

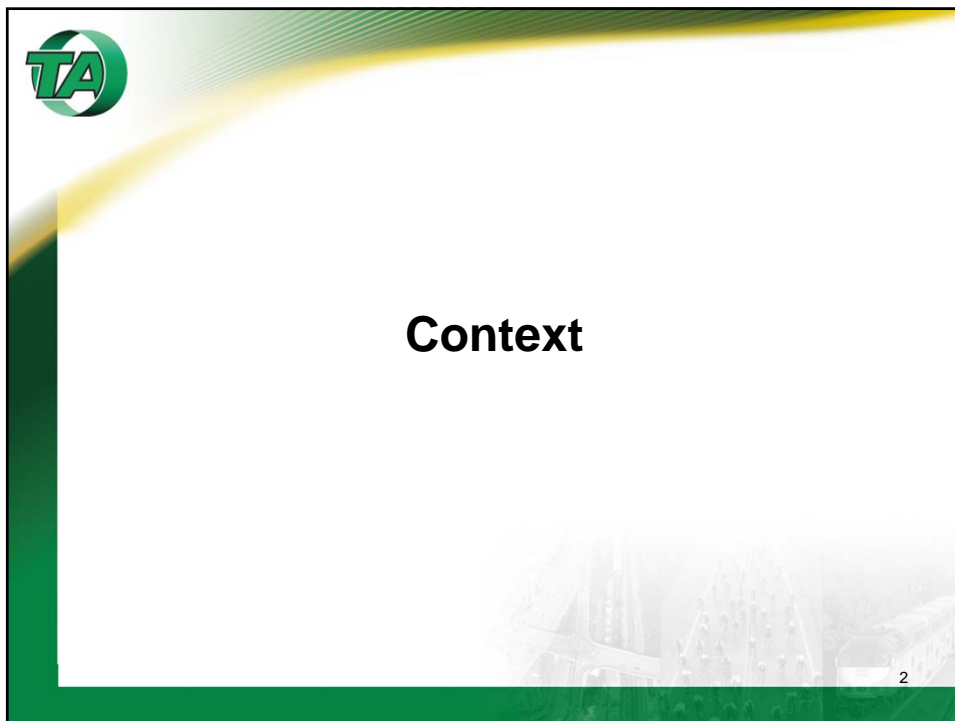


The slide features a green background with a faint image of a Caltrain train and a highway interchange. In the top left corner is the logo for the San Mateo County Transportation Authority, which includes the letters 'TA' in a green circle and the text 'SAN MATEO COUNTY Transportation Authority'. The main title 'Caltrain Modernization Program Update' is centered in large white font. In the bottom right corner, the text 'TA Board Meeting April 4, 2013' is displayed in white.

TA SAN MATEO COUNTY
Transportation Authority

Caltrain Modernization Program Update

TA Board Meeting
April 4, 2013



The slide has a white background with a green border on the left and bottom. The 'TA' logo is in the top left corner. The word 'Context' is centered in a large, bold, black font. A faint image of a highway interchange and a train is visible in the bottom right corner.

TA

Context

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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 method₈



Environmental Processes

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

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Corridor Electrification EIR

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Project Overview

- **51 miles (SF to Tamien)**
- **Up to 79mph**
- **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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Example: Traction Power Facility



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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

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Blended System Planning

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Status

- **Blended System Capacity Analysis – Complete**
- **2 Current 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
- **Staff**
 - City / County Staff Coordination Group
 - Peninsula Corridor Working Group
- **Community Leaders / Advocacy Organizations**

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Discussion Q & A