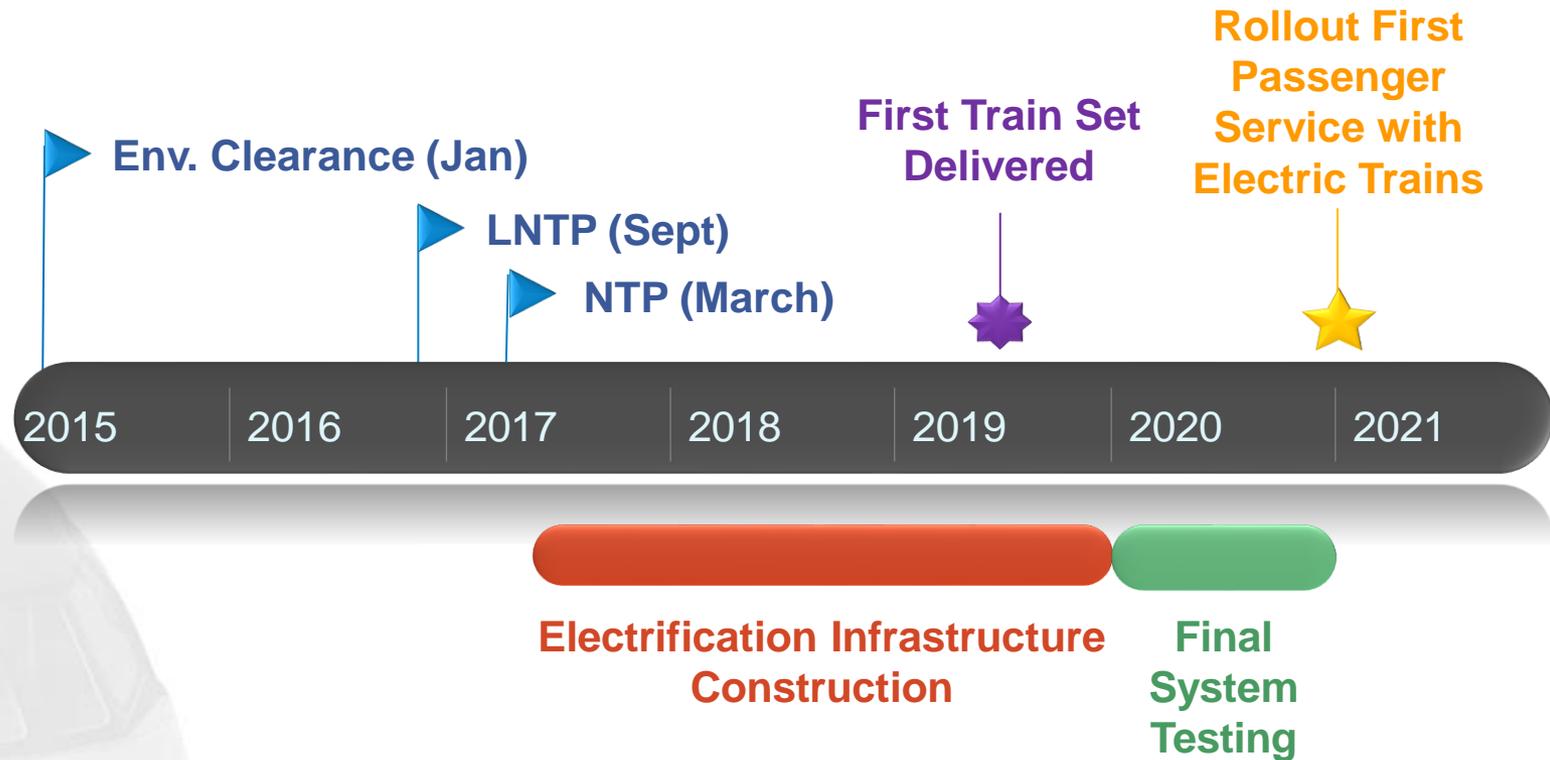
# Safety

- Caltrain Roadway Worker Protection Training Program
- Site Specific Work Plan
- Fire/Life Safety & Security Committee meetings
- Safety & Security Certification Review Committee
- Roadway Worker Protection Program

# Third Party Agreements

<b>City/County Agreements</b>	<ul style="list-style-type: none"><li>• 18 executed by City / County</li><li>• SF, Atherton, Palo Alto in-progress</li></ul>
<b>Cooperative Agreement</b>	<ul style="list-style-type: none"><li>• San Mateo and Santa Clara Counties approved</li><li>• SF in-progress</li></ul>
<b>Utilities</b>	<ul style="list-style-type: none"><li>• Electrification requirements approved by CPUC</li></ul>

# Schedule



Note: Schedule Subject to Change

# Budget & Expenditures

	Budget	Costs This Quarter	Costs to Date	Estimate at Completion
<b>Electrification</b>	\$ 697M	\$ 37.98M	\$ 55.52M	\$ 697M
<b>EMU</b>	\$ 551M	\$ ----	\$ 1.24M	\$ 551M
<b>Separate Contract &amp; Support Costs</b>	\$ 417M	\$ 8.36M	\$ 90.24M	\$ 417M
<b>Contingency</b>	\$ 315M	\$ ----	\$ ----	\$ 315M
<b>PCEP Total</b>	\$ 1,980M	\$ 46.34M	\$ 147.00M	\$ 1,980M

Note: Budget / Expenditures as of December 31, 2016

# Funding Update

- All Local, Regional, State Funding Secured
- FTA Core Capacity Grant (\$647m)
  - Submitted FY18 Presidential Budget Application
  - Federal Delegation (25 Members) Sent Letter of Support for swift FFGA execution
  - 10 Percent Additional *Capacity Contingency* Secured
  - FFGA sent to Congress for 30 day Congressional Review Period
  - Third Quarterly Meeting with FTA HQ and Region Scheduled to occur in Spring

# Risk / Quality / Environmental

<b>Risk Management</b>	<ul style="list-style-type: none"><li>• 241 Risks; 133 Retired</li><li>• Top Risk: Overhead Utility Relocation</li></ul>
<b>Quality</b>	<ul style="list-style-type: none"><li>• 1 Internal Audit Conducted</li><li>• 1 Non-Conformance Report Closed</li></ul>
<b>Environmental Consultation and Permits</b>	<ul style="list-style-type: none"><li>• All environmental permits have been obtained</li><li>• Conducted field investigation in areas that require environmental compliance monitoring.</li></ul>

# Real Estate

Segment	Appraisal Packages	Appraisals Completed	Acquisition Offers Presented
Segment 1	8	0	0
Segment 2	27	24	17
Segment 3	11	0	0
Segment 4	11	11	4
<b>Total</b>	<b>57</b>	<b>35</b>	<b>21</b>

As of December 31, 2016

# Community

- 32 community presentations and stakeholder meetings (state and federal staff; city / county staff; advocacy / business / civic groups)
- January 5, 2017, U.S. Transportation Secretary Foxx in the Bay Area and spoke favorably about the PCEP and the strong local and federal support for the project

# Questions

More information / leave comments:

website: [www.caltrain.com/calmod](http://www.caltrain.com/calmod)

email: [calmod@caltrain.com](mailto:calmod@caltrain.com)

phone: 650.508.6499