

# Mobility Task Force - Meeting #5

AGENDA		
1.	Call to Order	Chair
2.	Roll Call	Chair
3.	Approval of Meeting Minutes	Chair
4.	Scheduled Items	
	4a. Schedule Updates	David Fields
	4b. I-880 to Mission Blvd East-West Connector Project	Hans Larsen
	4c. Community Outreach Plan	Ben Gettleman Magnus Barber
5.	Summary and Next Steps	David Fields
6.	Public Comment	Chair
7.	Adjournment	Chair

Mobility Task Force  
March 15, 2018



# Approval of Meeting Minutes

Task Force Meeting #	Date
1	October 19, 2017
2	December 7, 2017
3	January 18, 2018
4	February 15, 2018

# Schedule and Work Plan Update

Date	Meeting	Major Topics
March 15	Task Force Meeting #5	Refine Community Outreach Plan, Key Messages, and Contents
April 3 	City Council Work Session	Progress Update and Preview of Outreach Program
April 19	Task Force Meeting #6	Preview and Training on Outreach Program
May 17	Task Force Meeting #7	Review Initial Community Feedback and Brainstorm Mobility Improvement Actions and Priorities
June 21	Task Force Meeting #8	Review Final Community Feedback and Refine Mobility Improvement Actions and Priorities
July, August	Task Force Summer Recess	Stakeholder Coordination by Staff and Consultants (ACTC, MTC, Caltrans, BART, AC Transit, Legislative Representatives and Supportive Advocates)
September, October	Task Force Meeting #9, #10	Review and Refine Draft Mobility Action Plan
Late 2018 Early 2019	City Council Work Session and Council Meeting	Review and Approve Mobility Action Plan

# Update on East-West Connector Project



- Originally planned as 6-lane freeway (1958)
- Part of 1986 Measure B
- 2007 agreement between Fremont, Union City, Caltrans, ACTC to “downsize” project
- Part of 2014 Measure BB
- Current construction cost is \$320M
- ACTC / Union City Funding and Delivery Strategy/Options
  - A. Build
  - B. No-Build
  - C. Defer (defer decision on funding until project is ready for construction in 2020)
- Policy actions by Union City (Feb 2018) and ACTC (Mar 2018)

# Community Outreach Program

- April 20 thru June 20
- City Promotional Efforts
- In-person Engagement Opportunities
- Online Engagement Platform
- Informal Engagement by Task Force Members

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March 15, 2018



# City Promotional Efforts

Date	Media
March 28	Mayor's State of the City Address
Early April	Distribution of Spring Issue of Citywide Newsletter - alert
May - June	City news briefs, website, social media Fremont Unified School District Digest Spring Newsletter
Mid-June	Distribution of Summer Issue Citywide Newsletter - reminder

# In-Person Engagement Opportunities

Date	Events
April 20 7:30 am	Ohlone College President Advisory Committee, Newark Campus (City Staff)
April 21 11 am – 3 pm	Booth at the Earth Day Event, Washington Hospital (Nelson\Nygaard, Mobility Task Force, City Staff) 
May 14 10:30 pm – 2 pm	Community Workshop at the Senior Center (Nelson\Nygaard, Mobility Task Force, City Staff) 
May (tbd)	Booth at Town Fair Plaza, Downtown (Mobility Task Force, City Staff)
May 19 10:00 am – 3 pm	Booth at Kids and Kite Festival, Central Park (Mobility Task Force, City Staff) 
June 4 8-9:30 am	“Tea with Task Force”, Philz Coffee (Mobility Task Force and City Staff) 
August 4 – 5 10 am – 6 pm	Festival of Arts, Downtown (Mobility Task Force and City Staff)

# Circulate Sign-up Sheet

MOBILITY ACTION PLAN		
In-Person Engagement Opportunities		
Event	Task Force Member Name	
<b>City Council Work Session</b> Tuesday, April 3 5:30 pm City Council Chambers 3300 Capitol Avenue	#1.	
	#2.	
	#3.	
	#4.	
	#5.	
	#6.	
	#7.	
<b>Earth Day</b> Saturday, April 21 10:00 am to 3:00 pm Washington Hospital 2000 Mowry Avenue	10:00 am - 12:00 pm	
	11:30 am - 1:30 pm	
	1:00 pm - 3:00 pm	
<b>Community Workshop</b> Monday, May 14	10:30 am - 12:00 pm	

# Online Engagement Platform

# Mobility Action Plan

A community-developed 5-year plan for regional advocacy and local action to relieve traffic congestion, improve multimodal local circulation, reduce major traffic crashes, and adapt to new transportation technologies.



Mobility Task Force  
March 15, 2018

# Summary of Topics

1. Silicon Valley's Extreme **Jobs/Housing Imbalance**
2. Fremont's Triple Tidal **Wave of Traffic**
3. The Dilemma of **Navigation Apps**
4. **Regional Transportation Projects** Provide Hope on the Horizon
5. Fremont's Move Toward **Modern Multimodal Mobility**
6. Zeroing in on **Traffic Safety**
7. Preparing for a SEA Change -- **Future Transportation Will Be "Shared, Electric and Automated"**

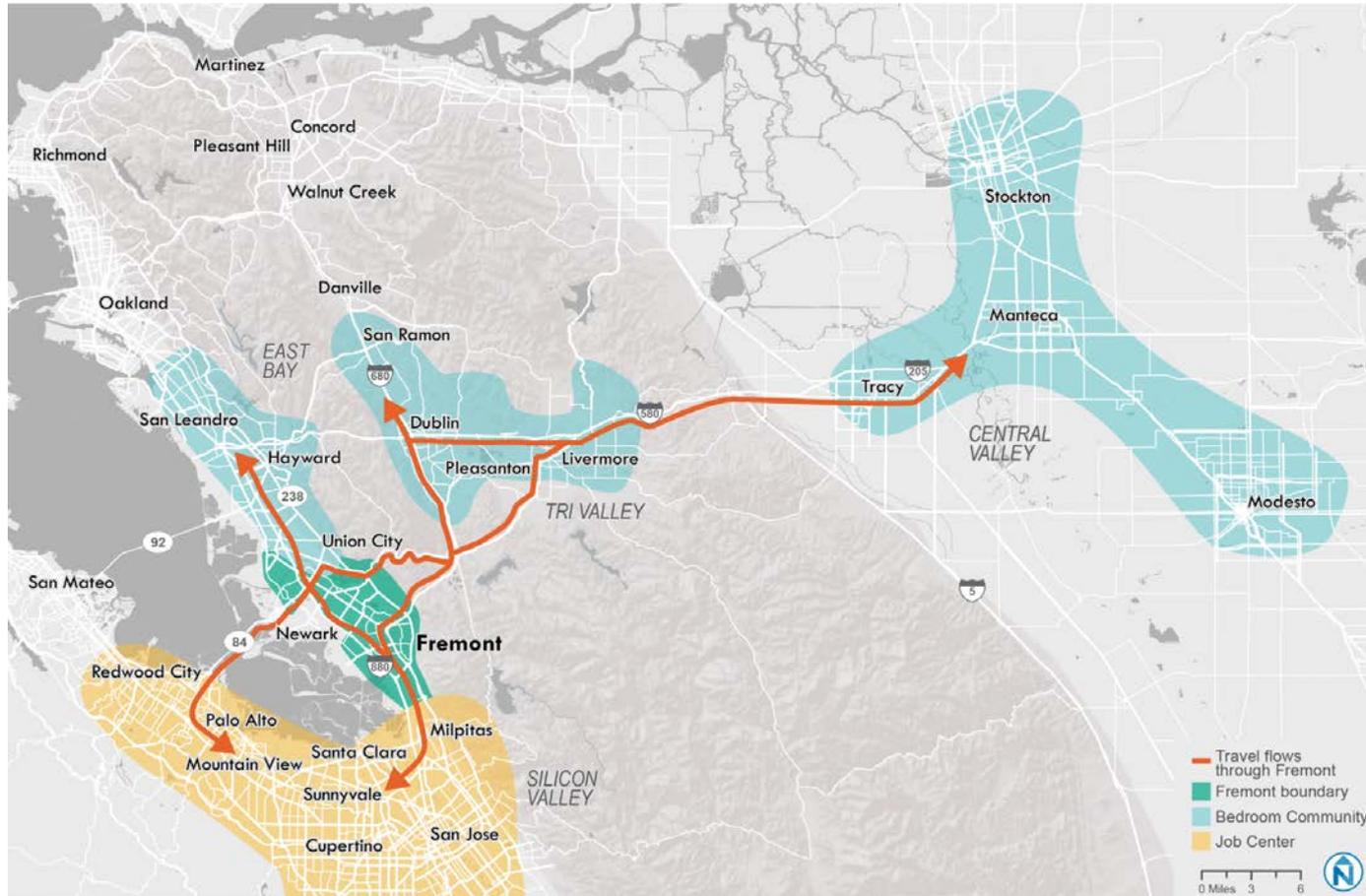
# Silicon Valley's Extreme Jobs/Housing Imbalance



# Mobility is impacted by where we work and live.



Silicon Valley has significantly more jobs than households, creating long commutes through Fremont from the East Bay, Tri-Valley, and Central Valley.





# Did you know?

- Over the past 4 years, Silicon Valley has added 152,000 new jobs and only approved 28,000 new housing units.
- The Silicon Valley cities with the most extreme imbalance of jobs to households are Palo Alto and Santa Clara.
- There are 65,000 daily commuters from San Joaquin County into the Bay Area.
- California cities now face significant financial penalties if they do not approve new housing, including affordable housing.



# For more information...

- The Metropolitan Transportation Commission MTC Plan Bay Area and “housing crisis” perspective
- Joint Venture Silicon Valley in their **2018 Silicon Valley Index Report** says that “the housing crunch is a factor in the rise of cross-county commuting and has created confounding amounts of traffic congestion.” Read more here ([Link](#))
- Articles on new State housing laws and identification of cities not meeting goals for housing and affordable housing



# Give us your input.

- Should there be development controls and incentives in Silicon Valley to better balance land uses to reduce the distance of travel between jobs and housing? (Y/N)
- If so, should it aim for:
  - Fewer jobs? (Y/N)
  - More housing? (Y/N)
- What ideas do you have to better balance jobs and housing?

# Fremont's Triple Tidal Wave of Traffic



# Daily waves of regional commuter traffic pass through Fremont in three main corridors.



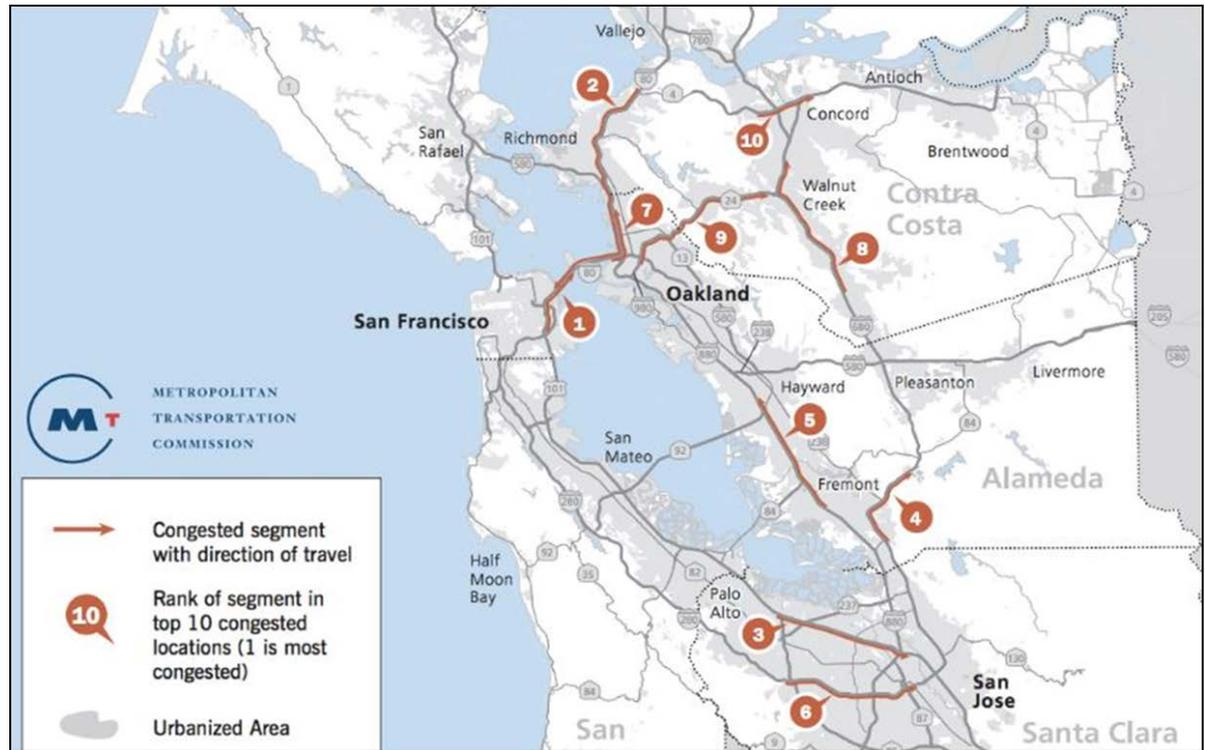
Traffic congestion “hot spots” occur when traffic funnels towards Dumbarton Bridge, Niles Canyon, Sunol Grade, and the Silicon Valley job center.





# Did you know?

I-880 and I-680 (Sunol Grade) are two of the most congested highways in the Bay Area



# For more information...



Link to MTC Congested Highways Report

# Give us your input.



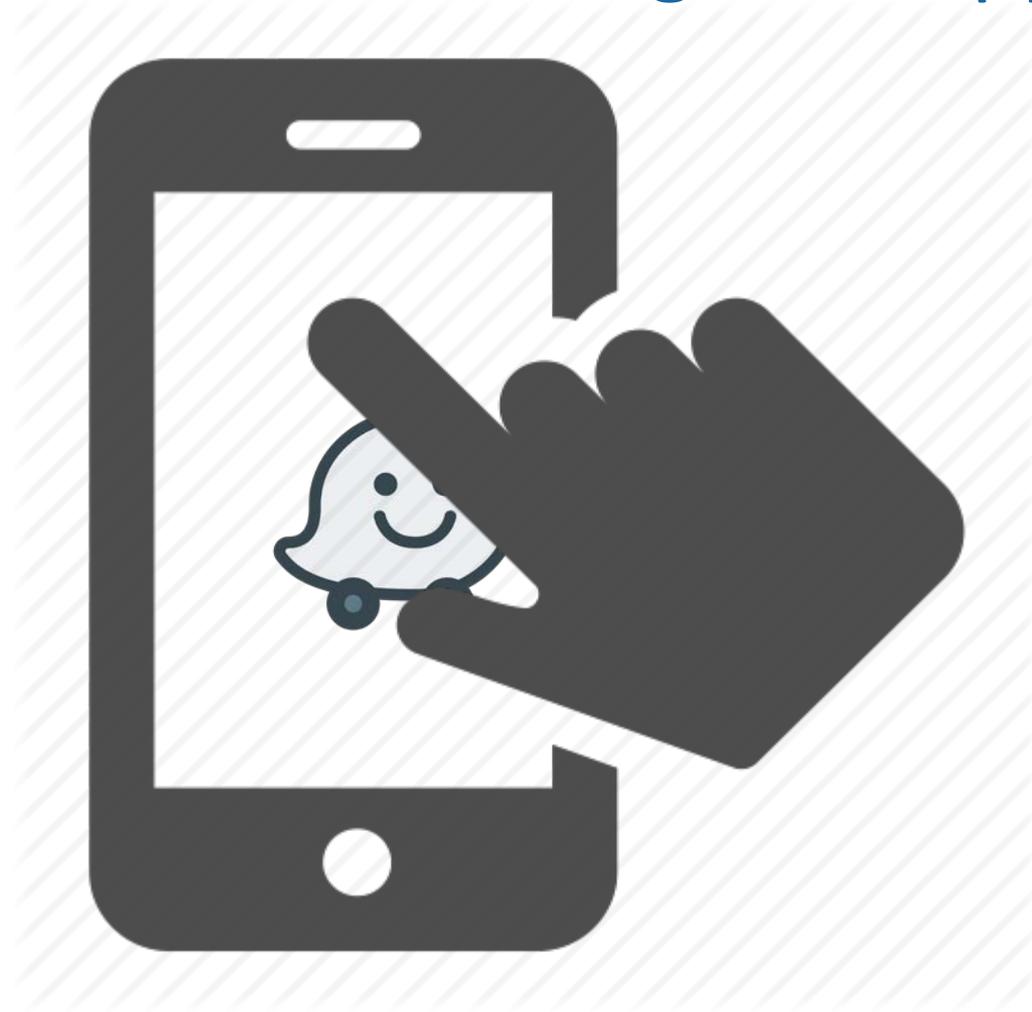
Where does traffic congestion impact you the most? (link to map)

What is your level of concern about traffic congestion on each impact? (high/medium/low)

- Commute Time?
- Neighborhood Impacts?
- Local access and circulation?

What other concerns do you have about congestion?

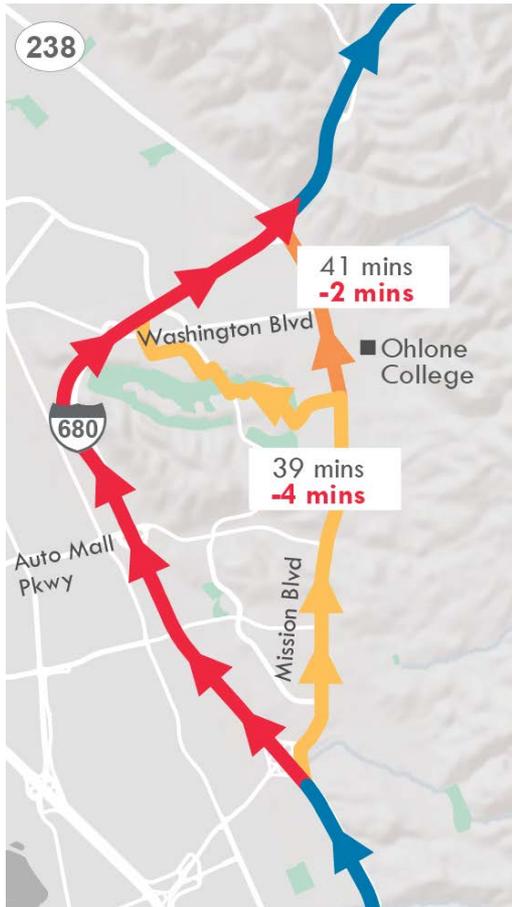
# The Dilemma of Navigation Apps





# Apps are changing how we navigate.

Guiding regional commuters to cut through Fremont's local streets.





# Did you know?

- Navigation apps like Waze, Apple Maps, & Google Maps send regional commuters on local Fremont streets to save a few minutes of freeway wait time.
- The most extreme impacts were in neighborhoods near Mission/680 and Mission/Niles Canyon during the evening commute period. In 2017, Fremont added countermeasures to limit neighborhood short cuts and keep regional traffic on the freeways and main highways:
  - ramp metering
  - stop signs
  - traffic signal delays
  - turn restrictions
- Fremont's actions, along with cooperation from Waze, helped reduce neighborhood cut-through traffic by 70% to 90%. Mission area cut-through reduced by 40%.



# For more information...

Fremont generated national attention toward the community problems associated with navigation apps and the city's responses

- Mercury News: [Roadshow: How one Bay Area city is foiling Waze advice](#)
- East Bay Times: [Fremont: City takes steps to keep commuters on freeways and off its streets](#)
- USA Today: [Waze and other traffic dodging apps prompt cities to game the algorithms](#)
- ABC 7 News: [City of Fremont says traffic apps cluttering side streets](#)
- KALW Local Public Radio: [Driving apps like Waze are creating new traffic problems](#)



# Give us your input.



How frequently do you use navigation apps?  
(regularly, occasionally, never)

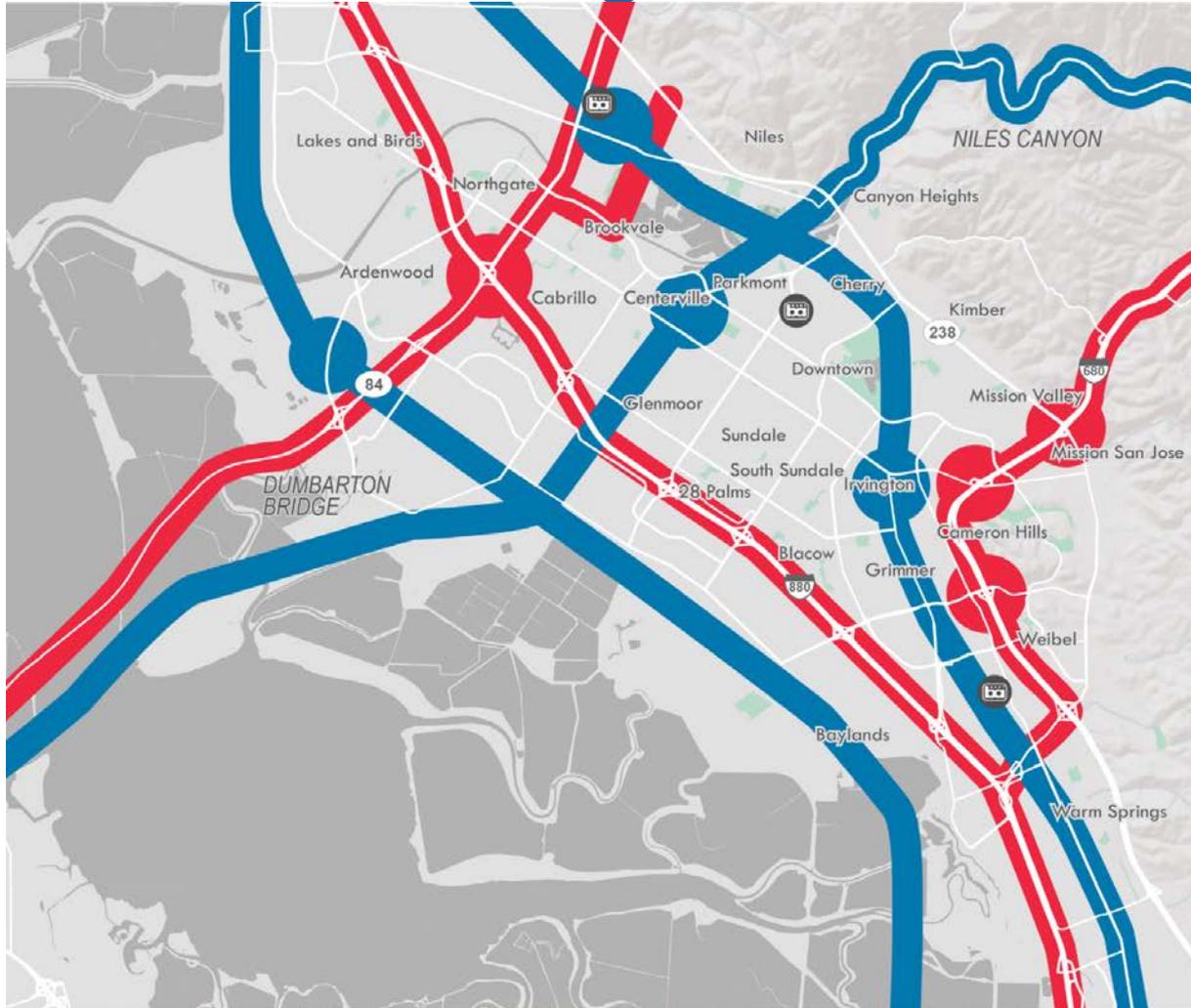
Should navigation apps be regulated to reduce  
impacts to local streets? (Y/N)

# Regional Transportation Projects Provide Hope on the Horizon





# Regional projects will help keep regional commuters on regional routes.



## REGIONAL TRANSIT IMPROVEMENTS



BART Enhancements (including new Irvington Station)

ACE Train Expansion (with Centerville Station Enhancements)

Amtrak Capitols Realignment (with new Ardenwood Station)

Dumbarton Rail

## REGIONAL HIGHWAY IMPROVEMENTS



I-880 Express Lanes

I-680 Northbound Express Lane

I-680 Interchange Upgrades (Mission, Washington, Auto Mall)

I-880/Decoto Interchange Upgrade

SR 262/Mission Upgrade

Dumbarton Express Bus Enhancements (with new East-West Connector to Union City BART Station)



# Did you know?

- Funding from Measure BB (2014) and SB1 (2017) has provided significant opportunities to improve regional transportation systems.
- RM3 on the ballot in June 2018 provides voters an opportunity to further invest in transportation solutions through an increase in bridge tolls.

# For more information...



Fact Sheets on key projects and funding sources with focus on Fremont benefits:

- The “big ten” regional projects
- Key funding sources (Measure BB, SB1, RM3)



# Give us your input.

Give us your priorities for funding planned regional projects (high, medium, low)

- ACE Train Expansion (with Centerville Station Enhancements)
- Amtrak Capitols Realignment (with new Ardenwood Station)
- Dumbarton Rail (connecting Fremont area to Redwood City area)
- Dumbarton Express Bus Enhancements (with new connector road to Union City BART station)
- SR 262/Mission Corridor Upgrade (connecting I-880 to I-680)
- I-680 Interchange Upgrades (at Mission, Washington, Auto Mall)
- I-880/Decoto Interchange Upgrade

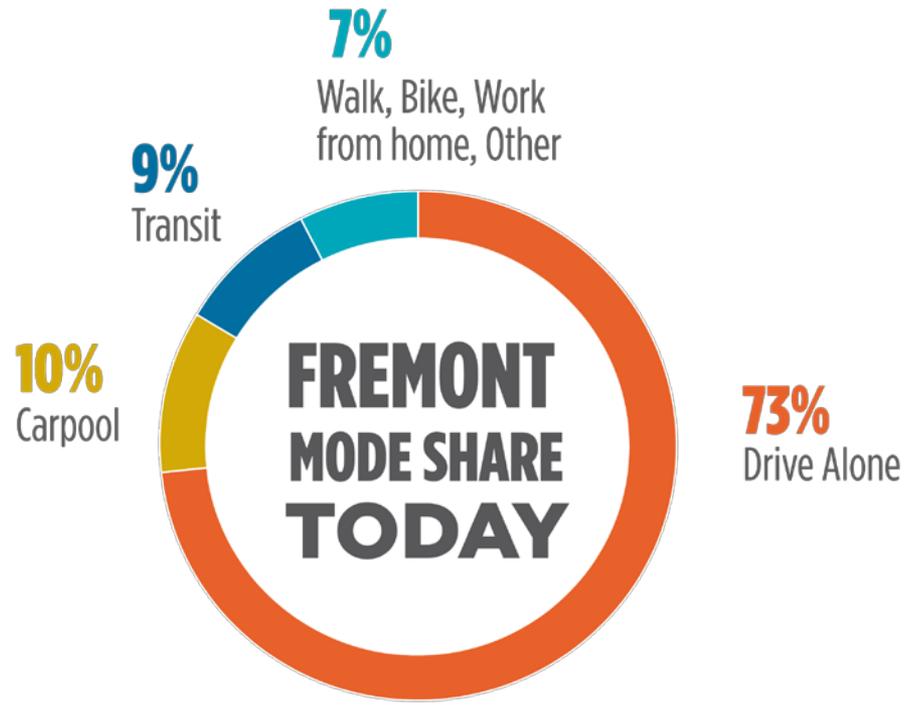
# Fremont's Move Toward Modern Multimodal Mobility





# Mobility Takes Many Forms

Fremont has plans to make driving more efficient and other travel modes more attractive and convenient.



City of Fremont Plans
Signal Modernization Plan
Transit Master Plan
Pedestrian Master Plan
Bike Master Plan
Trail Master Plan
Safe Routes to School Plan



# Did you know?

- 89% of Fremont's **traffic signals** are 15 years old; there are plans to modernize the system, starting with projects on Fremont Blvd, Auto Mall Parkway, and Decoto Road.
- Since 2015 Fremont has added ## miles of buffered **bike lanes** as part of pavement maintenance projects; a **bike share** system is planned start in 2018.
- As of spring of 2018, all 42 FUSD schools have **Safe Routes to Schools** plans, with 500 recommended improvements to encourage more walking and bicycling to local schools. Over 400 of these recommendations will be implemented in 2 years.



# Did you know?

- There are 12 urban trail corridors in Fremont; a **Trails Master Plan** will be prepared in 2019 to set priorities for implementation.
- AC Transit plans to expand their on-demand Flex **bus service** in the Warm Springs area in 2018.
- The transportation master plan for the Bay Area (Plan Bay Area 2040) includes a goal to **reduce drive alone auto trips by 10%**, by increasing travel by transit, carpooling, bicycling, and walking.



# For more information...

A lot is planned (Fact Sheets on projects and programs). Pace of improvement is limited by funding availability

Other cities have taxed themselves for local transportation (SF, Oak, etc)

How does travel mode choice in Fremont compare with other cities



# Give us your input.

What Please indicate the level of priority for the following projects (high, medium, low)

- Add list of projects

Would you support increasing local funding to accelerate priority projects by any of these tools?

- Development fees (Y/N)
- One-time bond supported by parcel tax (Y/N)
- Local sales tax (Y/N)
- Other (Y/N)
- ~~Don't increase local funding~~

Do you have other thoughts on how to accelerate local improvements?  
[text box]



# Give us your input.

What should Fremont's goal be for encouraging more travel by walking, bicycling, carpooling, and transit?

- Stay the same at 26%
- Increase by regional goal amount from 26% to 36%
- Other \_\_\_\_\_

What do you think would be most effective toward reducing drive alone travel?

# Zeroing in on Traffic Safety





# Fremont's Vision Zero Program is Already Improving Transportation Safety

Many more safety improvements are planned

## Safer Streets

1. Enhance Pedestrian Crossings
2. Tame High-Speed Arterial Streets
3. Provide New Traffic Signals at Priority Locations
4. Expand Safe Routes to Schools Program
5. Build Better Bikeways
6. Make Freeway Interchanges Safer for Walking and Bicycling

## Safer People

7. Expand Traffic Safety Education Programs
8. Continue Targeted Enforcement for Speeding
9. Reduce Impaired Driving

## Safer Vehicles

10. Promote Crash Avoidance Technologies



# Did you know?

- Nationally, traffic fatalities have increased by 14% in part due to distracted driving.
- Since starting Vision Zero, Fremont has reduced major traffic crashes resulting in fatalities and severe injuries by 27%; major crashes involving people walking are down 44% and bicycling are down 29%.
- Major efforts have included brighter street lighting, pedestrian countdown signals, targeted enforcement.
- Traffic fatality rate comparison with other cities, state, national, and Sweden.



# For more information...

Fremont has gained national recognition as an early adopter and leader in VZ movement

VZ Fact Sheets for each program area and  
Link to web site

Link to VZ Network and Fremont webinar/article



# Give us your input.

What ideas do you have to further improve traffic safety in Fremont?

# Preparing for a SEA Change: Future Transportation Will Be “Shared, Electric and Automated”





# We are planning our transportation future

Efforts are focused on connected streets/signals, smart parking, on-demand mobility and information, electric vehicles.





# Did you know?

- Fremont is rated as a leading “green” city for electric vehicle adoption.
- Fremont obtained a \$10M grant from ACTC for implementing the “Fremont Boulevard Safe and Smart Corridor” project.
- Fremont is preparing a Smart City Strategy.
- Future mobility needs to be “shared” otherwise automated vehicles will make congestion worse.



# For more information...

Smart City Challenge application

Fremont Safe and Smart Corridor project

Fremont smart mobility program elements

National smart city projects/Programs

Article on “three revolutions” (Shared, Automated/ Connected, and Electric)



# Give us your input.

What make you nervous or excited about emerging transportation technologies?

Rank your priorities for Fremont's smart mobility efforts:

- Signals
- Parking
- On-demand shuttles
- Electric Vehicle charging
- Mobility as a Service

Either High/Med/Low for each, or a prioritized list

# Thank you for participating in Fremont's Mobility Action Plan!



Please tell us more about you.

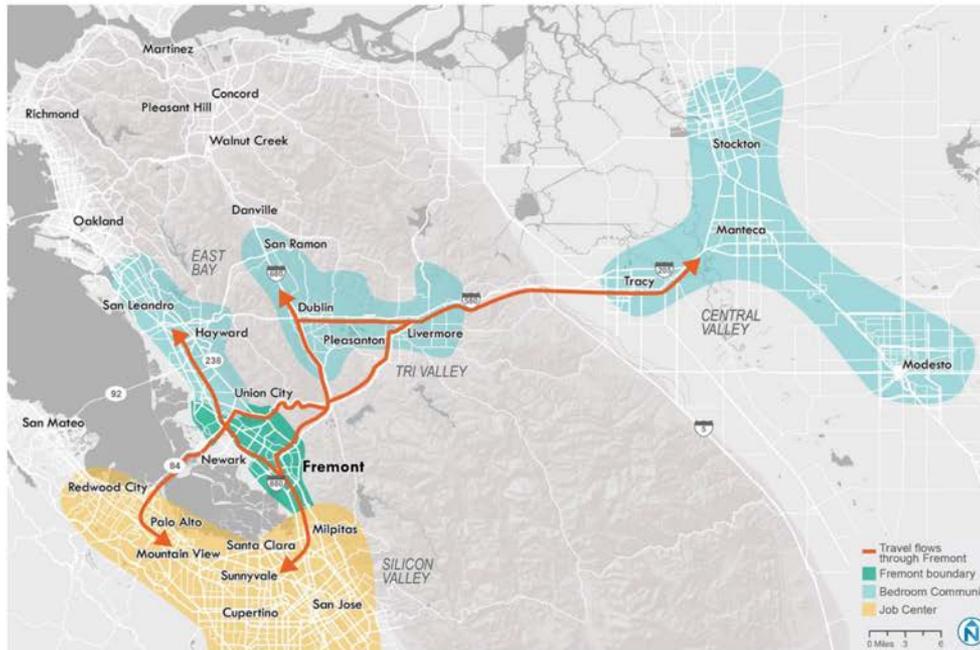
- What Fremont District do you live in? (pop-up map)
- How long have you lived in Fremont?
- What is your age?
- For your most frequent trip each week:
  - Where are you going? (work, school, shopping, religious, other?)
  - Where do you go? (pop-up map)
  - How do you travel there? (walk, bike, bus, train, drive alone, carpool, taxi/Uber/Lyft, other; pick all that apply)
- Please provide your email address. One winner will be selected at random to win a \$XXXX.

Offering a reward to be cleared w. city attorney

# Sample Workshop Poster

## Mobility is impacted by where we work and live.

Silicon Valley has significantly more jobs than households creating long distance commutes through Fremont from “bedroom communities” in the East Bay, Tri-Valley and Central Valley.



What ideas do you have to better balance jobs and housing in the Bay Area?

PLACE STICKIES HERE



### Did you know?

In four years, Silicon Valley has added



65,000

Daily Commuters from San Joaquin County to Bay Area

### Interested in learning more?

[Links to resources](#)

[Links to resources](#)

[Links to resources](#)

# Informal Engagement by Task Force Members

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