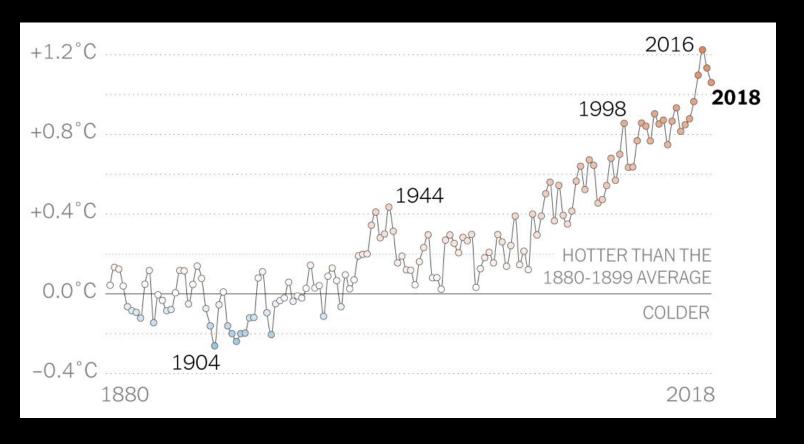


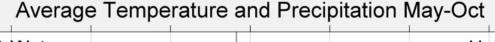


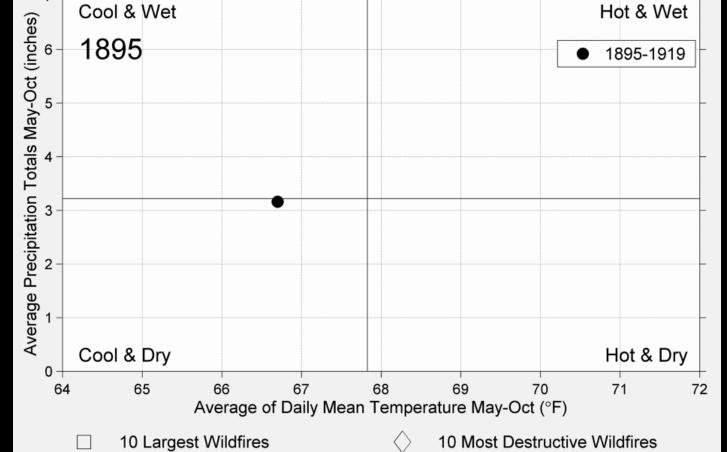
Chris Lepe, Regional Policy Director TransForm



"The five warmest years in recorded history have been the last five, and that 18 of the 19 warmest years have occurred since 2001." It's Official: 2018 Was the Fourth-Warmest Year on Record, By JOHN SCHWARTZ and NADJA POPOVICH FEB. 6, 2019

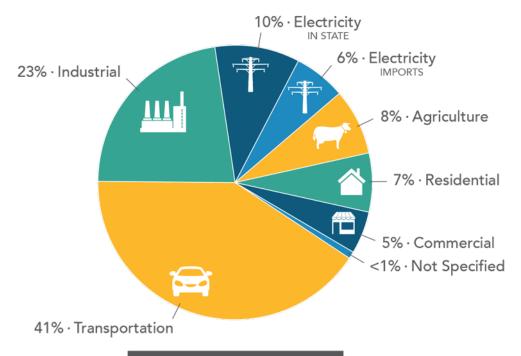
California Fire Season Weather







Transportation is the largest source of Greenhouse Gas in California



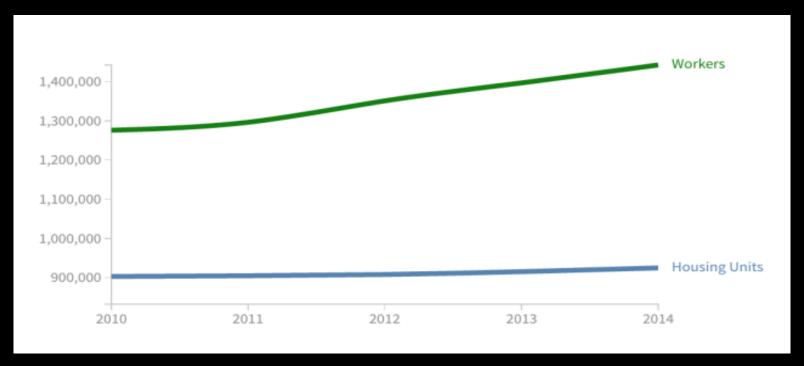
429.4 MMTCO₂e 2016 TOTAL CA EMISSIONS

Source: California Air Resources Board

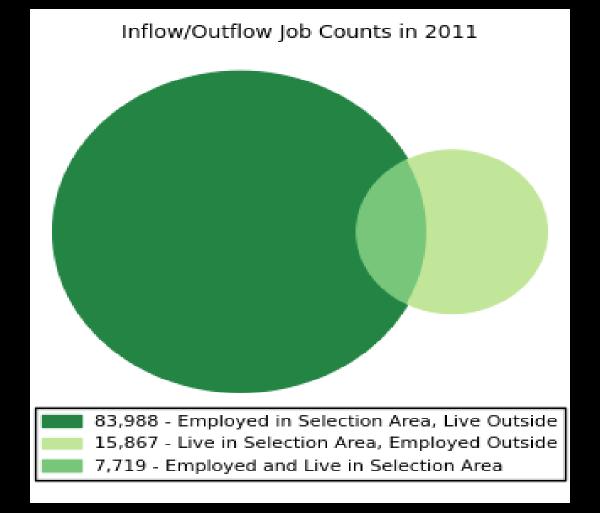


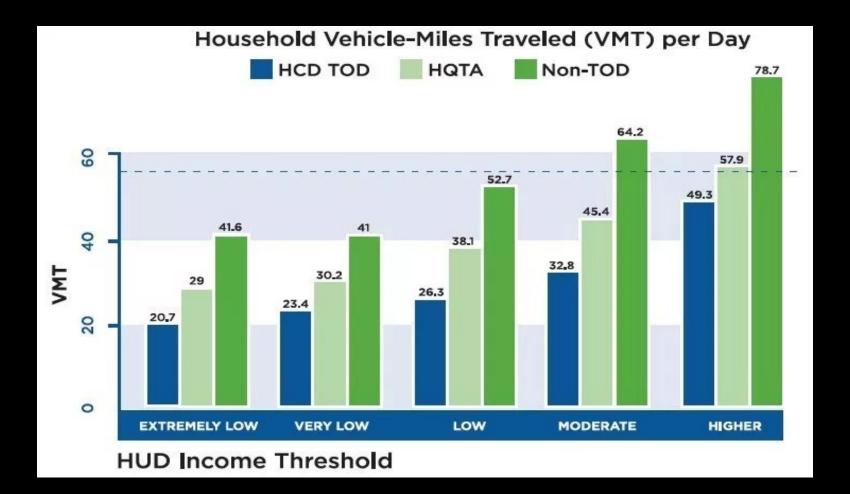


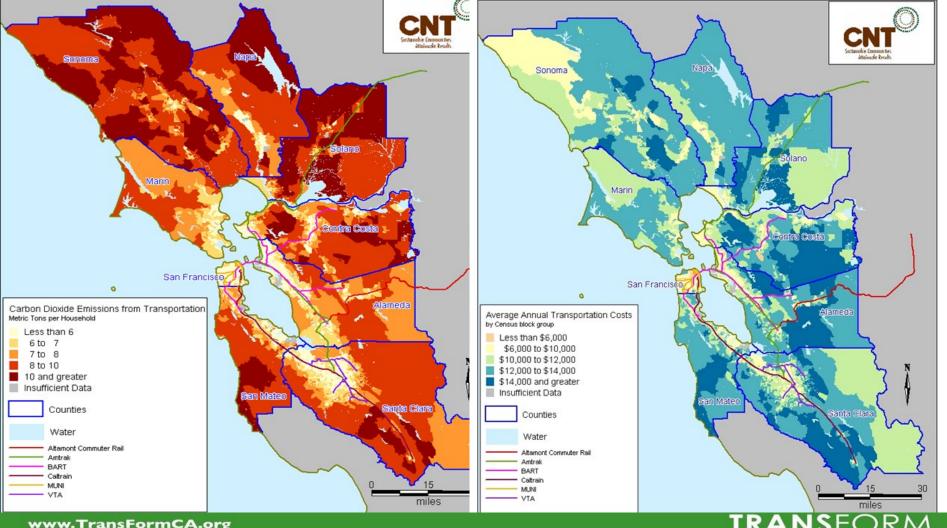
Jobs outpacing housing – 7x more jobs than housing units produced between 2010-2014



In Search of Cheaper Housing, Silicon Valley Workers Face Long Commutes, Jeff Barrera, Peninsula Press, April 7, 2016

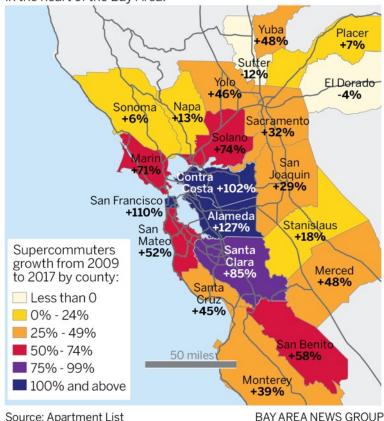






SUPERCOMMUTER BOOM

The number of people with commutes of 90 minutes or more is not just an out-of-town phenomenon; the increase of traffic congestion has made supercommuters of those who live in the heart of the Bay Area.



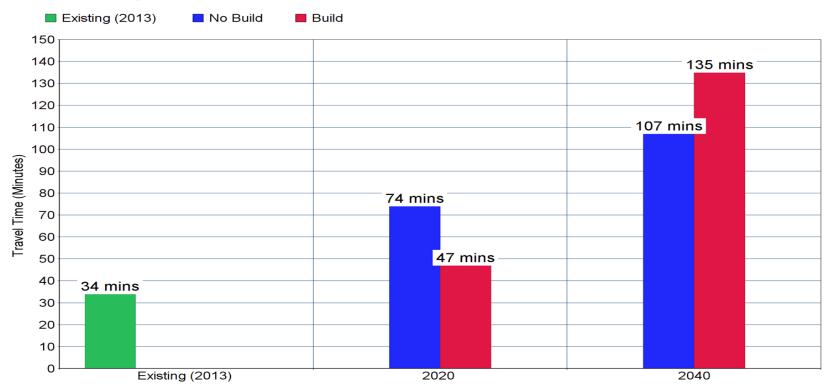
"It's just cheaper to live out here... But it sucks that it's a further commute... I don't have time to exercise or cook meals as often as I would like. So it's a lot of eating out, which also costs more."

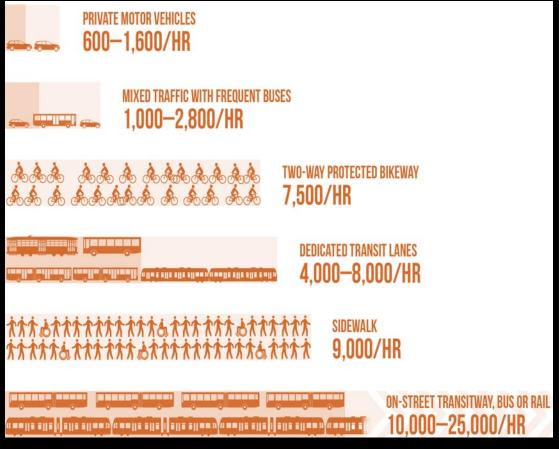
Andrea Aguirre, former Pleasant Hill resident who bought a house in Antioch three years ago and now commutes two hours in each direction to get to her job in San Francisco.

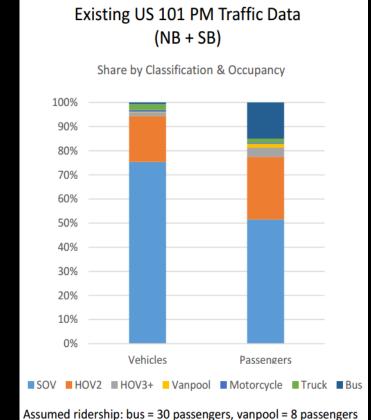
"Bay Area super-commuting growing: Here's where it's the worst", Erin Baldassari, Bay Area News Group, September 11, 2019

2040 Travel Times on US 101 Increase by 2-4x Compared to Today







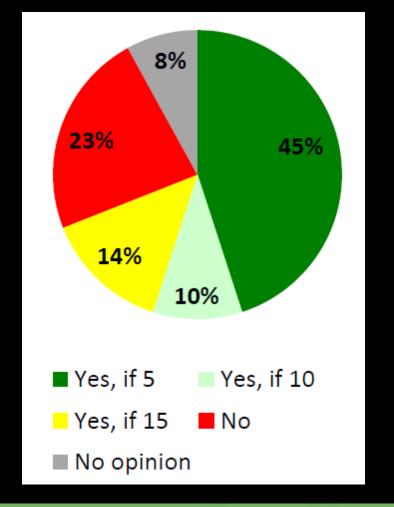


National Association of City Transportation Officials, Transit Street Design Guide

Source: MTC

MTC Managed Lanes Survey

- 71% of respondents currently drive alone.
- Over half of respondents would use an express bus if it was reliably 10 minutes faster than driving.



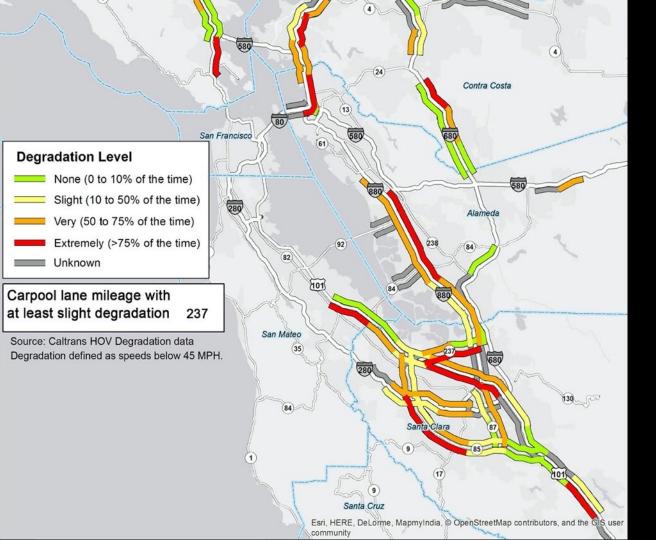


Incomplete regional express bus network with multiple providers

Service varies widely and fluctuates from one year to the next

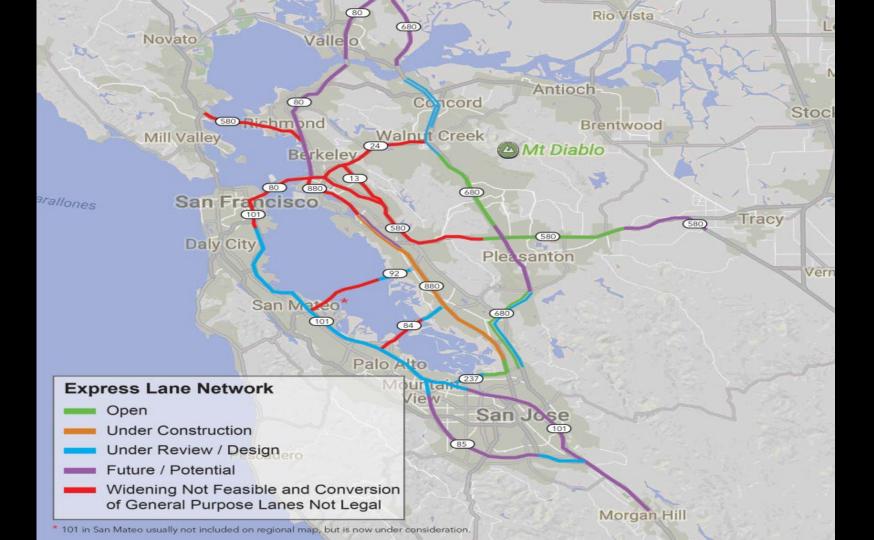
Doesn't function as a network

Incomplete information



Little priority for higher occupancy modes or incentives to take transit/carpool on our highways

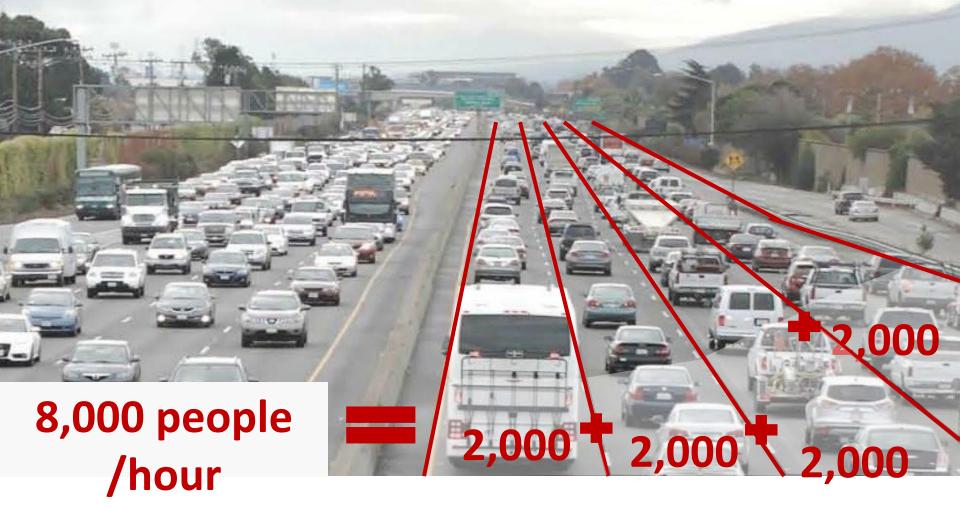
Buses stuck in traffic, even in areas where carpool lanes that do exist

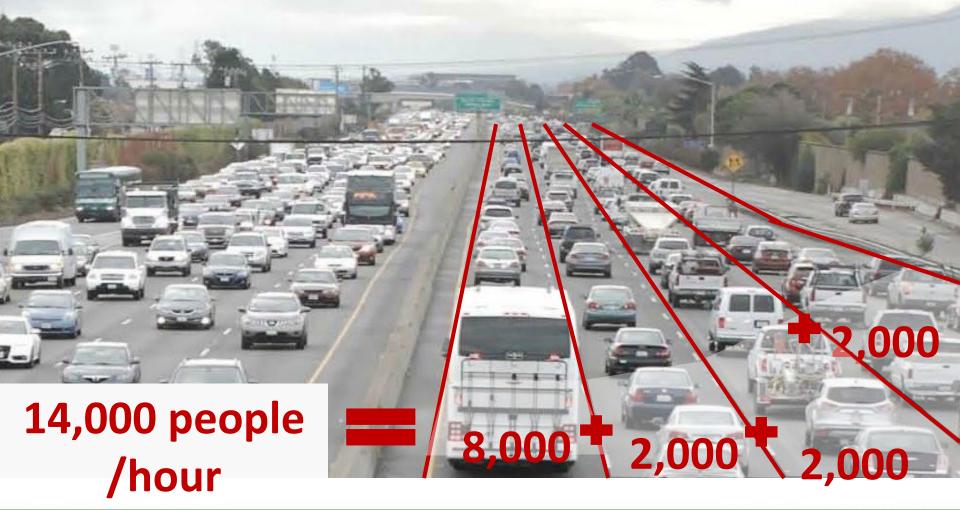


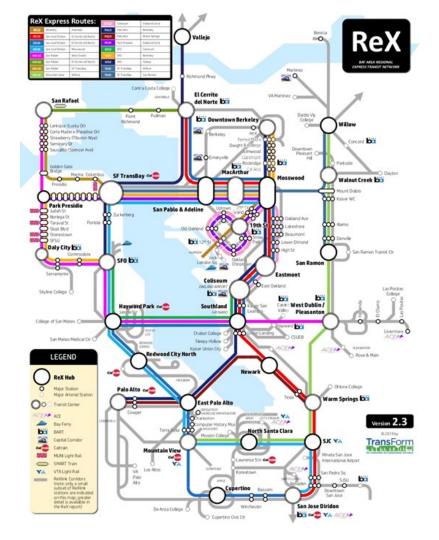
TransForm's Horizon Proposal

Create a seamless express lane network Invest in public transportation and carpool/vanpool/TDM programs to make the most of the lanes Incorporate equity strategies



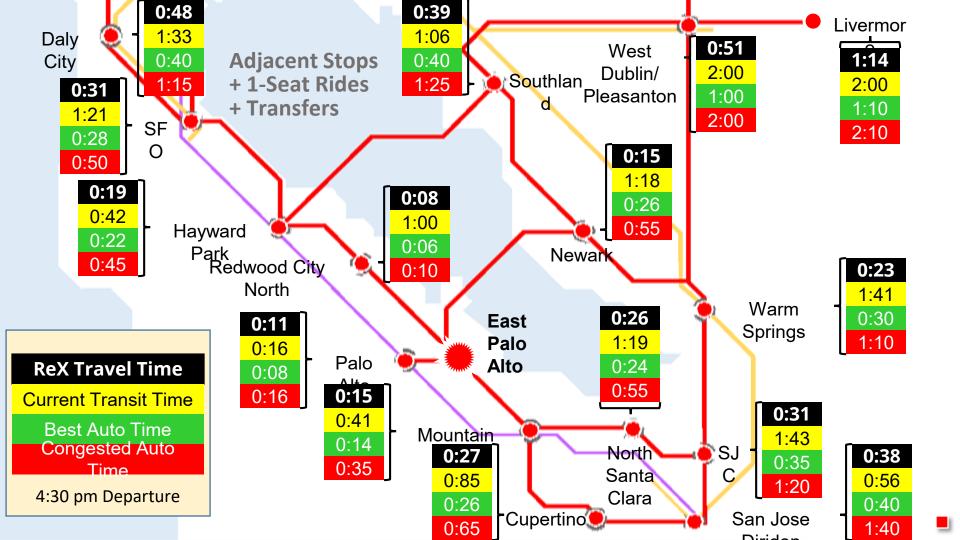




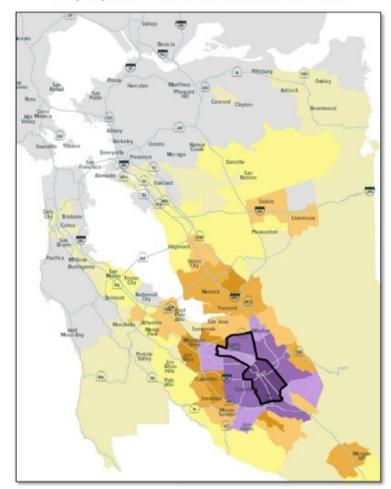




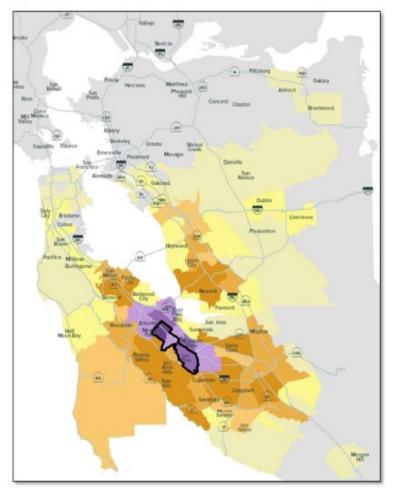


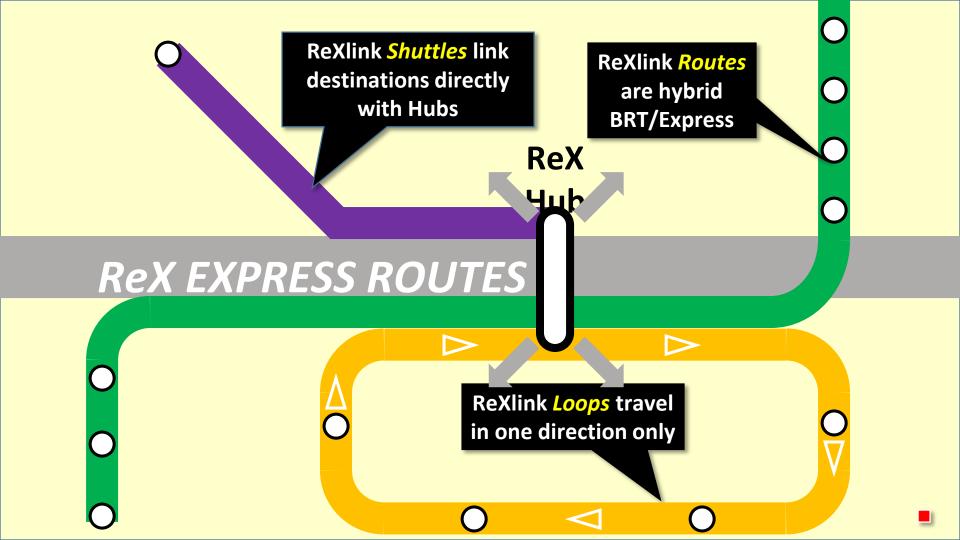


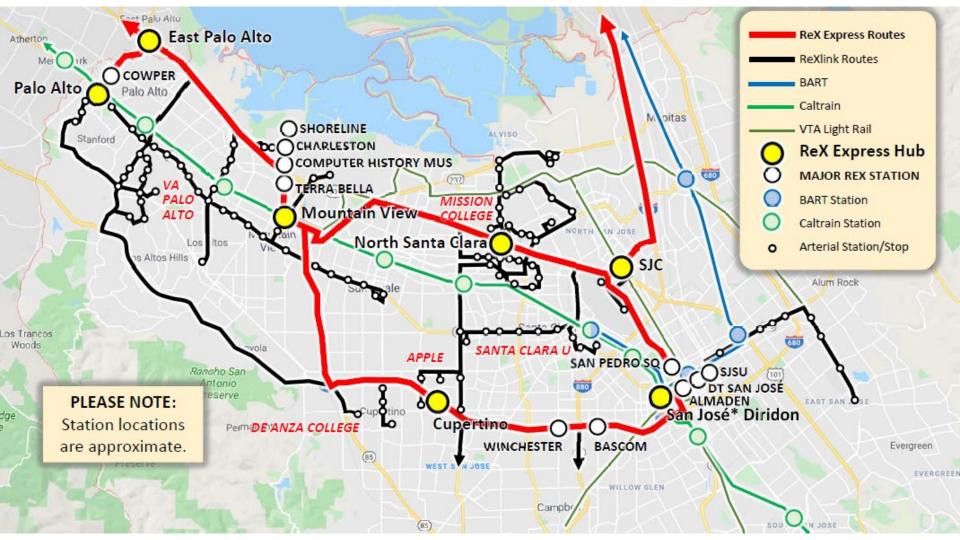
Employment Zone #1: San José Central

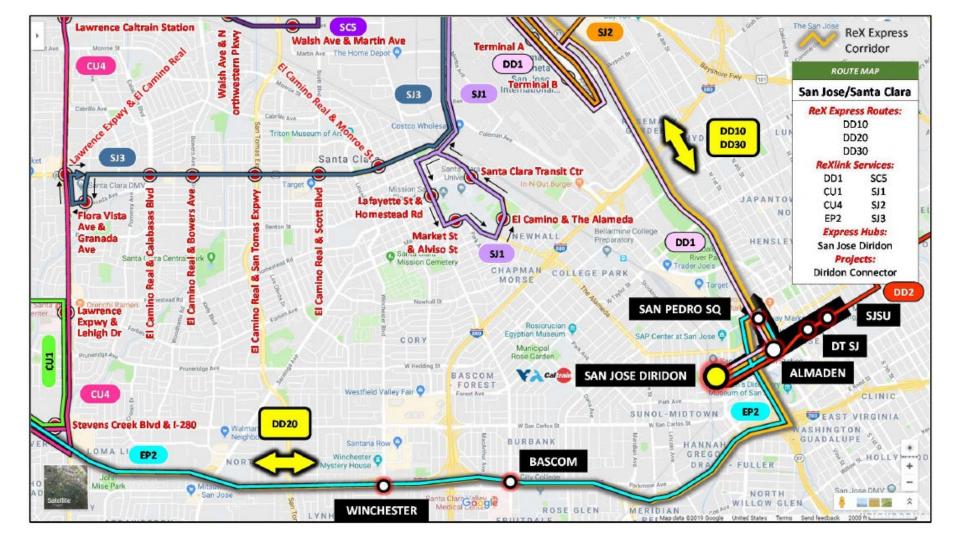


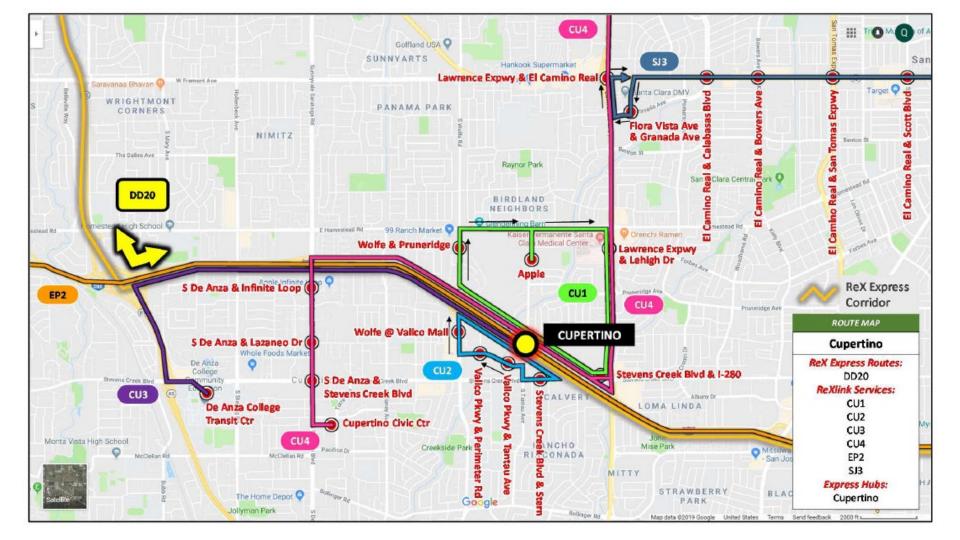
Employment Zone #2: Palo Alto / Stanford / Los Altos

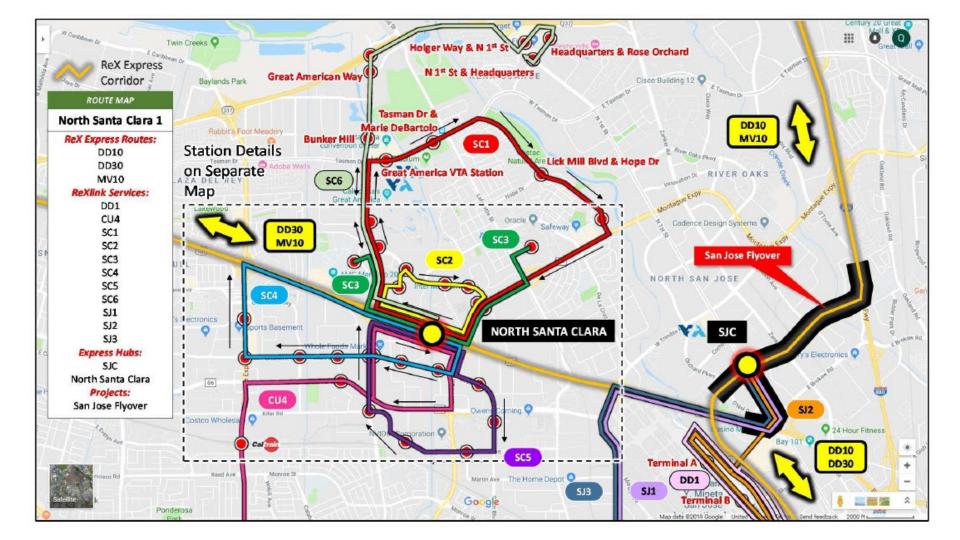


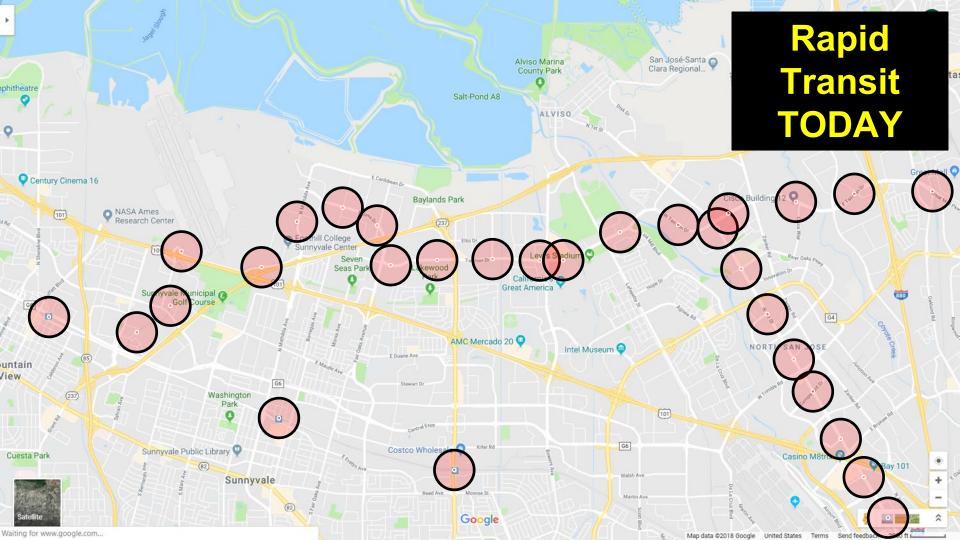








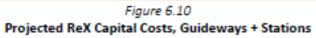








Projected Costs (\$ Millions)							
Type of Guideway	Miles		\$/mi.		Base		High
Bored Tunnel	1.0	\$	373	\$	382	\$	611
Cut-and-Cover Tunnel	17.3	\$	299	\$	5,158	\$	8,253
Surface - New	10.0	\$	27	\$	268	\$	429
Surface - Repurposed	6.4	\$	4	\$	29	\$	46
Elevated	19.1	\$	119	\$	2,280	\$	3,648
Subtotal	53.8			\$	8,117	\$	12,986
Type of Station	Number						
Hubs	30			\$	1,020	\$	1,020
Non-Hubs	622			\$	1,067	\$	1,067
Subtotal	652			\$	2,087	\$	2,087
Additional	Number						
Vehicles	994			\$	994	\$	994
Garages & Offices	5+1			\$	1,400	\$	1,400
Subtotal				\$	2,394	\$	2,394
TOTAL				\$	12,598	\$	17,467







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