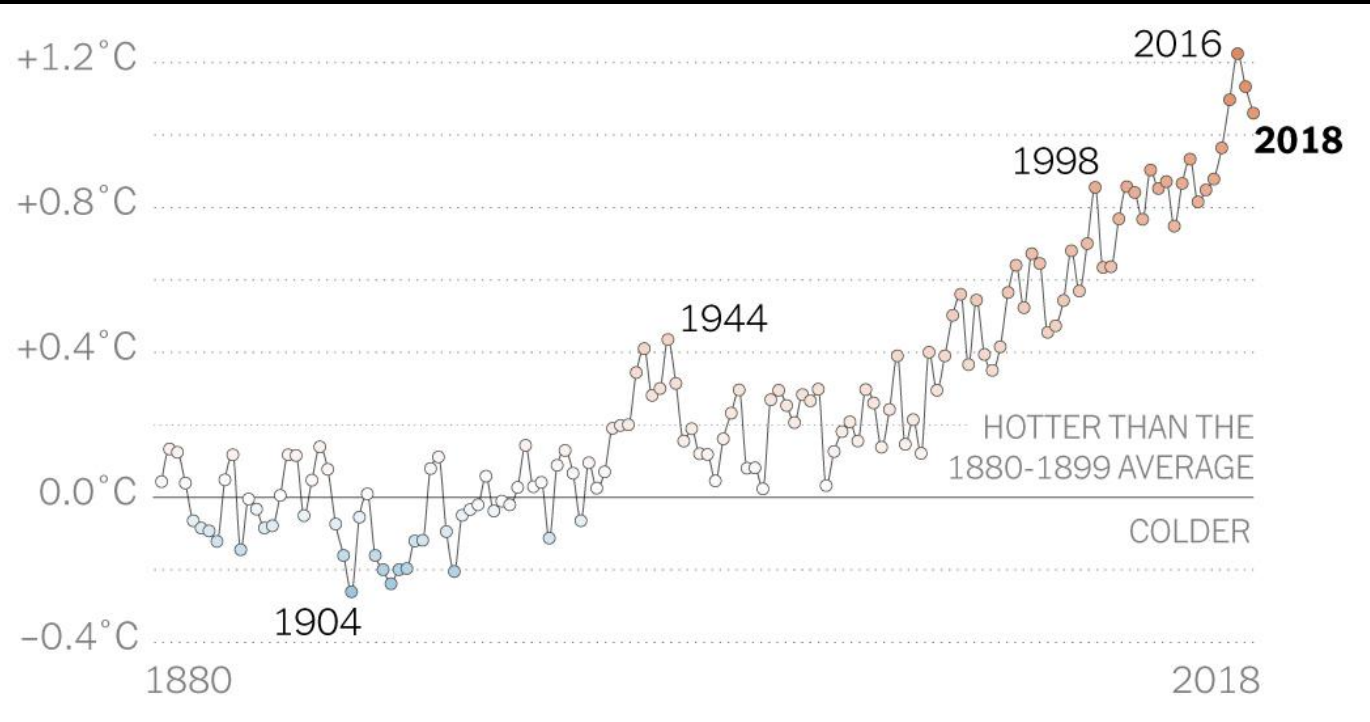


# Horizon - Regional Express (Rex) Transit Network Proposal

Cities Association of Santa Clara County  
November 14, 2019



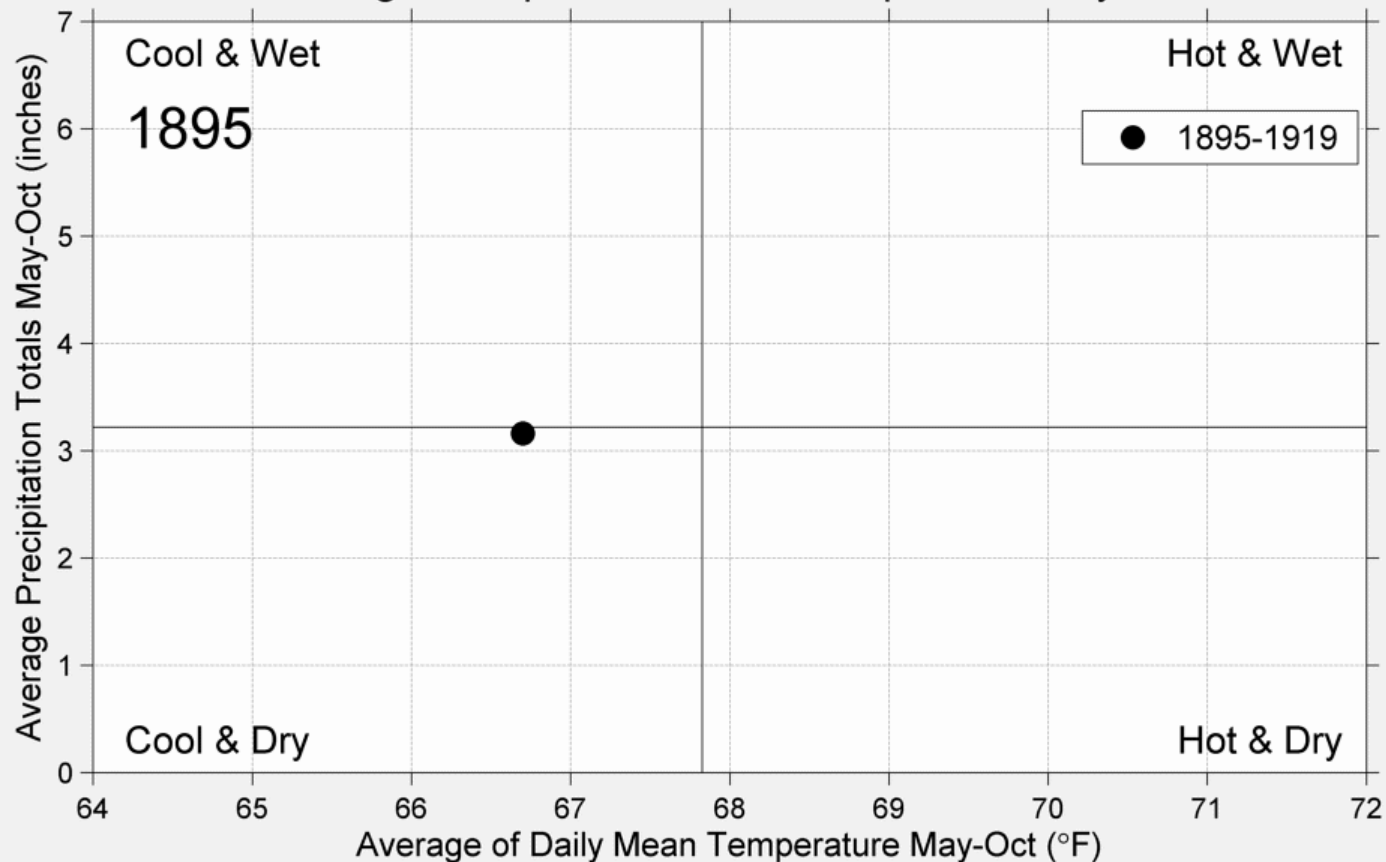
Chris Lepe, Regional Policy Director  
Transform



“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

Average Temperature and Precipitation May-Oct

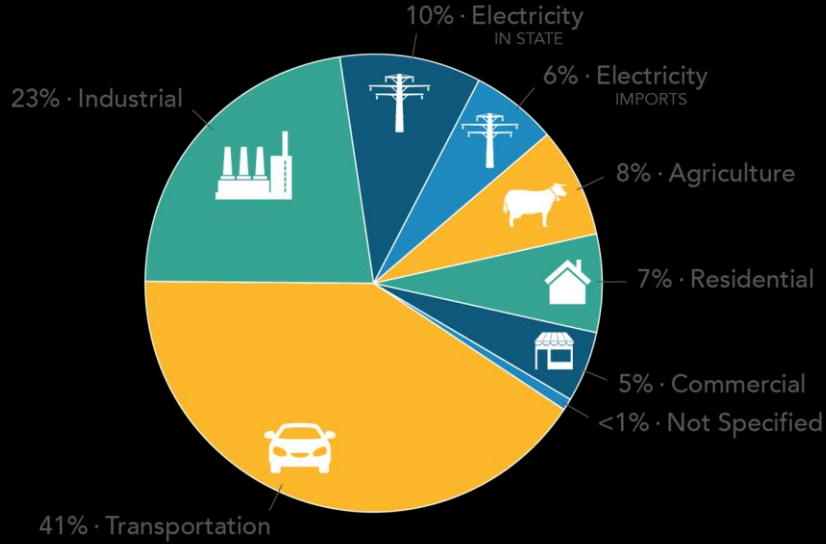


□ 10 Largest Wildfires

◇ 10 Most Destructive Wildfires



# Transportation is the largest source of Greenhouse Gas in California



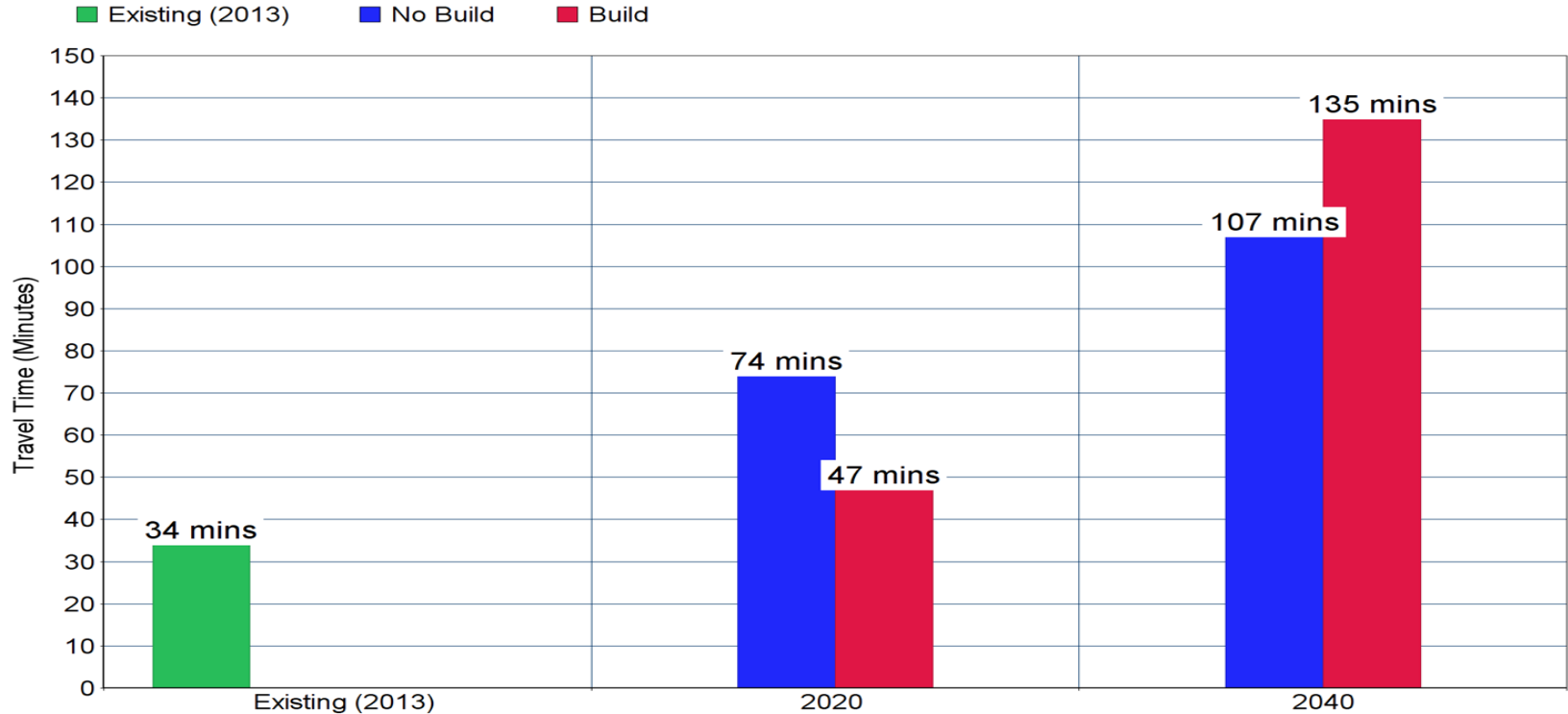
429.4 MMTCO<sub>2</sub>e  
2016 TOTAL CA EMISSIONS

Source: California Air Resources Board



# 2040 Travel Times Increase by 2-4x Compared to Today

Figure 1 - Northbound 9:30 AM. San Antonio Rd. to I-380 -- 22.7 miles







PRIVATE MOTOR VEHICLES  
600–1,600/HR



MIXED TRAFFIC WITH FREQUENT BUSES  
1,000–2,800/HR



TWO-WAY PROTECTED BIKEWAY  
7,500/HR



DEDICATED TRANSIT LANES  
4,000–8,000/HR

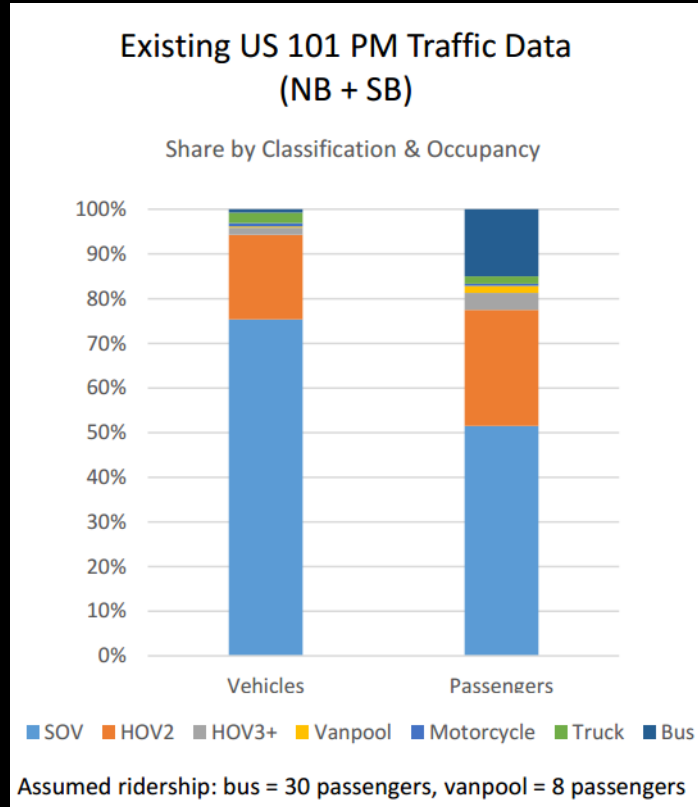


SIDEWALK  
9,000/HR



ON-STREET TRANSITWAY, BUS OR RAIL  
10,000–25,000/HR

# 3% of Vehicles Carry Over 20% of People



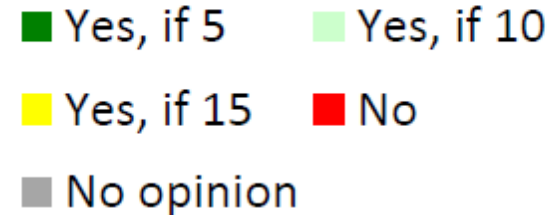
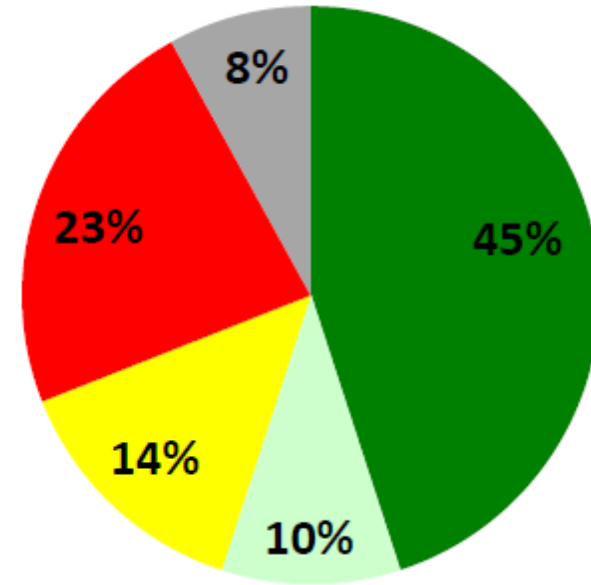
Source: MTC

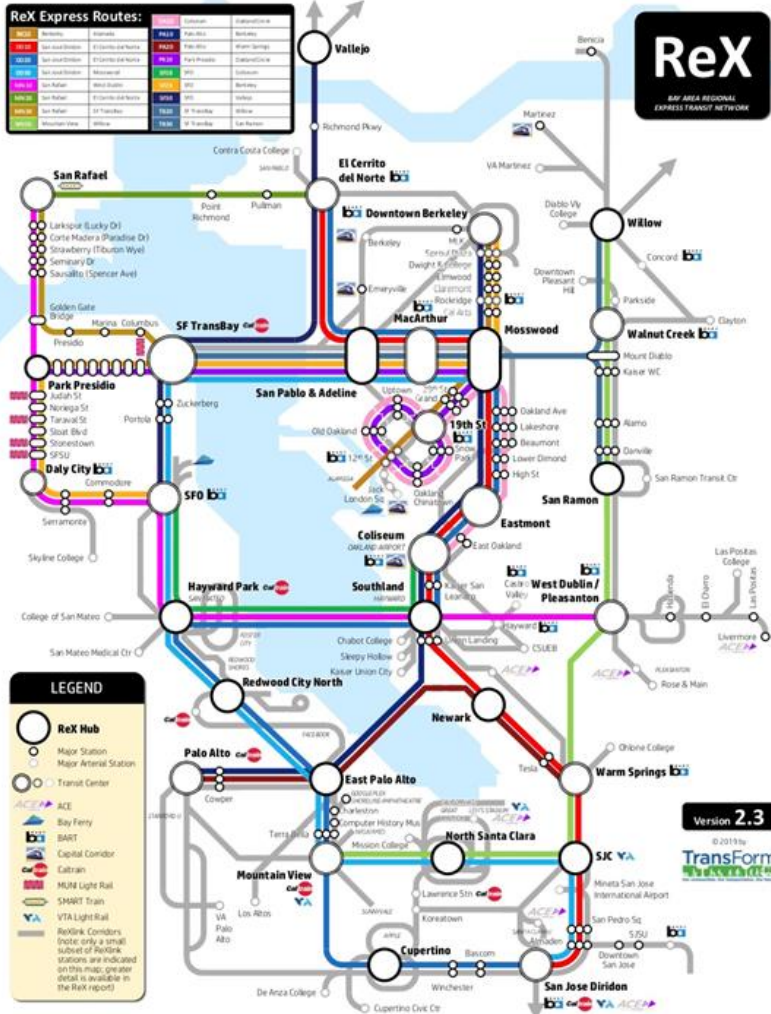


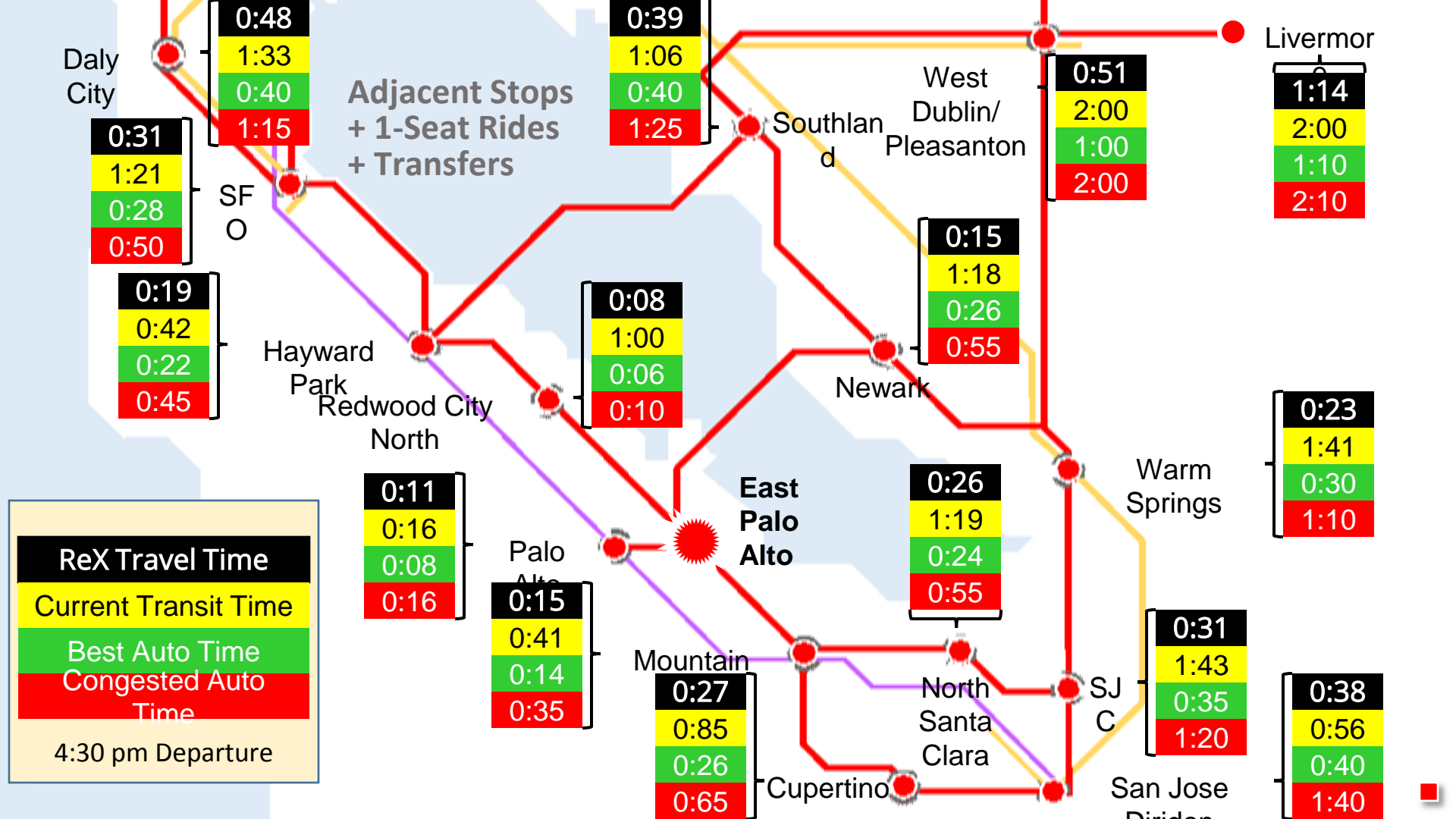


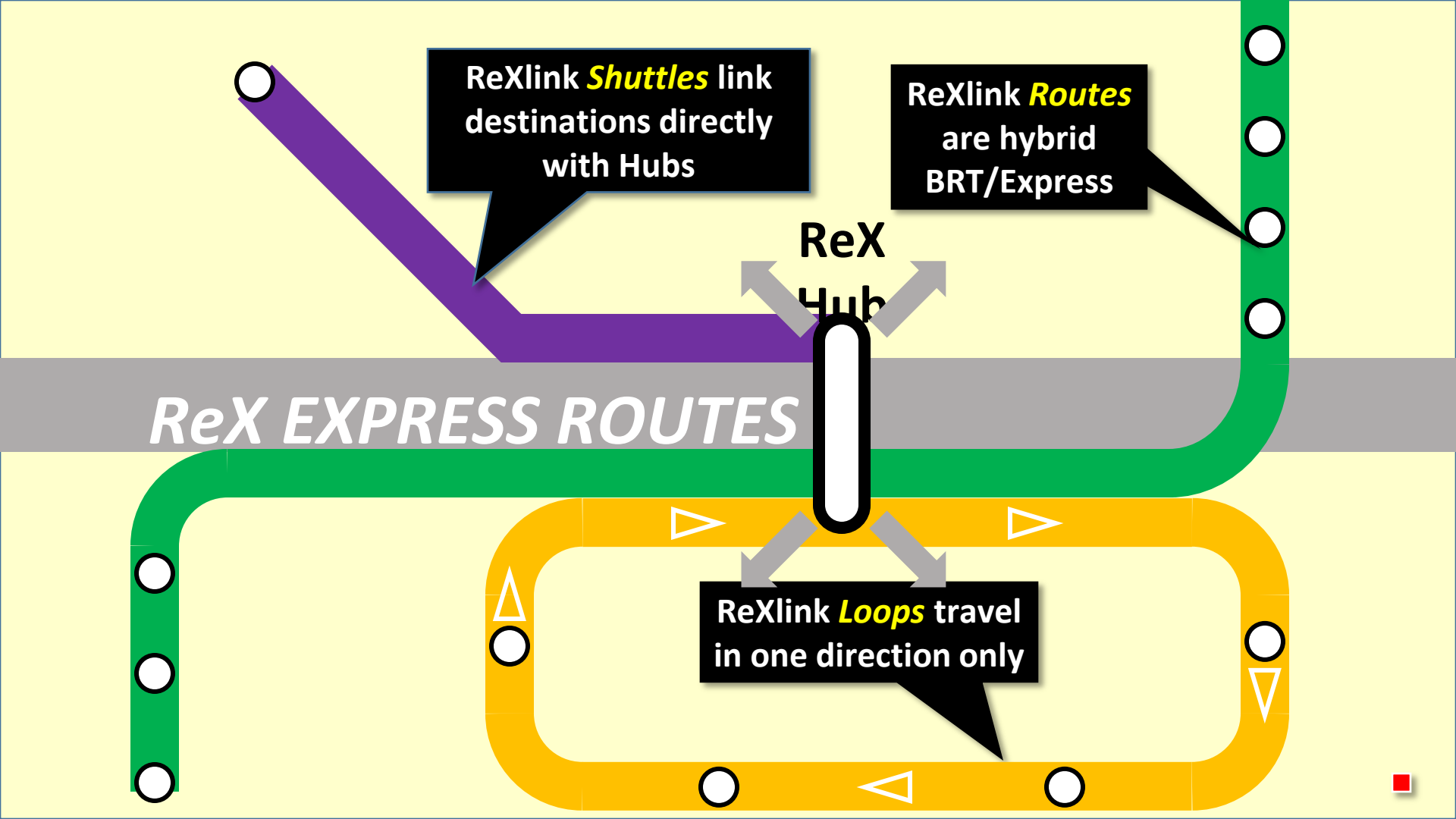
# MTC Managed Lanes Survey

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









ReXlink *Shuttles* link destinations directly with Hubs

ReXlink *Routes* are hybrid BRT/Express

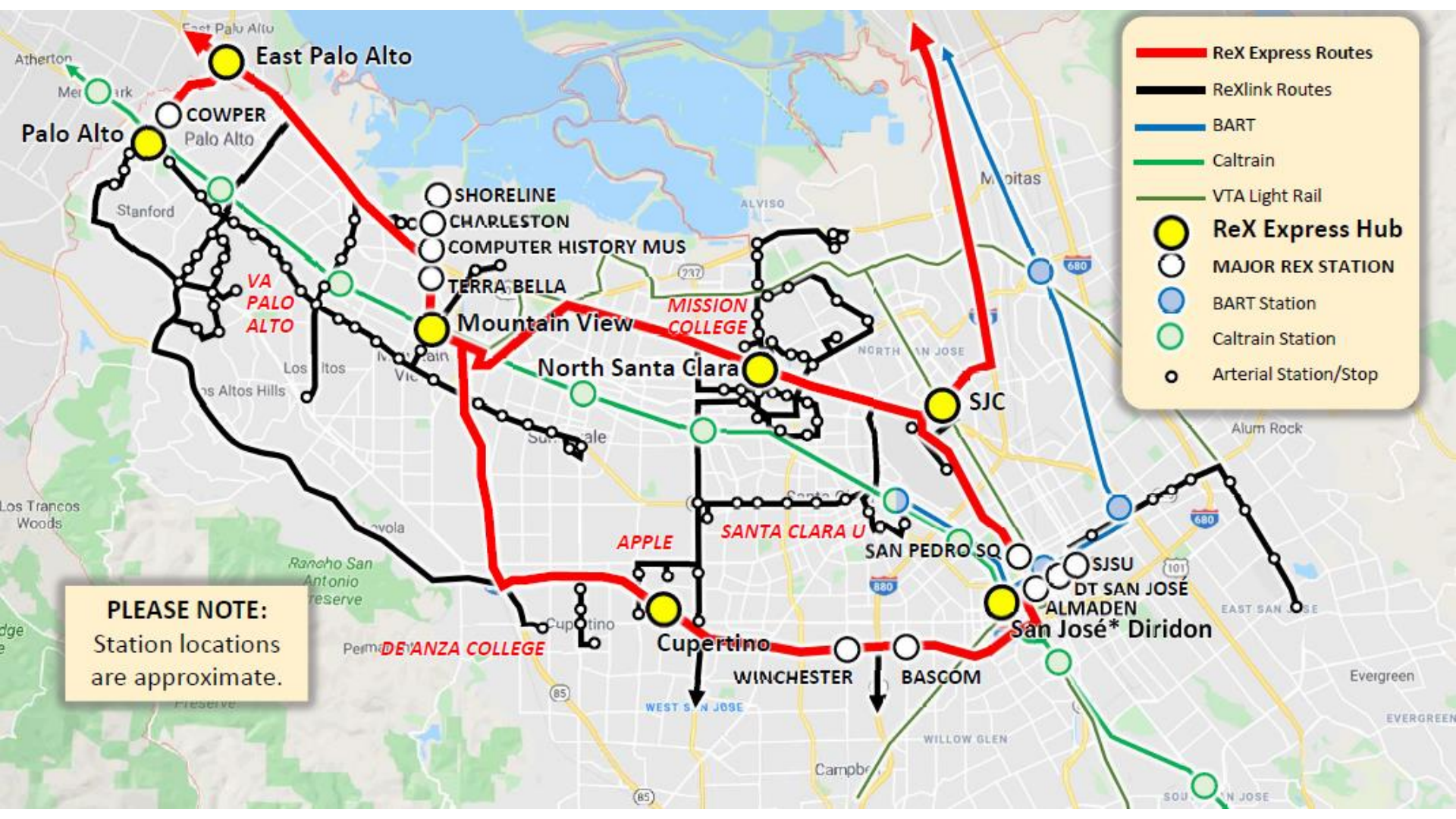
ReX Hub

ReX EXPRESS ROUTES

ReXlink *Loops* travel in one direction only







- ReX Express Routes
- ReXLink Routes
- BART
- Caltrain
- VTA Light Rail
- ReX Express Hub
- MAJOR REX STATION
- BART Station
- Caltrain Station
- Arterial Station/Stop

**PLEASE NOTE:**  
Station locations are approximate.

**East Palo Alto**

**Palo Alto**

Stanford

VA PALO ALTO

Los Altos Hills

Los Trancos Woods

Rancho San Antonio Reserve

Perma

Preserve

SHORELINE  
CHARLESTON  
COMPUTER HISTORY MUS  
TERRA BELLA

**Mountain View**

Los Altos

Los Altos Hills

Los Altos

Los Altos Hills

Los Altos Hills

Los Altos Hills

Los Altos Hills

Los Altos Hills

Los Altos Hills

MISSION COLLEGE

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

North Santa Clara

APPLE

SANTA CLARA U

SAN PEDRO SQ

Cupertino

WINCHESTER

BASCOM

WEST SAN JOSE

WEST SAN JOSE

SJC

SJC

SJC

SJC

SJC

SJC

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SJSU

DT SAN JOSÉ

ALMADEN

San José\* Diridon

San José\* Diridon

San José\* Diridon

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Alum Rock

Evergreen

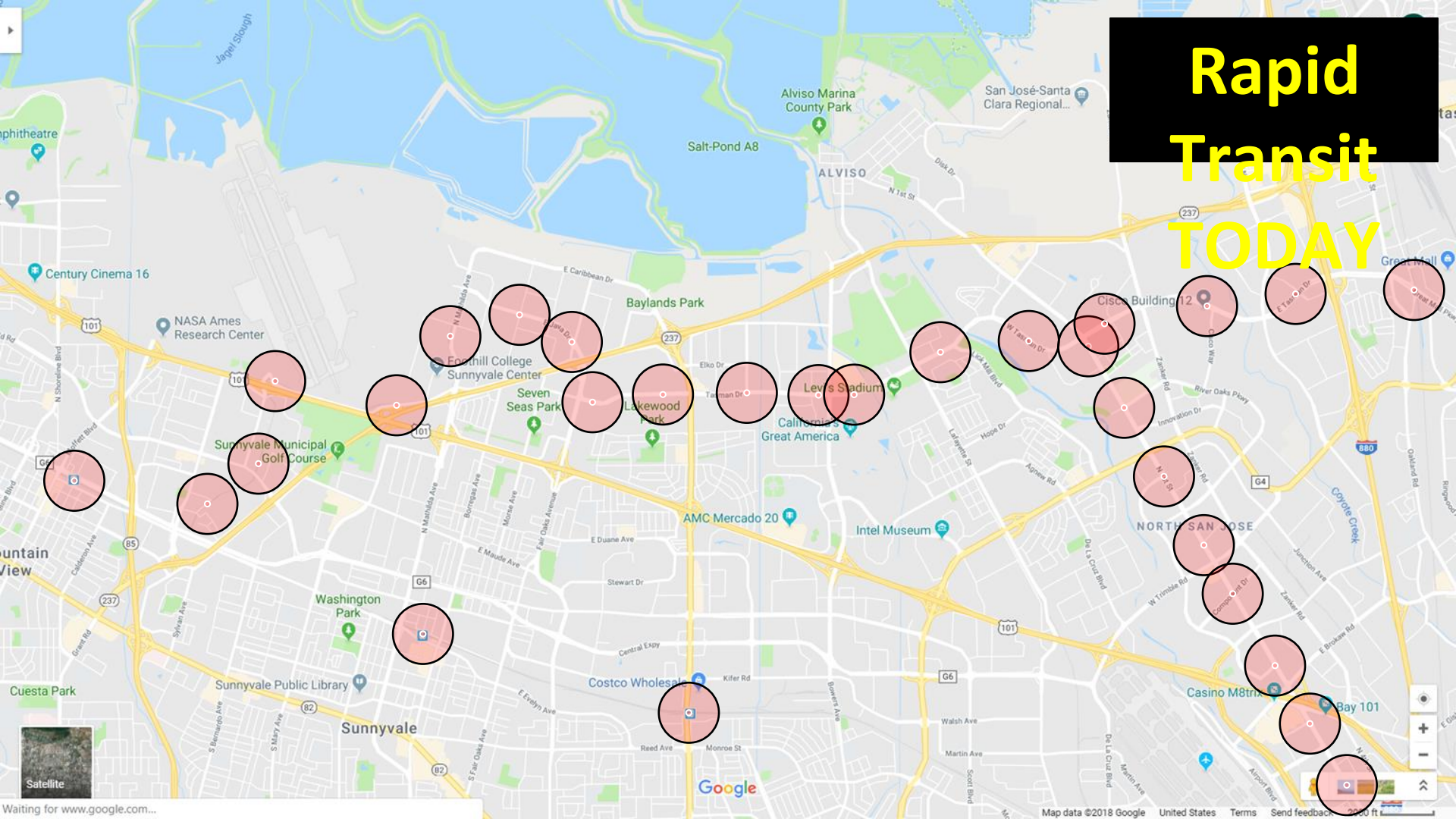
Evergreen

Evergreen

Evergreen

Evergreen

# Rapid Transit TODAY





# Rapid Transit TODAY



# Rapid Transit ReX & ReXlink



Map

Google





**Chris Lepe**

Regional Policy Director

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