

Dumbarton Transportation Corridor Study

SamTrans Board Meeting
May 4, 2016
Agenda Item 10a

San Mateo

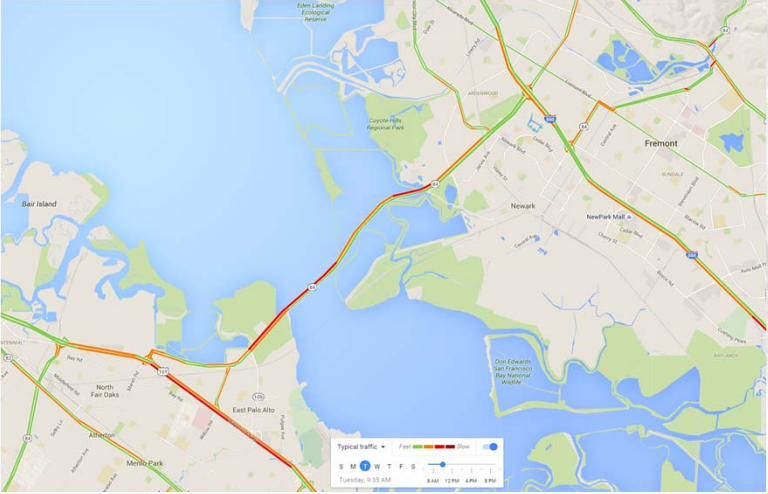

Dumbarton Corridor



Source: Wikipedia


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Transportation System




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Growth Imbalance




- **Jobs-housing imbalance**
- **Major employers driving growth**
- **Congestion, lengthy and unpredictable travel times**
- **Gaps in transportation network, limited options**




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Background




- **Dumbarton Rail Corridor Alternatives Study completed in 2011**
- **Environmental review process on hold due to high costs and lack of funding**
- **Bay Area has since experienced job growth, increased congestion and greater jobs-housing imbalance**

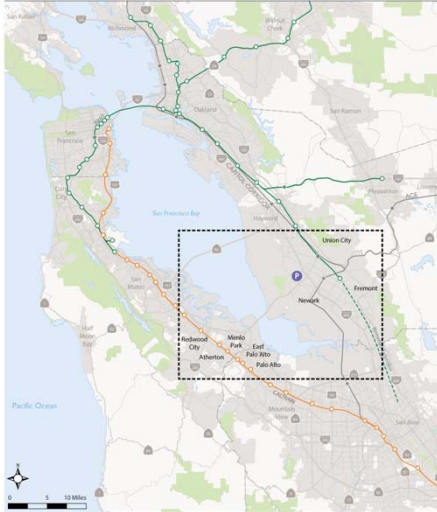


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Transportation Study



- **SamTrans to manage Study**
- **Study partners:**
 - SMCTA
 - Alameda County Transportation Commission
 - AC Transit
 - Facebook
- **15-month schedule**



Park and Ride Caltrain Alignment and Stations
 BART Alignment and Stations
 Other Rail Corridors and Stations
 Study Area

Goals




- Study operational and capital improvements that enhance mobility
- Work with regional partners to expedite improvements
- Assess how the rail bridge may be used, and make effective use of the transportation asset




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Scope of Work

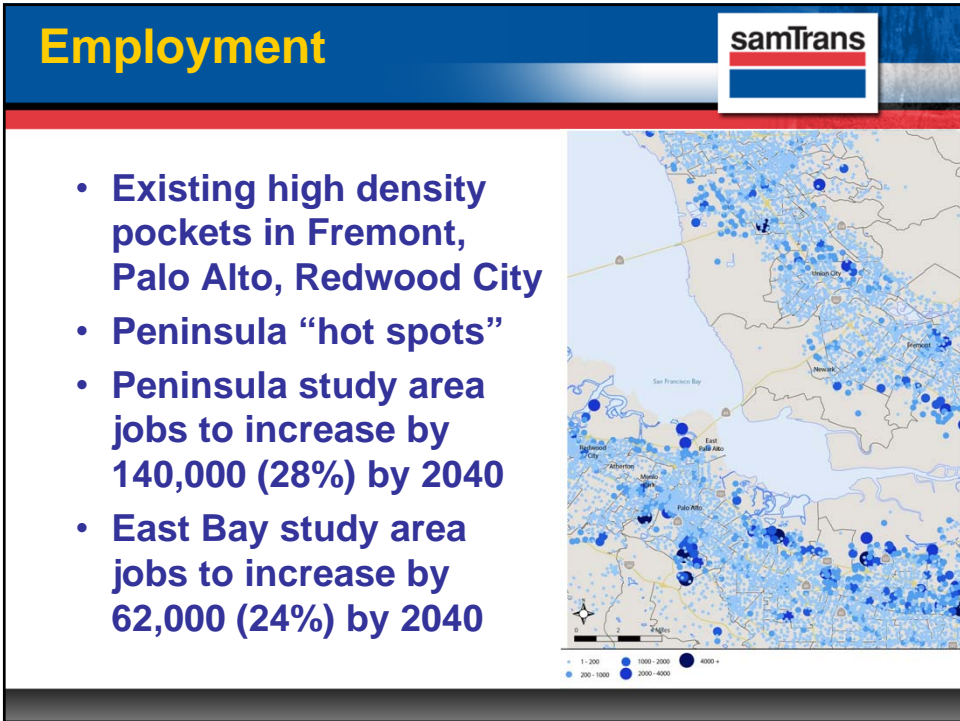
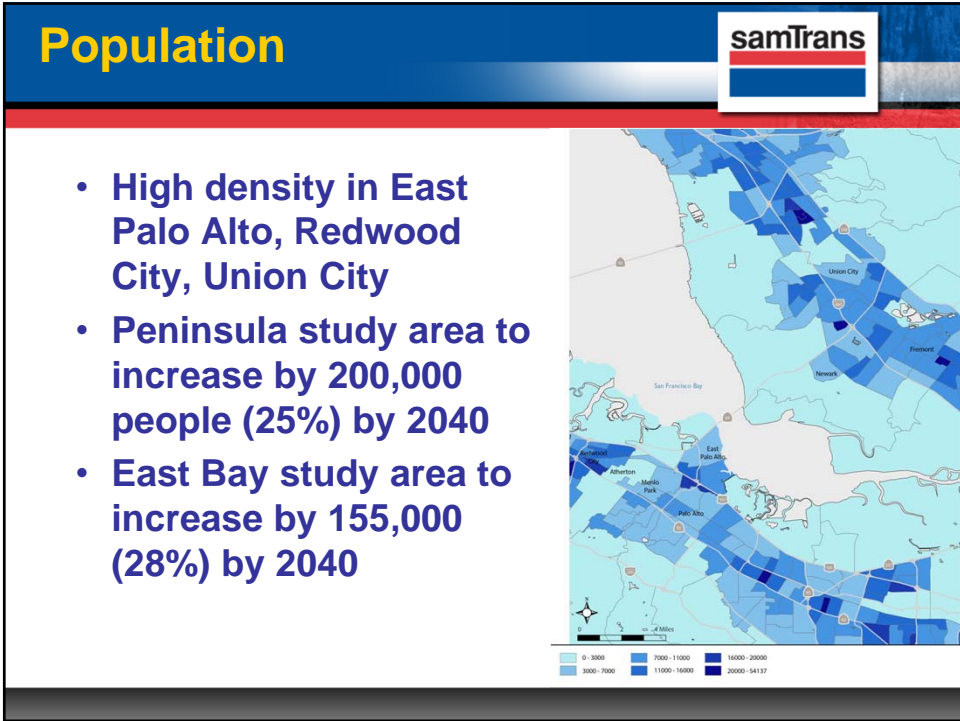


- Study mobility improvements on rail bridge, highway bridge and approach arterials
- Focus on short-term (2020) and long-term (2030) improvements and phasing



Source: Wikipedia

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Highway Bridge, Arterials



- **Short-Term**
 - DBX Improvements
 - Queue-jumps
 - Queue warning
 - Bus-only turn lanes
 - Signal coordination/transit signal priority
 - Metering lights
 - Lane use signs
 - Variable speed limits
 - Signage/wayfinding
- **Long-Term**
 - Bus lanes
 - Added general purpose lanes
 - Auxiliary lanes
 - HOV 2+ or 3+ lanes
 - Toll/express lanes
 - Direct access ramps
 - Tolling policies
 - Autonomous vehicle lanes

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Rail Bridge, ROW



- **Short-Term**
 - Bike-pedestrian (West Bay)
 - **Long-Term**
 - Bike-pedestrian
 - Bus Rapid Transit
 - Light Rail Transit
 - Diesel/Electric Trains
 - Personal Rapid Transit
- Separate from bridge:
- Hyperloop
 - Ferry
 - Gondola
 - Monorail

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Outreach

The logo for samTrans, featuring the text "samTrans" in a sans-serif font above a stylized graphic of a red and blue horizontal bar.

- **Outreach at major milestones:**
 - **May 2016: Existing conditions, project goals and objectives, initial alternatives**
 - **September 2016: Initial alternatives screening, alternatives carried forward**
 - **April 2017: Evaluation of alternatives carried forward, funding plan, phasing plan**
- **Two stakeholder and two public meetings per milestone (East Bay and Peninsula)**

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Next Steps

The logo for samTrans, featuring the text "samTrans" in a sans-serif font above a stylized graphic of a red and blue horizontal bar.

- **Screen initial alternatives**
- **Further study short-list alternatives (e.g., conceptual engineering, ridership modeling)**
- **Develop financial plan, consider Public Private Partnerships**
- **Recommend phasing**
- **Board update September 2016**

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Comments / Questions

