

Prop K Half-Cent Transportation Sales Tax

6 Requests



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Authority**

Citizens Advisory Committee Agenda Item 8

October 23, 2019

Pennsylvania Avenue Extension Pre- environmental (SFCTA) Planning

Prop K request: \$1,600,000

Preferred route for Downtown Extension to continue south of 4th and King

Provides grade-separated alignment

- avoid at-grade crossing conflicts at 16th Street and Mission Bay Drive
- improve vehicular and pedestrian safety
- allow reconnection of city streets now truncated by rail alignment

Prop K will fund initiation of Pennsylvania Avenue Extension project development

- identify alignment alternatives
- evaluate alignment alternatives, including environmental, cost and risk constraints
- conduct public outreach

Resulting Project Initiation Document expected by June 2021



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Pennsylvania Avenue Extension (cont.)



22nd Street ADA Study (PCJPB) Planning



Prop K request: \$350,000

Feasibility study for Americans with Disabilities Act (ADA) improvements at 22nd Street station street to platform access

Scope includes:

- ramps, elevators, associated improvements such as lighting and utilities

Community stakeholder committee to be established in consultation with Commissioner Walton

Final report by Fall 2020

Major Stations and Terminals Planning and Development (PCJPB) Planning



Prop K request: \$380,000

Evaluates options for future Caltrain maintenance and storage needs

- existing sites (e.g. 4th & King and Central Equipment and Maintenance Facility in San Jose)
- potential new or supplemental facilities at both north and south ends
- includes focus on potential evolution of needs at 4th and King

Final report by December 2021

Major Initiatives Corridor-wide Grade Separation Study (PCJPB) Planning



Prop K request: \$60,000

Development of a corridor-wide grade separation policy

Policy will include:

- goals, objectives, prioritization criteria for grade separations
- best practice resources
- existing and future conditions analysis of existing grade crossings
- robust stakeholder engagement

Project to be completed by March 2022

101/280 Carpool and Express Lane (SFCTA) Environmental

Prop K request: \$4.1 million (Phase 1)
Total Cost: \$7 million (Phases 1 & 2)

Develop draft environmental document for carpool and/or express lanes along US-101/I-280 corridor from San Mateo County to 5th and King streets

Create continuous facility from Santa Clara to San Francisco

Reduce travel time, increase person throughput, and improve reliability

Phase 1 (current request)

- Preliminary engineering, environmental studies, cost estimates, outreach, Caltrans review
- Equity study to inform project decisions and advance social justice
- Phase 1 draft environmental document done by June 2021

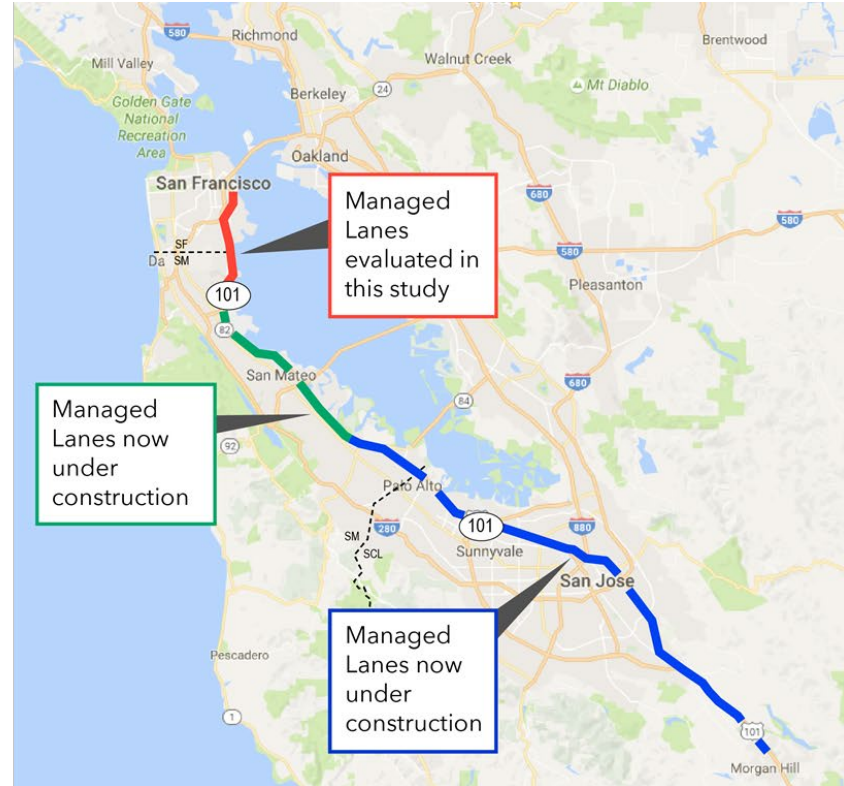
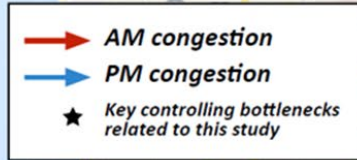


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101/280 Carpool and Express Lane (cont.)

EXISTING CONGESTION

Typical weekday peak period conditions
within study area; 2016
(Recurrent congestion only)



Hyde Street Safety (SFMTA) Planning



Prop K request: \$80,000

Leverages Caltrans Planning Grant

Planning and engagement to identify community priorities

Goal to improve pedestrian safety, transform corridor into complete street

Solutions may include:

- Sidewalk widening
- Lane reduction
- Landscaping and lighting
- Conversion to two-way traffic flow
- Bicycle facilities

Final report expected by March 2022

Thank you.

sfcta.org



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U.S. 101/I-280 Carpool and Express Lane Project

Citizen Advisory Committee



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October 23, 2019

Traffic is bad
– and it's
getting
worse



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Our Goals

Move People Efficiently

Increase Trip Reliability

Enhance Travel Choices

Contribute to a Regional Network

Reduce Emissions

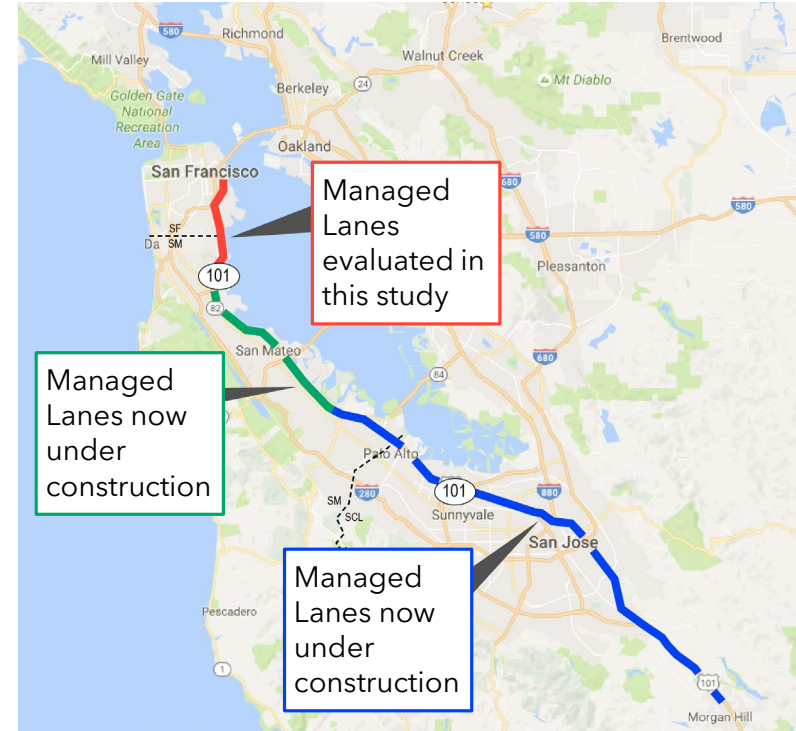
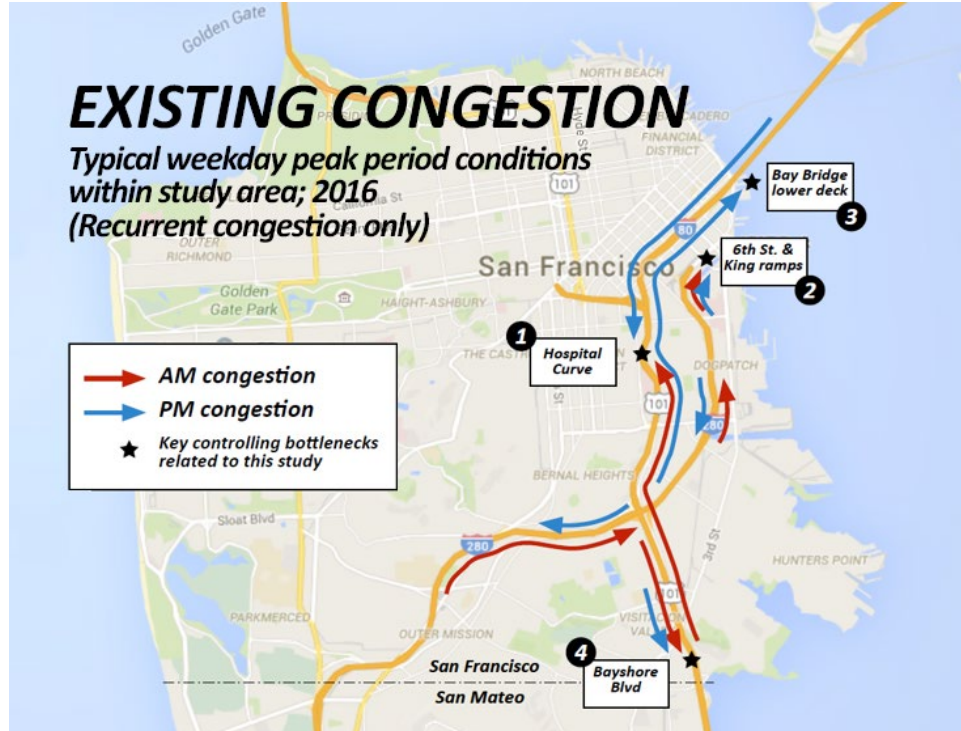
Support Community Well-Being



2018 Feasibility Study



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What are Managed Lanes?



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Managed lanes are freeway lanes whose operational rules change in response to congested conditions.

Examples include:

- Access control, e.g. ramp metering or reversible lanes
- Eligible vehicles, e.g. carpool/HOV, truck lanes
- Variable pricing, e.g. peak tolls or express lanes (free for carpools, fee for solo motorists)



Feasibility Study Results



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GOAL	KEY METRICS	HOV2+	HOV3+	3+EXPRESS LANE (HOT3+)
Move People Efficiently	Person Throughput	●	—	+
Increase Trip Reliability	Travel Time & Variability	●	—	+
Enhance Travel Choices	Availability and Attractiveness of Non-SOV Options	●	●	+
Contribute to a Regional Network	Regional Connections & Policy Alignment	—	●	+
Reduce Emissions	Critical Pollutants & PM	TBD	TBD	TBD
Support Community Well-Being	Diversions & Community Investment	●	—	+

— WORSE THAN NO-BUILD

● SAME AS NO-BUILD

+ BETTER THAN NO-BUILD

Sample Configuration with Key Metrics



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SOUTHBOUND

PERSON THROUGHPUT
UNDER HOT3+

7 - 9 AM

+2%

I-280 SOUTHBOUND

+11%

US-101 SOUTHBOUND

SOUTHBOUND TRAVEL TIME
UNDER HOT3+

6 MINUTES FASTER

NORTHBOUND

PERSON THROUGHPUT
UNDER HOT3+

7 - 9 AM

+24%

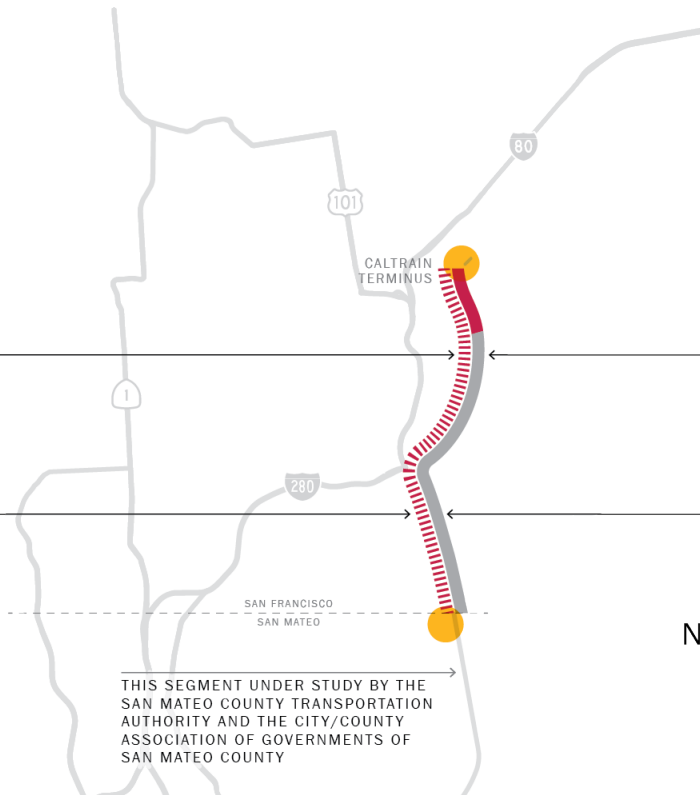
I-280 NORTHBOUND

+7%

US-101 NORTHBOUND

NORTHBOUND TRAVEL TIME
UNDER HOT3+

7 MINUTES FASTER



EXISTING LANE CONVERSION

SHOULDER CONVERSION

NO CONVERSION

KEY BOTTLENECKS

Bus lines that could use the network



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Faster service for public transit

- Muni 8/8AX/8BX Bayshore Expresses, 14X Mission Express
- Planned Muni Bayview Hunter's Point Express Lines (CPX, HPX)
- SamTrans Foster City (FCX) Express

Revenue could be used to further improve these routes or add new routes



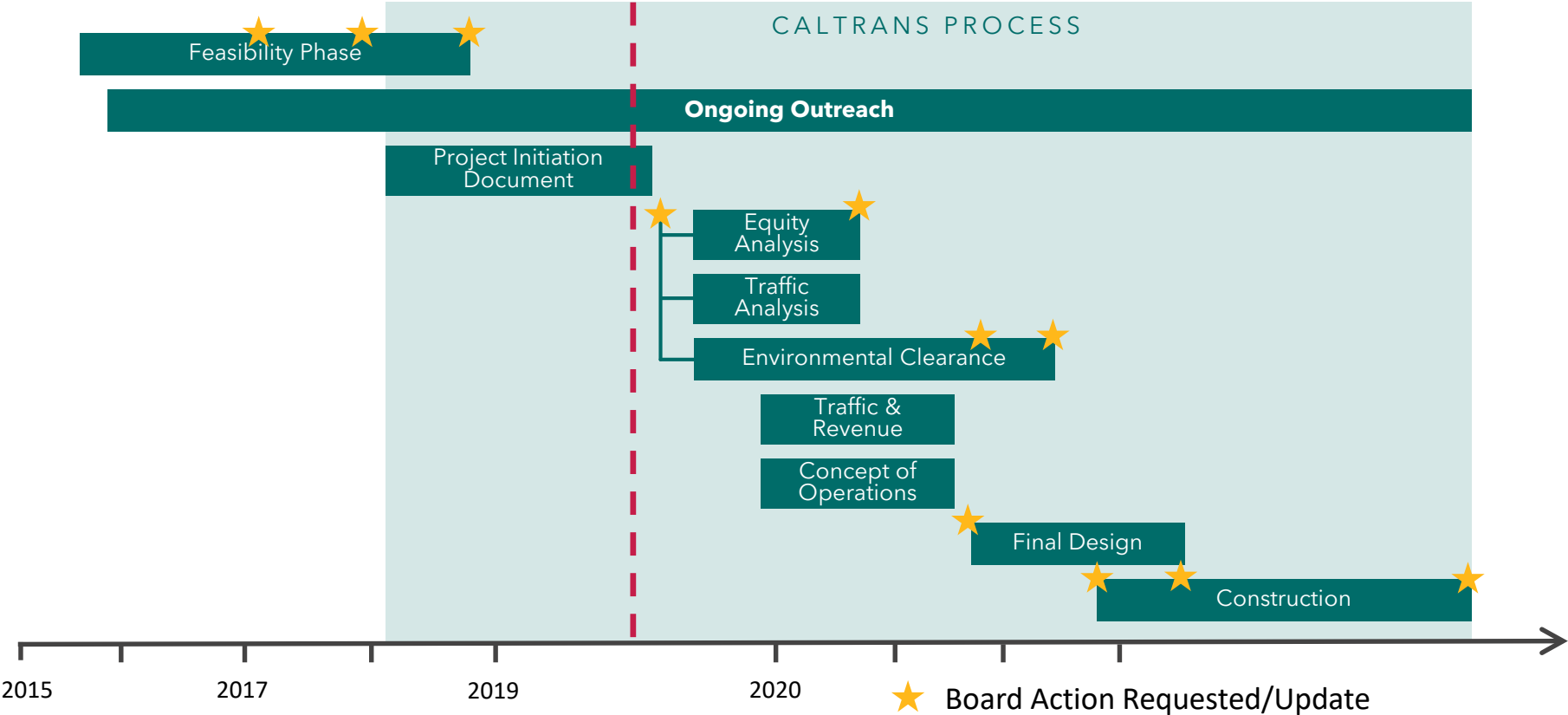


How can pricing programs promote equity?

- Improve travel time and reliability for public transit buses and shuttles – modes that benefit lower-income travelers
- Include discounts and subsidies, or ability to earn toll credits
- Use net revenue for transit, walking, and biking improvements, e.g. new express bus lines, Vision Zero safety projects
- Reduce harmful emissions in the corridor

Equity Study to be conducted to better understand who is driving in the peak.

Next Steps and Schedule



US-101 Mobility Action Plan



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Reliable Travel Times



Equitable High-Capacity Mobility Options



Sustainable Communities



More Info: <https://www.101mobilityactionplan.com/>

Thank you.
Any Questions?

sfcta.org/freeways



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