



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

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

Electrification Infrastructure Continued

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

Electric Trains (EMU)

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

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



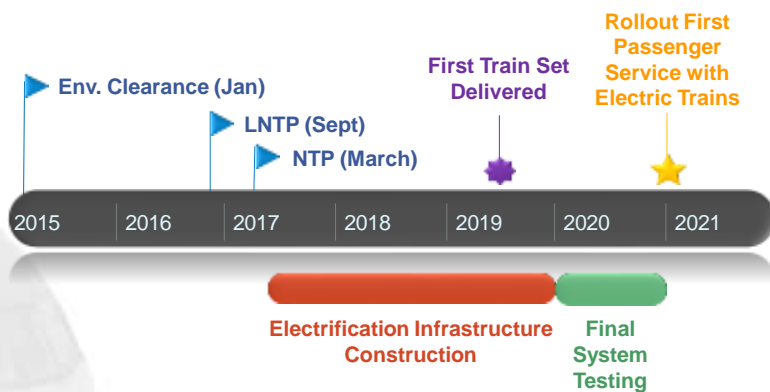
Third Party Agreements

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

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Schedule



Note: Schedule Subject to Change

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Budget & Expenditures

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

Note: Budget / Expenditures as of December 31, 2016

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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

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Risk / Quality / Environmental

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

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
Total	57	35	21

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

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Questions

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