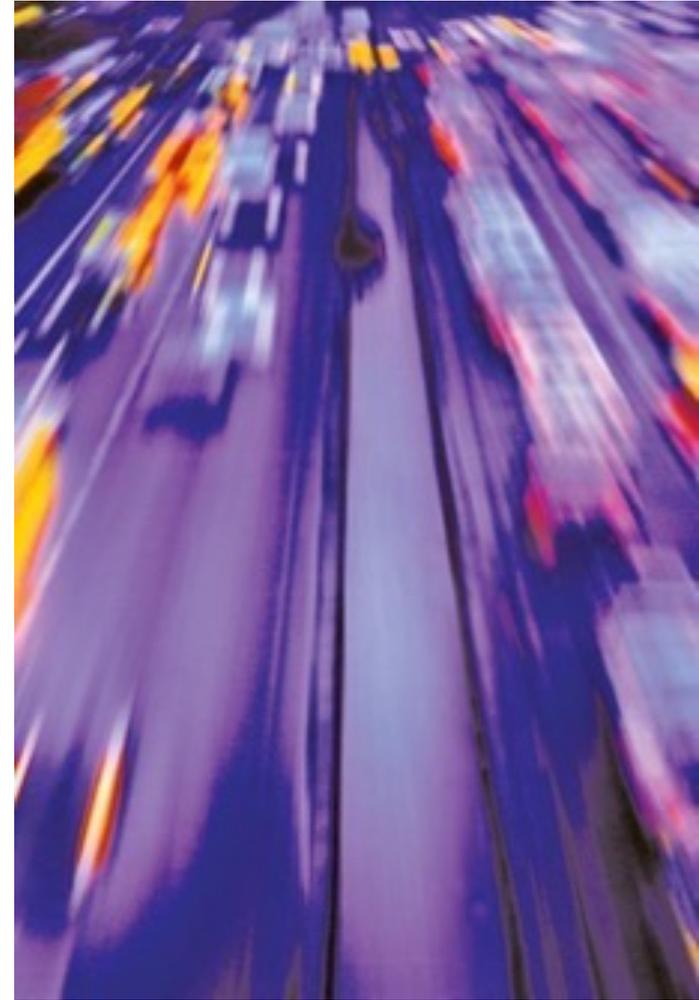




The Future of Freeways

*Problem-Solving and Visioning for the
Future of Transportation in the Bay Area*



Agenda

- **Welcome** (*5 minutes*)
- **Poll** — Top priorities for the future of Bay Area freeways (*5 minutes*)
- **Presentation** — The (other) story of freeways (*25 minutes*)
- **Q & A** (*5 minutes*)
- **Poll** — Top priorities for the future of Bay Area freeways (*5 minutes*)
- **Presentation** — Looking forward (*15 minutes*)
- **Poll** — Draft goals for the next generation Bay Area freeway network (*5 minutes*)
- **Q & A** (*20 minutes*)
- **Closing** (*5 minutes*)



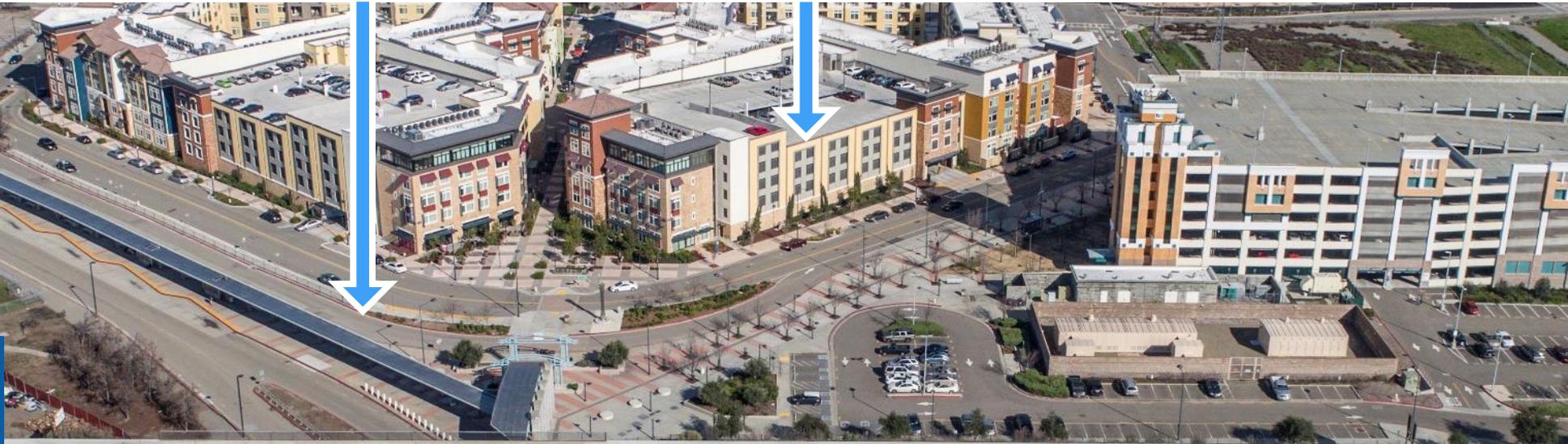
POLL

What should be policymakers' **top priorities** when planning for the future of Bay Area freeways?





Freeways
are one
piece of a
larger
system.



We have transportation problems to solve.



Inequity

How do we address the mistakes of the past?



Funding

How do we get more bang for the buck?



Congestion

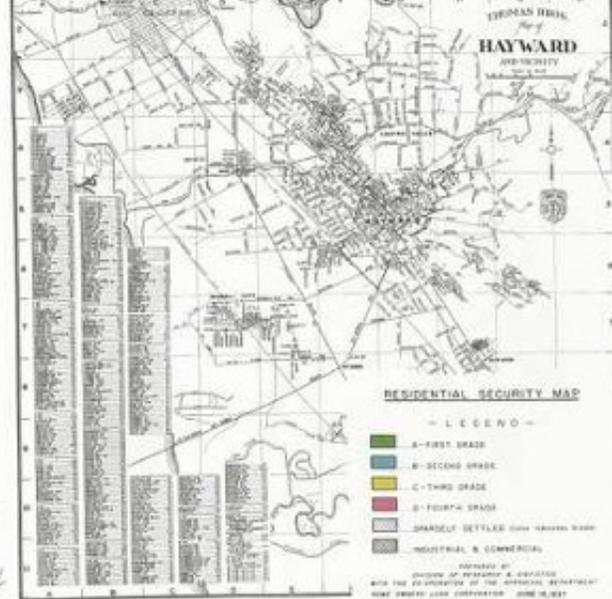
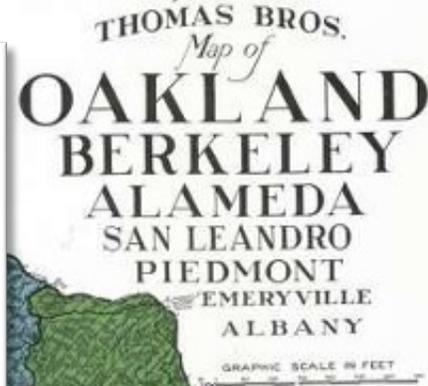
How do we move more people more efficiently?

The Inequities of Freeways: Past and Present

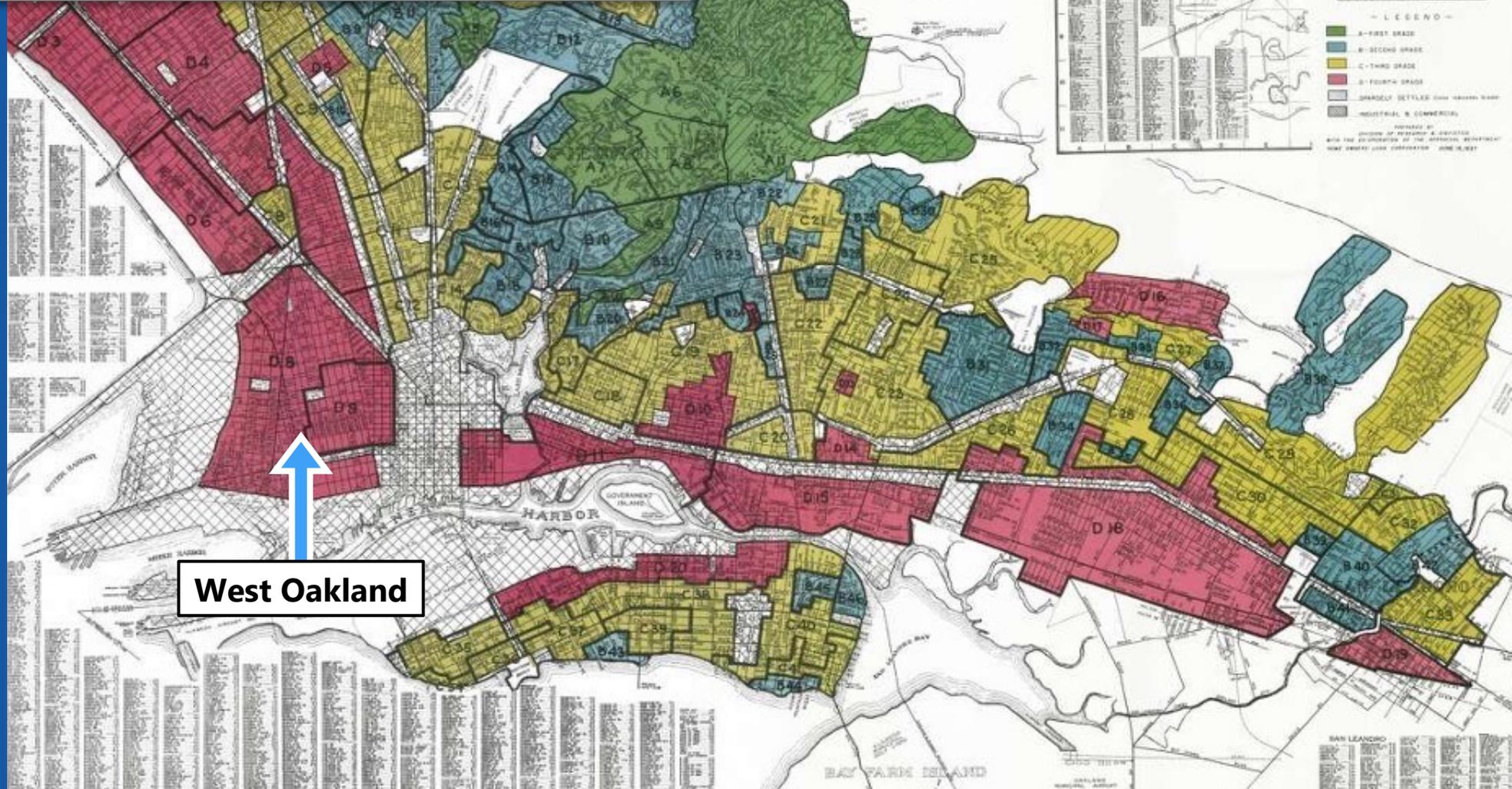


(h) No person of any race other than the Caucasian Race shall use or occupy any building or any lot, except that this Covenant shall not prevent occupancy by domestic servants of a different race domiciled with an owner or tenant.

(i) These Covenants are to run with the land and shall be binding on all parties and all persons claiming under them until January 1, 1966, at which time said Covenants shall be automatically extended for successive periods of 10 years unless by vote of a majority of the then owners of the lots it is agreed to change said covenants in whole or in part.



Historical Context: Redlining



West Oakland

Initial Community Impacts of Freeway Construction



1979: Construction of I-980 along the eastern edge of West Oakland



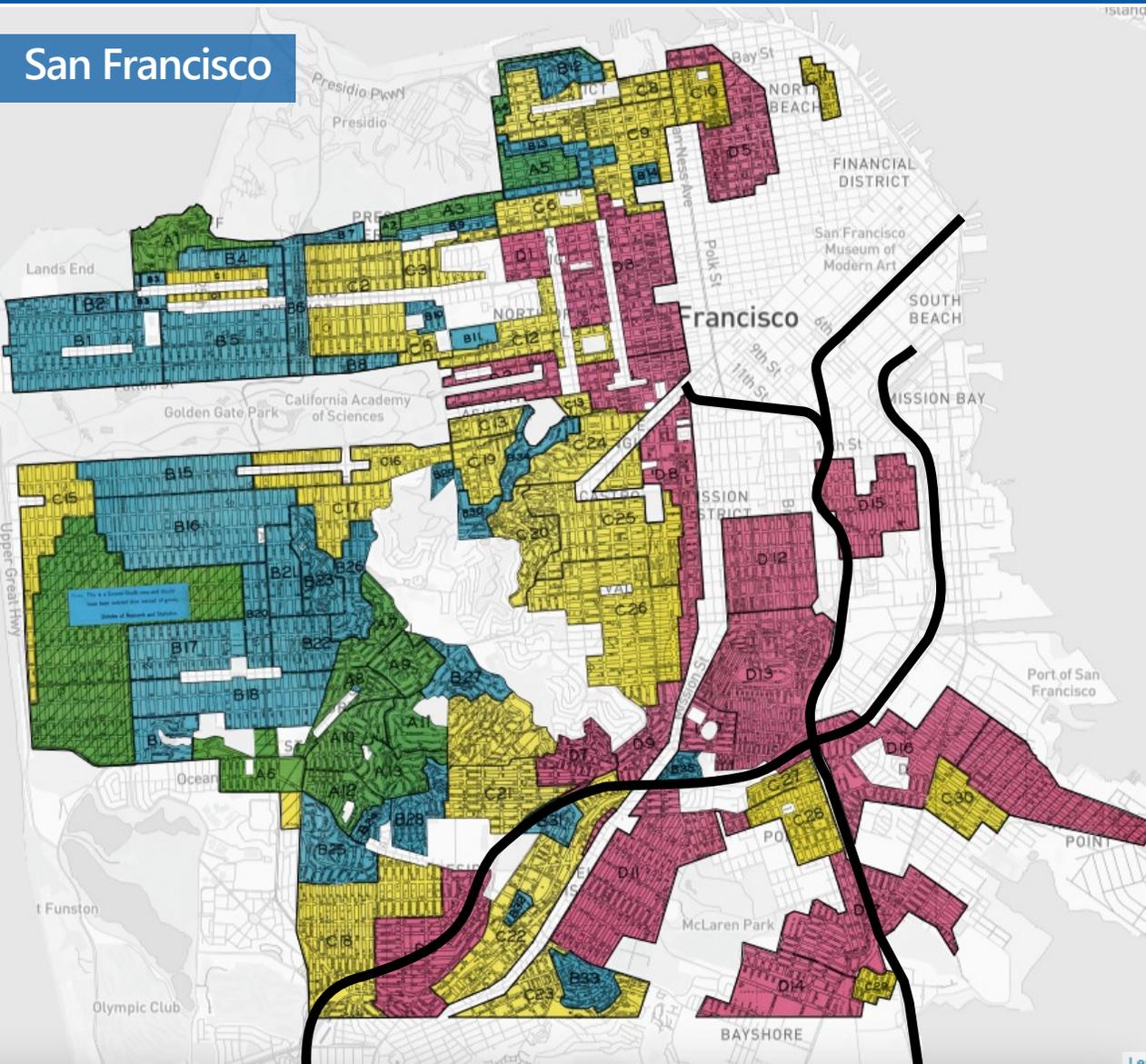
1940's: Seventh Street West Oakland



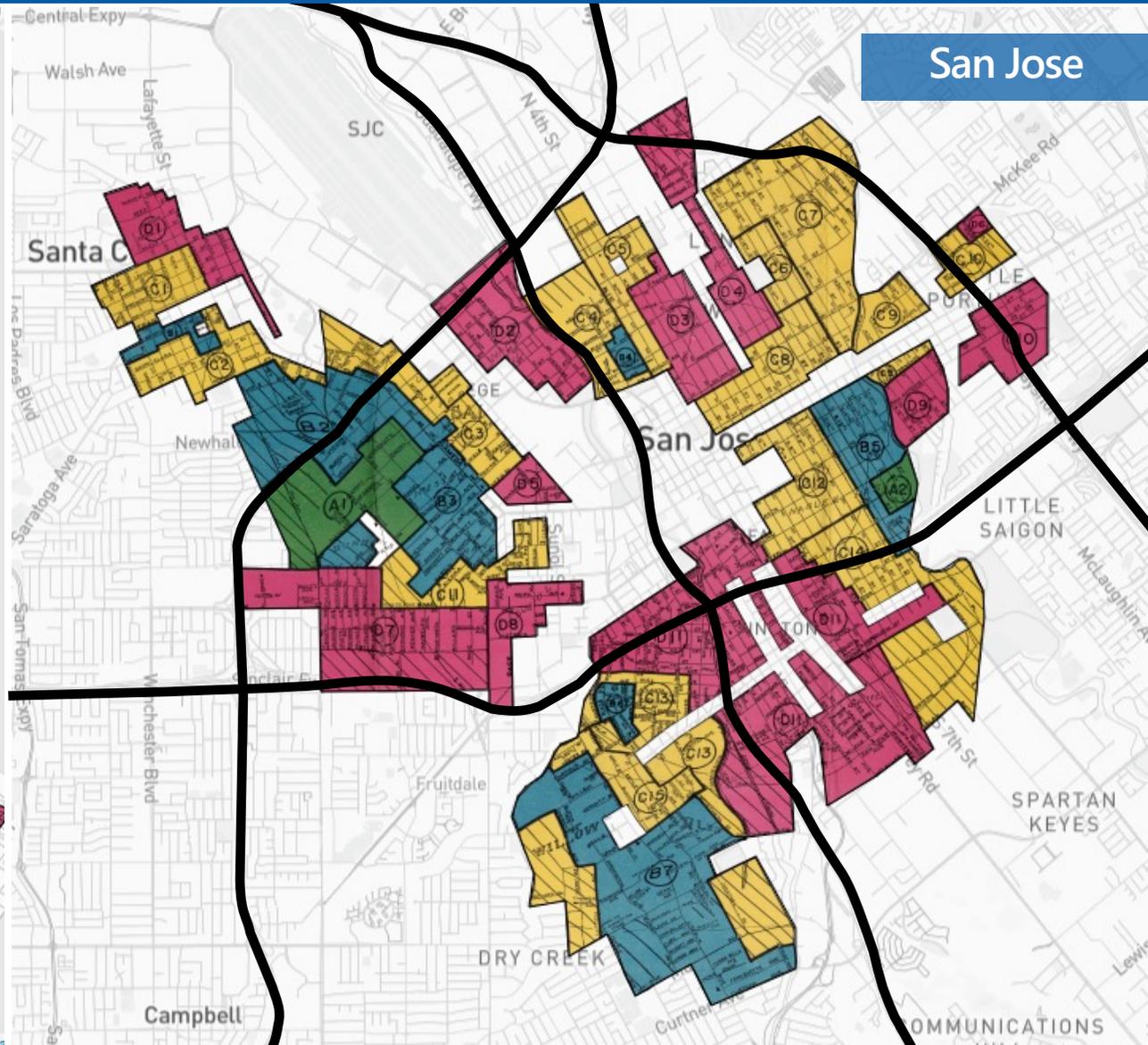
Source: Grist / Google Maps

Bay Area Redlining & Freeways

San Francisco

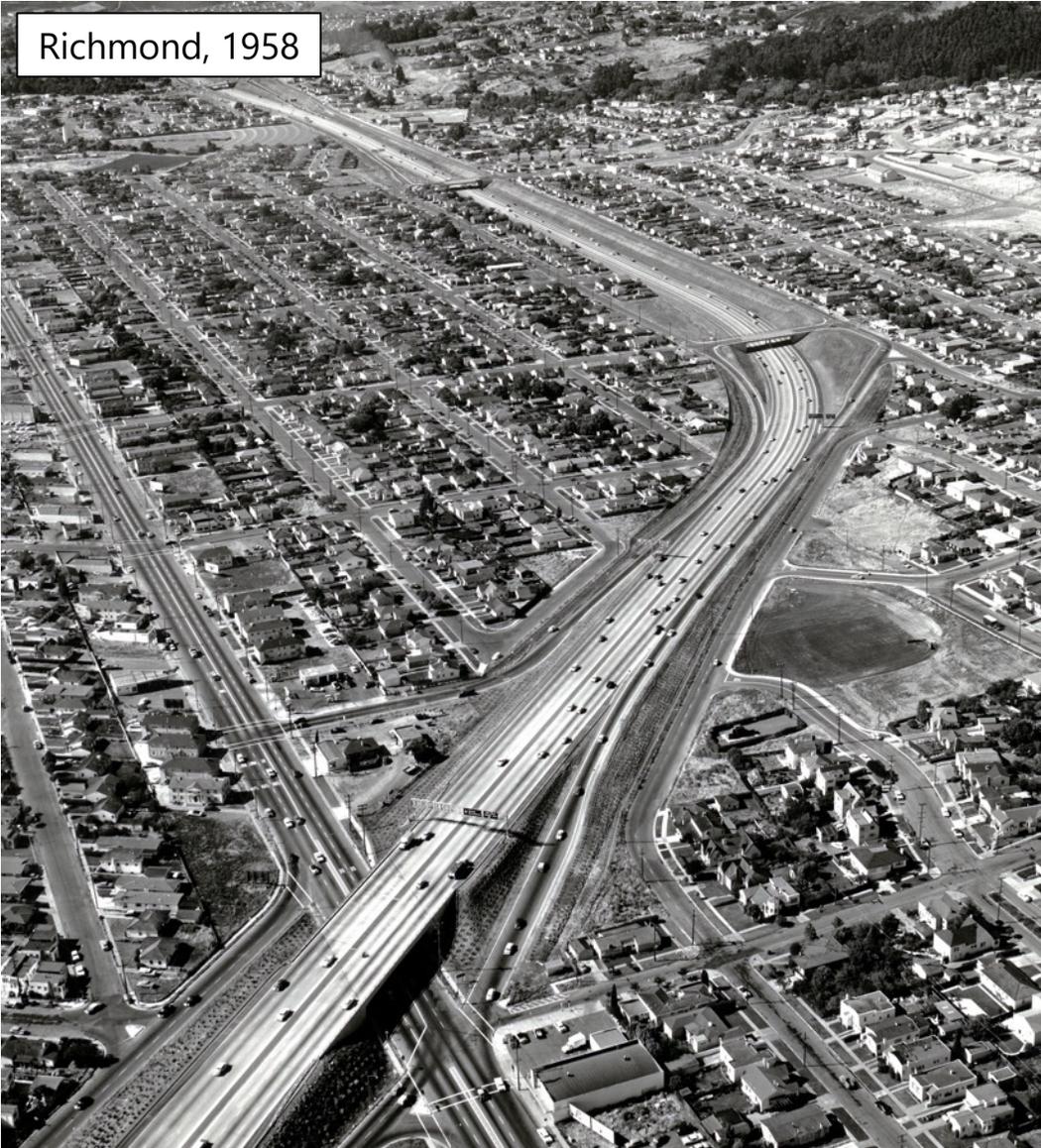


San Jose



Who Benefitted Most From Freeways?

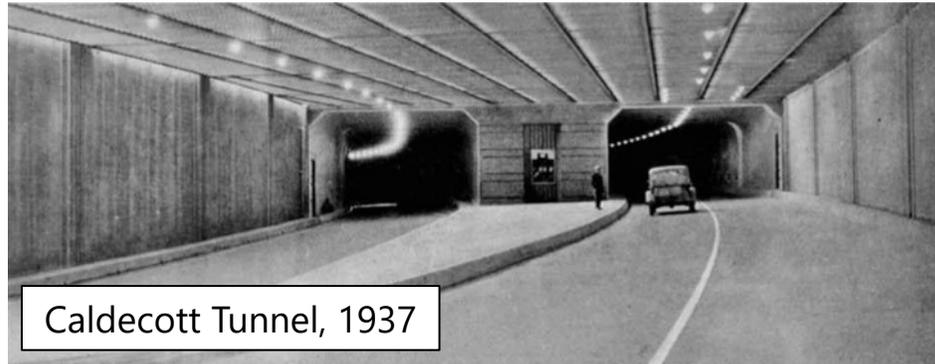
Richmond, 1958



Lafayette, 1953



Caldecott Tunnel, 1937



Photos courtesy of the East Bay Hills Project and the California Dept. of Transportation

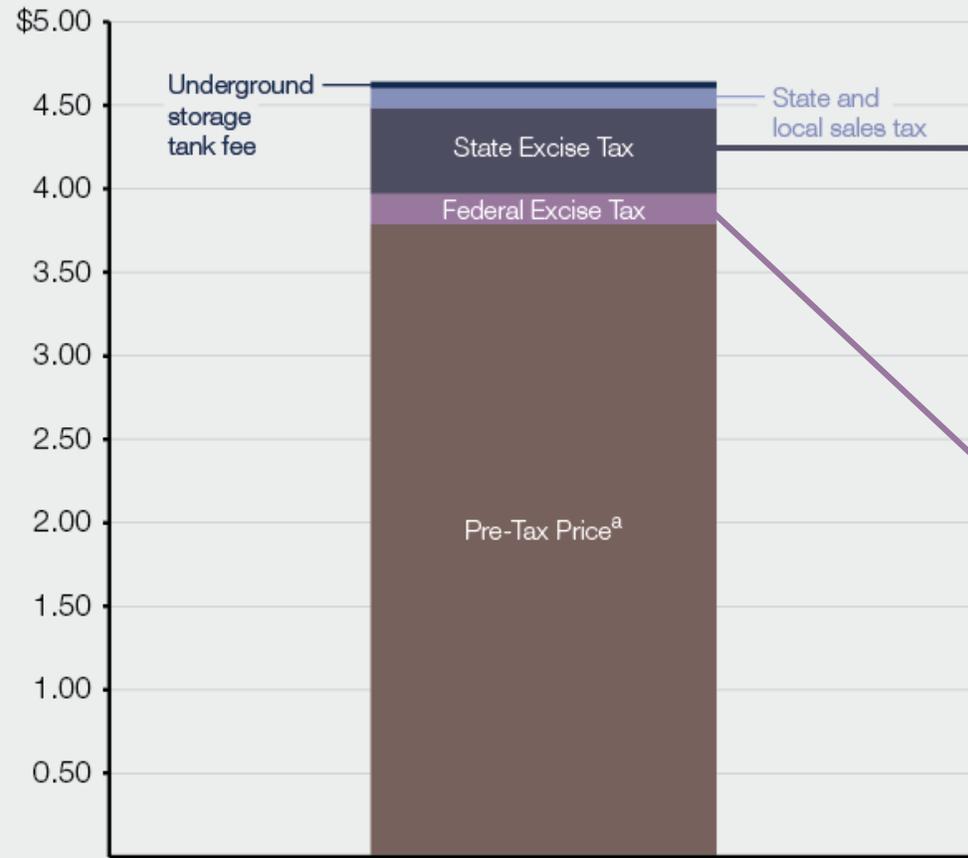
Transportation Funding

»»»» Next Gen Freeways



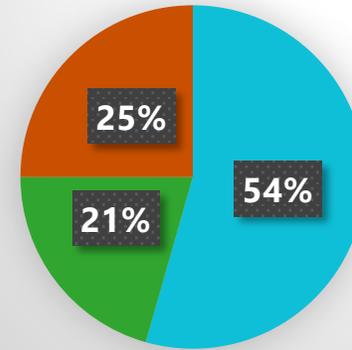
Your Gas Tax Dollars

Taxes on Gasoline



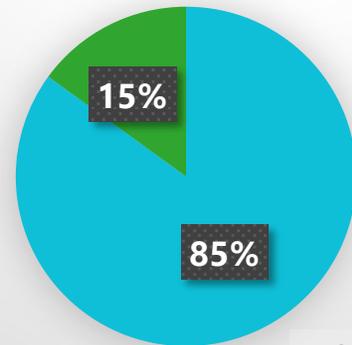
^a Includes costs to comply with regulations, such as cap-and-trade and low carbon fuel standard.

State Gas Tax (53.9 cents/gallon)



- State Highways and Transit
- Cities and Counties
- Road Maintenance and Rehabilitation

Federal Gas Tax (18.4 cents/gallon)



- Highways
- Transit



\$530/driver annually**

*Includes Diesel Excise Tax Revenue

**Source: CA Legislative Analysts Office, 2018

Highway 35 Reconstruction



Local Road Repaving



Your Gas Tax Dollars at Work

Route 1 Safety Enhancements



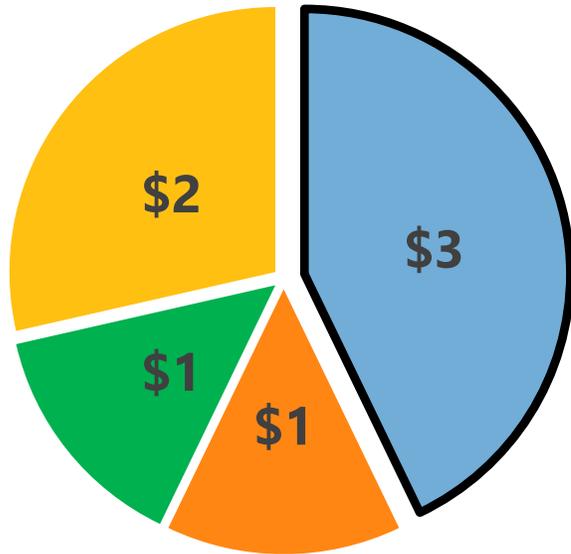
19th Ave Roadway Rehab



Bay Area Bridge Tolls

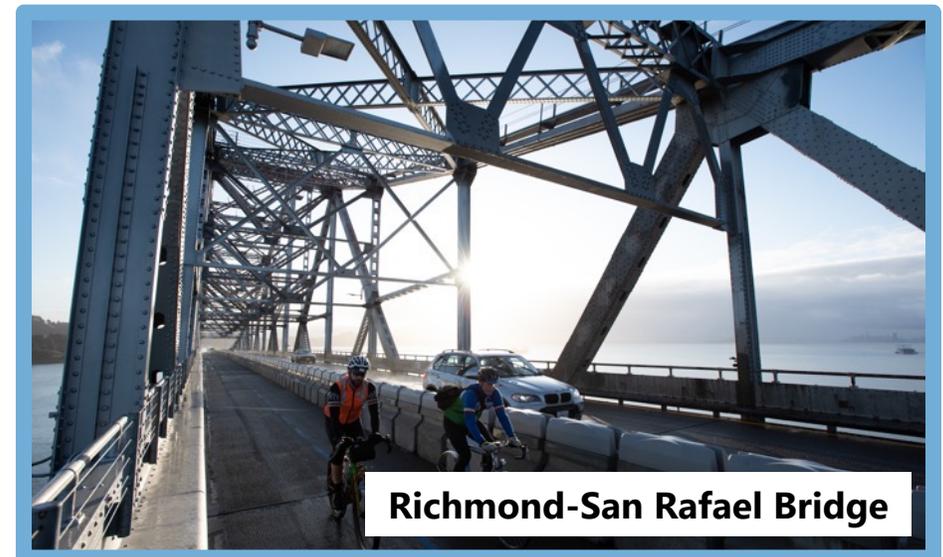
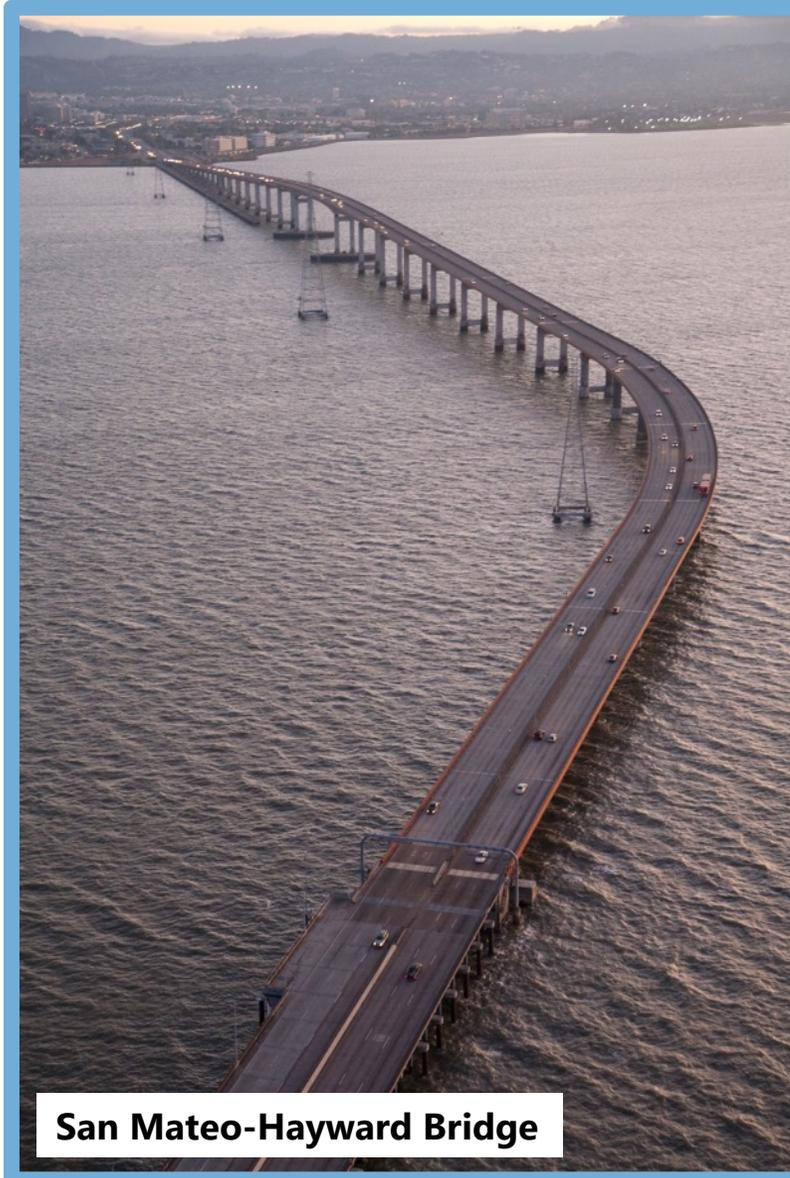
Bridge Toll Spending

Total: \$7.00



- Bridge Seismic Retrofit Work
- Regional Measure 1 Investments
- Regional Measure 2 Investments
- Regional Measure 3 Investments

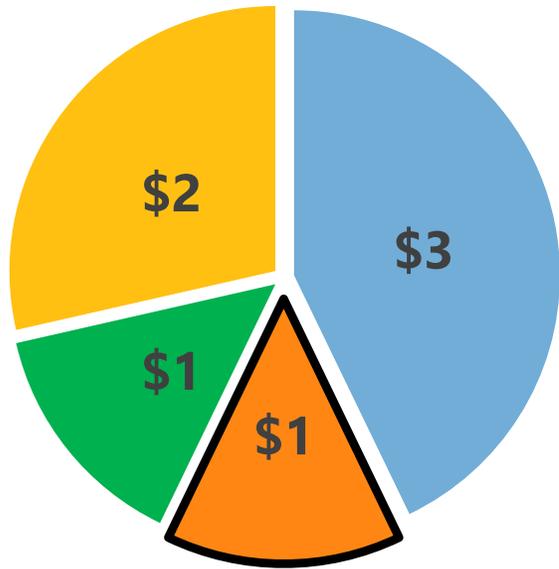
Note: Regional Measures are ballot initiatives approved by voters, in this case establishing and raising bridge tolls.



Bay Area Bridge Tolls

Bridge Toll Spending

Total: \$7.00



- Bridge Seismic Retrofit Work
- Regional Measure 1 Investments
- Regional Measure 2 Investments
- Regional Measure 3 Investments

San Mateo-Hayward Bridge Widening



Westbound Carquinez Bridge



SR-84 Bayfront Expressway Widening



I-880/SR-92 Interchange Reconstruction

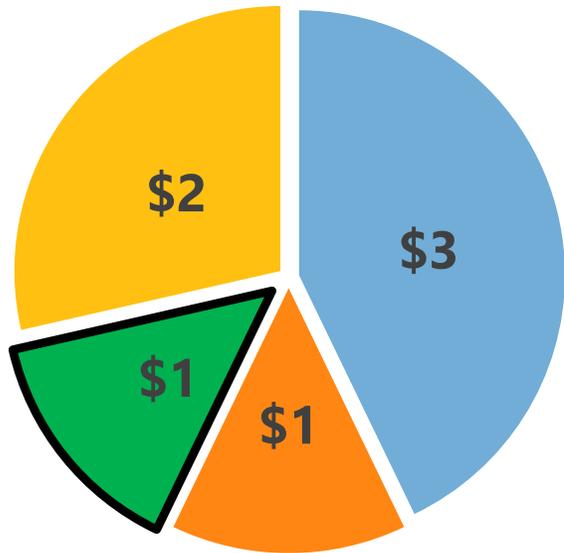


Note: Regional Measures are ballot initiatives approved by voters, in this case establishing and raising bridge tolls.

Bay Area Bridge Tolls

Bridge Toll Spending

Total: \$7.00



- Bridge Seismic Retrofit Work
- Regional Measure 1 Investments
- Regional Measure 2 Investments
- Regional Measure 3 Investments

San Francisco Muni T-Third Light Rail



Caldecott Tunnel Fourth Bore



AC Transit's Tempo Service

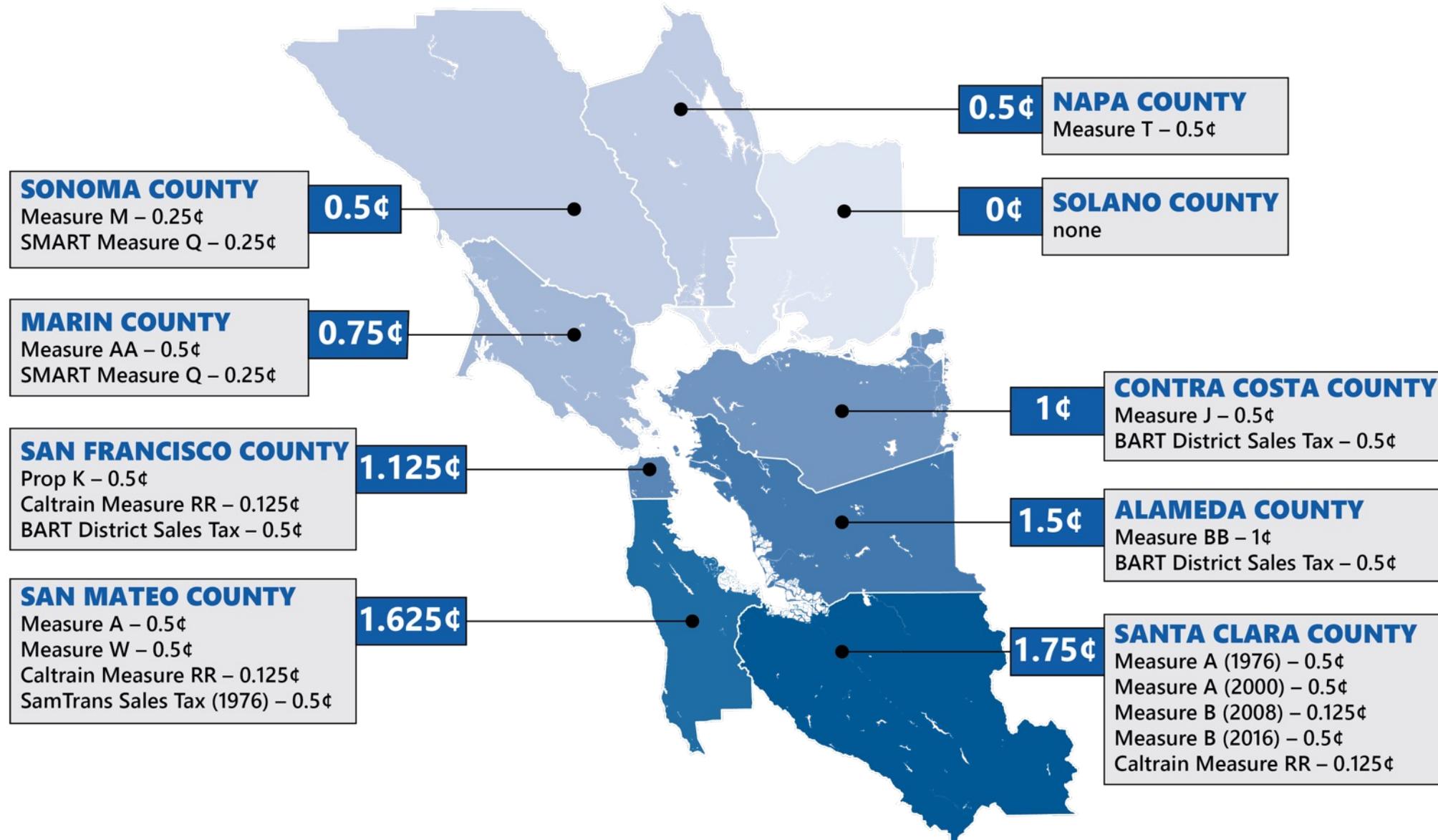


BART Fremont-to-Warm Springs Extension

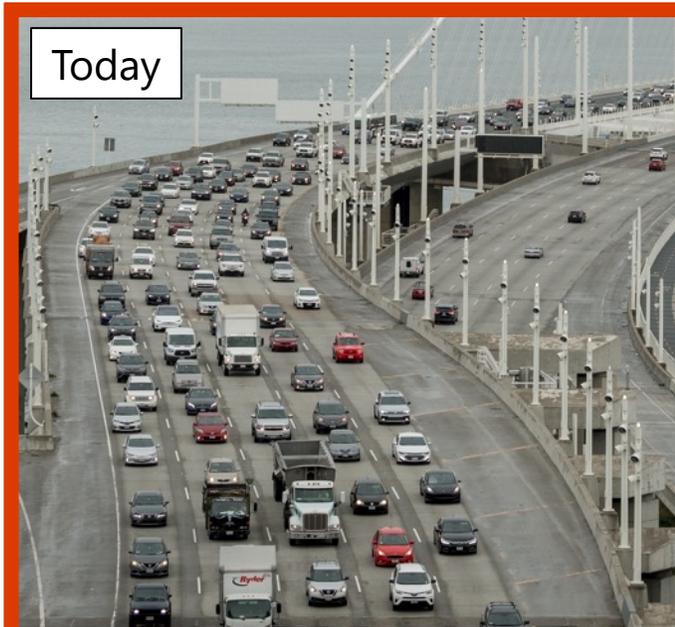
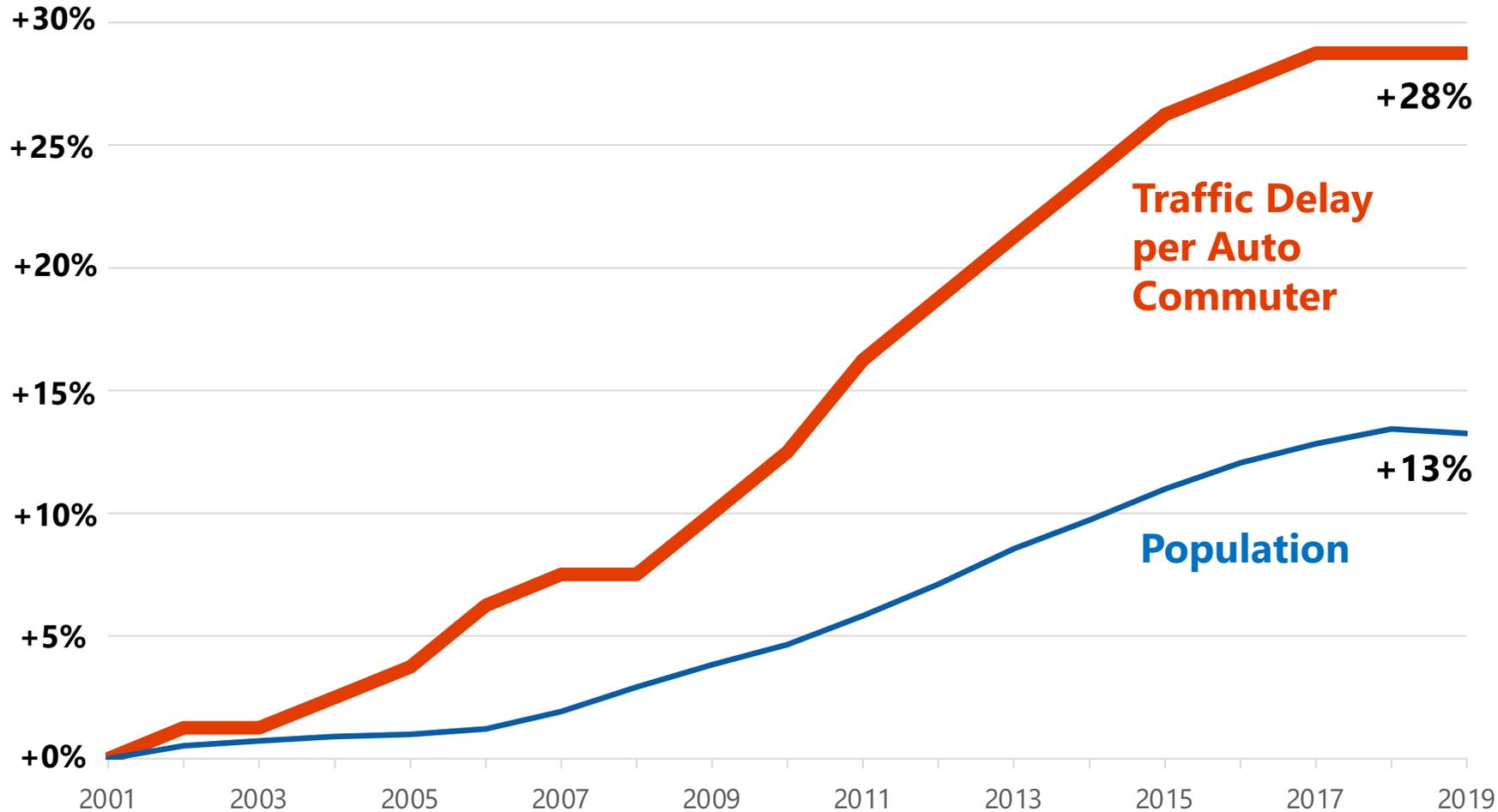


Note: Regional Measures are ballot initiatives approved by voters, in this case establishing and raising bridge tolls.

Transportation Sales Taxes



Congestion Continues to Rise



»»»» Next Gen Freeways



Note: Traffic Delay per Auto Commuter is not computed from data covering the 9-county Bay Area due to constraints on availability. Instead, it is computed using data from Alameda, Contra Costa, Marin, San Francisco, and San Mateo counties. All data is indexed to 1 in 2001.

Source: Department Of Motor Vehicles Estimated Vehicles Registered By County 2001 - 2020; Bureau Of Economic Analysis; Metropolitan Transportation Commission Vital Signs; Texas A&M Transportation Institute Urban Mobility Report

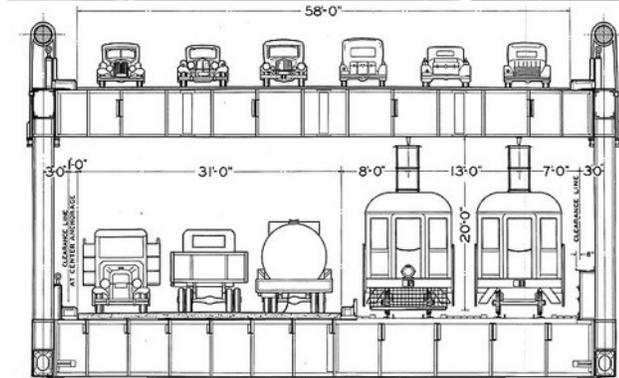
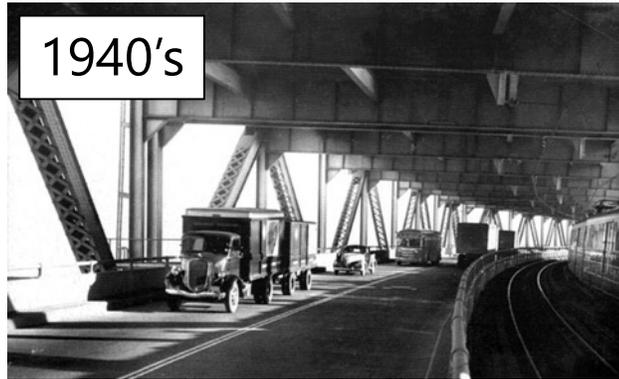
Congestion: What We Know



More Lanes \neq Less Congestion



1946

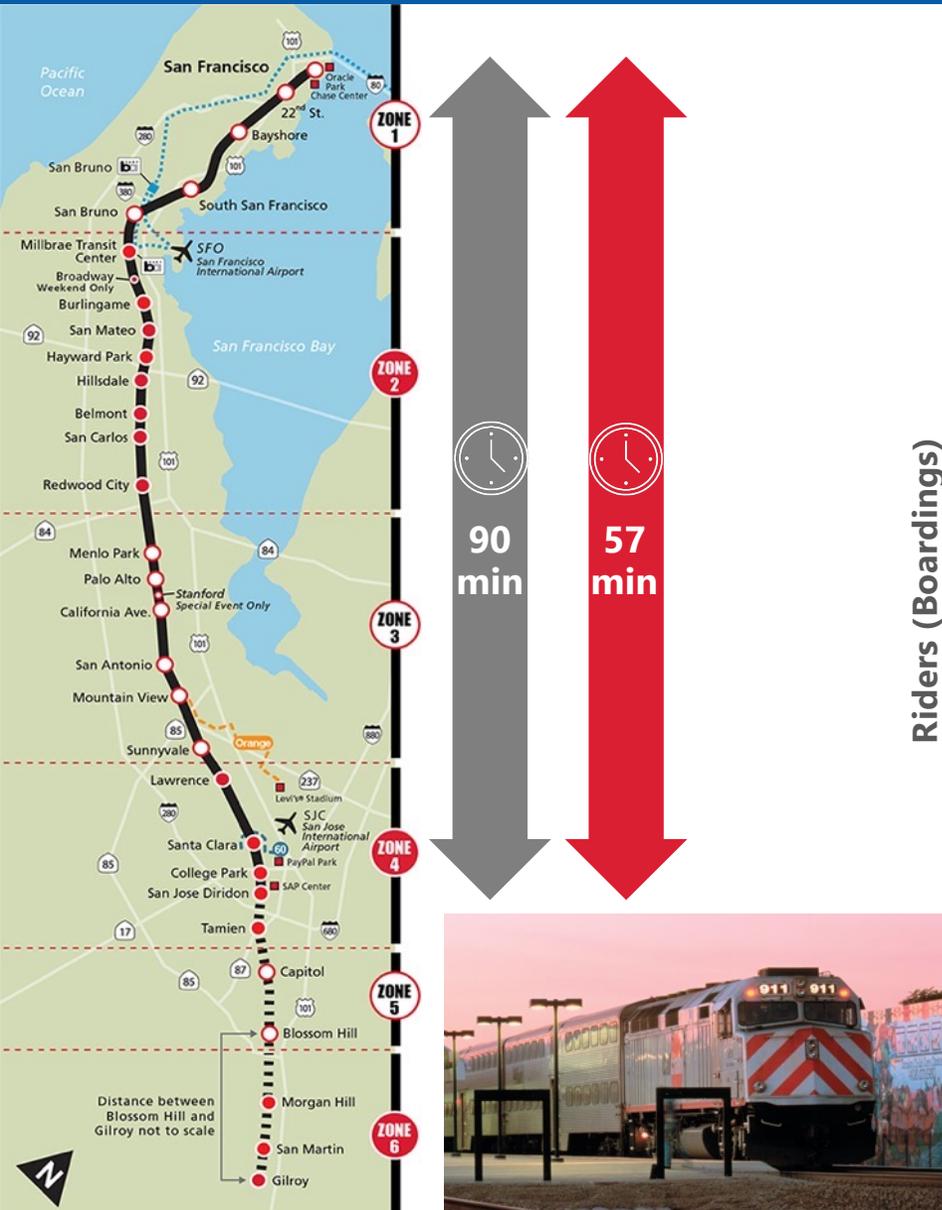


Today

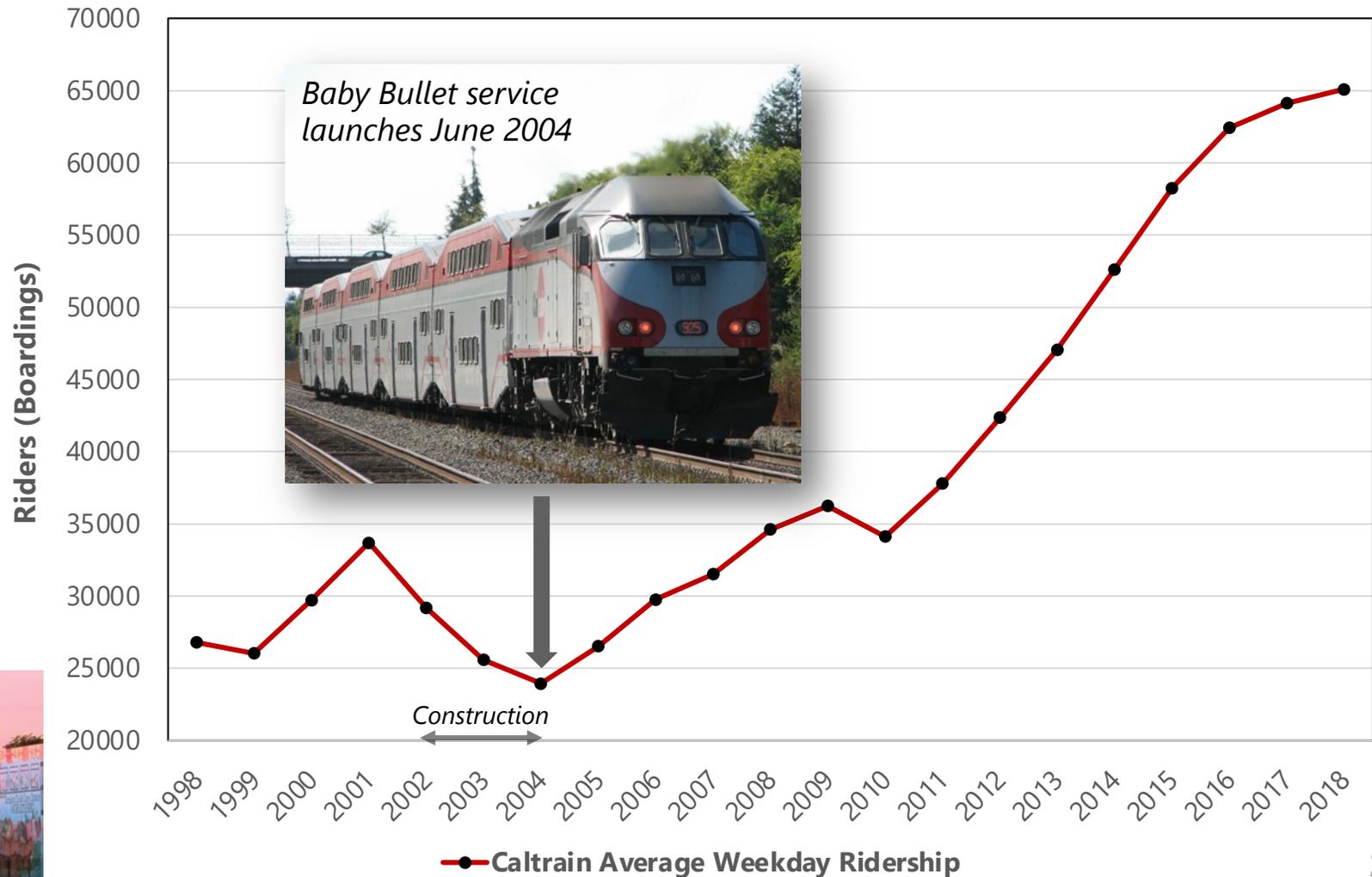
Congestion can be managed, not eliminated.



Influencing travel behavior requires carrots and sticks.



Caltrain Average Weekday Ridership



Influencing travel behavior requires carrots and sticks.

Pros

Cheaper

Environmentally friendly

Waste of time

No traffic stress

Affordable Station Parking

Faster!

Cons

~~Slower~~

Limited Travel Flexibility

Station Access near Work and Home



Pros

~~Faster~~

Travel Flexibility

More Comfortable

Cons

Expensive Gas

Stress

Waste of time

More Greenhouse Gas

Slower!

Our Region is Designed to Favor Driving.



We have transportation problems to solve.



Inequity

How do we address the mistakes of the past?



Funding

How do we get more bang for the buck?

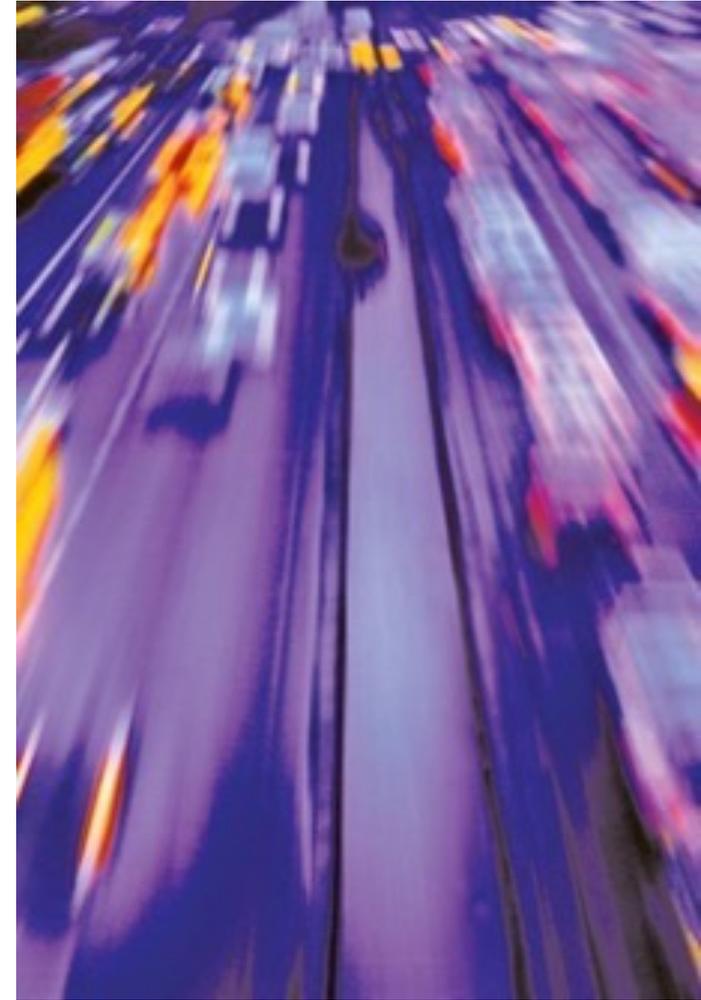


Congestion

How do we move more people more efficiently?



Questions?



POLL

What should be policymakers' **top priorities** when planning for the future of Bay Area freeways?



Efforts to Address Freeway Inequity



Kensington Expressway

Buffalo, New York



Housing Strategies | Plan Bay Area 2050

Build Affordable Housing



Transform Aging Malls & Office Parks



More Mixed Housing



Targeted Financial Assistance



Transportation Strategies | Plan Bay Area 2050

Seamless Mobility



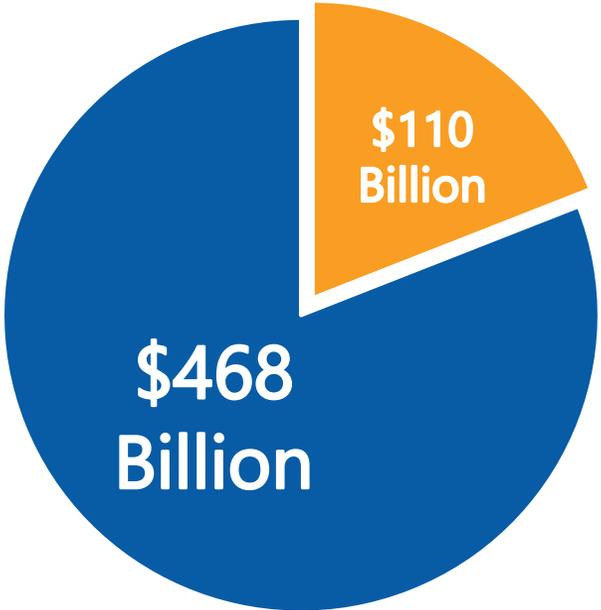
Freeway Tolling



Regional Rail Expansion



TRANSPORTATION



- Funding Gap that Will Require New Revenue Sources
- Funding Covered by Anticipated Revenue Sources

Express Lane/Express Bus Network



Equity-Priority Enhancements



Vision Zero Policy Advancements



Per-Mile Freeway Tolling

*Plan Bay Area 2050
Transportation Strategy #5*



TRANSPORTATION

»»»» Next Gen Freeways





EXIT 26
San Jose
Downtown

EXIT 26
San Jose

EXIT 27
EAST Jackson St
Downtown

EXIT 27
WEST San Mateo
Half Moon Bay
ONLY

160501L
ARAMARK
Uniform Services
www.ARAMARK.com

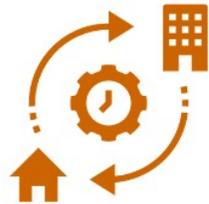
Draft Goals: Next Generation Bay Area Freeways



Affordable. Avoid prohibitive costs on residents.



Efficient. Advance competitive multimodal travel alternatives and reduce traffic congestion.



Reliable. Improve travel time and reliability, prioritizing carpools and public transit.



Reparative. Support community priorities in freeway-adjacent communities impacted by 20th-century transportation policy decisions.



Safe. Promote safer road conditions and improved environmental health.





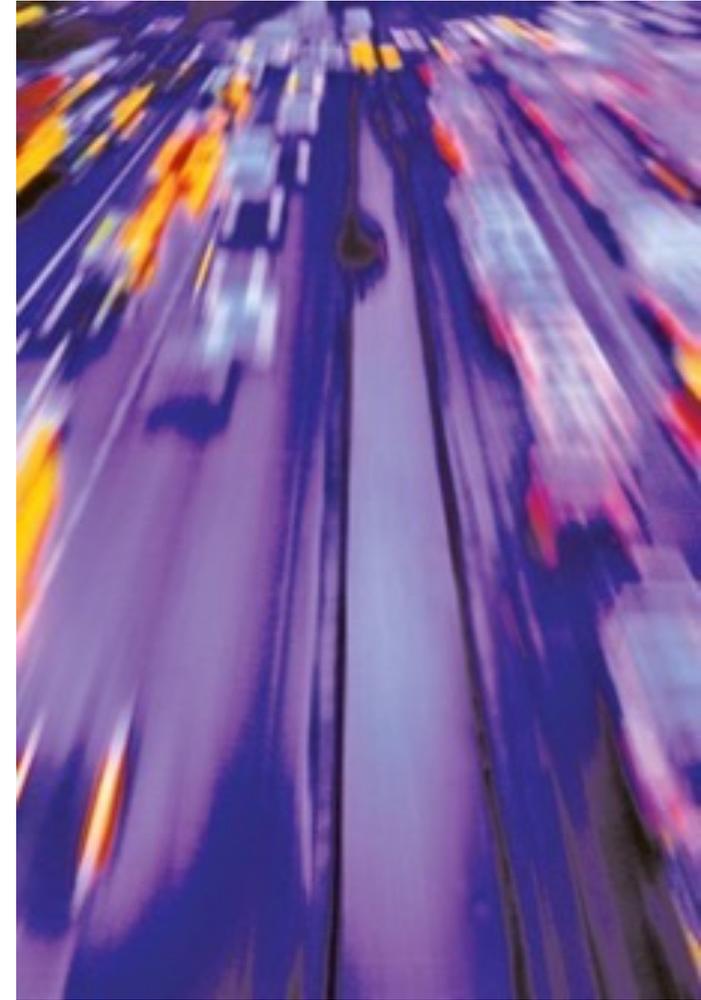
What do you think?

Please complete the questionnaire to provide feedback/comments on the draft goals for the future of Bay Area freeways.





Questions?



Study Timeline

We are here
NOVEMBER 2022



Advisory Bodies

The Study is advised by a staff-level advisory group and ad-hoc executive group that bring together diverse perspectives from both government and non-government organizations



Thank you

Please complete the feedback survey!

Staff Contacts:

*Anup Tapase, Project Manager – Next Generation Bay Area Freeways Study
atapase@bayareametro.gov*

*Dave Vautin, Assistant Director – Major Plans
dvautin@bayareametro.gov*

Learn more: www.MTC.ca.gov/NextGenFreeways

