



Caltrain Modernization Program Update

Bike Advisory Committee
May 16, 2013



Context



Beneficial Partnership

- **Caltrain**
 - **Prioritized electrification**
 - **Owns corridor**
 - **Needs funding**
- **CHSRA**
 - **Needs electrified corridor**
 - **Needs corridor to SF**
 - **Brings funding**

California High-Speed Train Map, Statewide Overview



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Blended System Vision

Community-driven Approach

2-track System (Primarily)

Up to 110 mph

Partially Grade Separated

6 Caltrains / per peak hour per direction

Up to 4 HSR trains / per peak hour per direction*

*Based on LTK computer model simulation (March 2012)

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Peninsula Corridor Investment Program

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Policies

- **2012 CHSRA Business Plan**
- **Regional 9-party Funding MOU**
- **2013 JPB/CHSRA New Agreement**

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Key Principles

- **Incremental Investment to Blended System**
- **Early Investment**
 - \$1.5 billion
 - \$705 million from High-speed Rail State Bond
 - Caltrain electric service by 2019
- **Future Incremental Investments**
 - Projects and funding to be determined
 - Blended HSR service by 2026-2029

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Early Investment Projects

- **Advanced Signal System – CBOSS (2015)**
 - 2012 – 2014 Design
 - 2015 Installation/Commissioning/Testing
- **Corridor Electrification & EMUs (2019)***
 - 1 - 2 years Environmental clearance
 - 3 - 4 years Construction
 - 1 - 2 years Commission / Testing

* Schedule subject to change based on selected project delivery method

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Environmental Processes

- CBOSS (Complete)
- ➔ Corridor Electrification (Current)
- Blended System (TBD)



Corridor Electrification EIR





Project Overview

- 51 miles (San Francisco to Tamien)
- Up to 79 mph
- 6 trains / per hour / per direction
- Infrastructure
 - Poles and Wires
 - Traction Power Facilities
 - Electric Powered Vehicles
- Maintain service to Gilroy
- Support existing tenant services

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Project Purpose and Need

- Improve Train Performance
- Increase Service & Ridership
- Increase Revenue & Reduce Cost
- Reduce Environmental Impacts
- HSR Compatible Electrical Infrastructure

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Example: Electrification and Vehicles



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Cumulative Analysis

- **General**
 - MTC Regional Transportation Plan Improvements
 - Other Approved Transportation Projects
 - Local Station Development Plans, Specific Plans and General Plans
- **Example Key Projects**
 - HSR Blended Service (Up to 2 & 4 HSR trains)
 - SF Downtown Extension
 - Dumbarton Rail Corridor Project

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Key Schedule Milestones

- **February/March 2013** **Public Scoping***
- **Fall 2013/Winter 2014** **Draft EIR**
- **Spring/Summer 2014** **Final EIR**
- **Summer/Fall 2014** **Project Approval**

* Meeting Locations: San Carlos, Palo Alto, San Jose, San Francisco;
Scoping comments on the website.

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Blended System Planning

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Status Blended System Planning

- **Blended System Capacity Analysis Study**
 - Completed March 2012
- **Two Draft Planning Studies**
 - Blended Service Plan / Operations Considerations
 - Grade Crossing and Local Traffic Analysis
- **Next Steps (Timing TBD)**
 - Develop Blended Service Plan Options
 - Options Evaluation: Infrastructure / Fleet / Cost
 - Alternatives Definition for Future Environmental Review

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Public Venues/Outreach

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Partnerships

- **Boards / Elected Officials**
 - JPB; Local Policy Maker Group; City Councils / Committees
- **Advisory Committees**
 - CAC; BAC
- **Staff**
 - City / County Staff Coordination Group; Peninsula Corridor Working Group
- **Community Leaders / Advocacy Organizations**

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Questions?

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