



# AccessMV

Mountain View's Comprehensive Modal Plan

Public Meeting  
October 22, 2020

## AGENDA

- Welcome + Introductions
- Project Background
- Prioritization Process
- Proposed Network Criteria and Metrics
- Next Steps
- Discussion / Q + A

## WELCOME: LIVE POLL

1. Do you live or work in Mountain View?

- Live
- Work
- Both live and work
- Other

## WELCOME: LIVE POLL

2. How do you typically get around Mountain View?  
(Pick as many as apply)

- Drive
- Bike
- Walk
- Transit
- Other

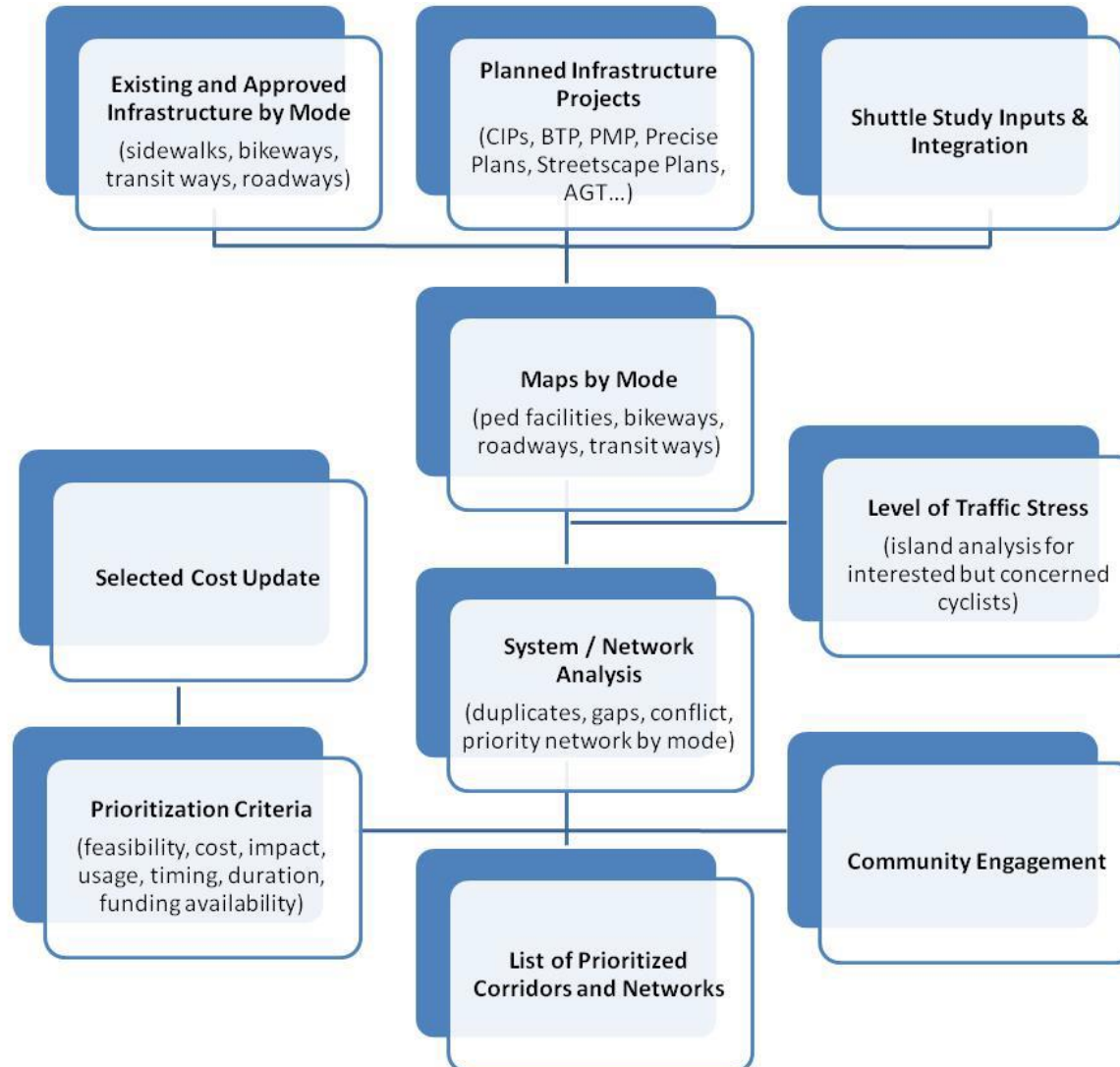
## PROJECT PURPOSE

Identify the primary transportation network for all modes and prioritize improvements from over 30 City and regional plans

## PROJECT BACKGROUND

- **June 4, 2019:** City Council authorized Comprehensive Modal Plan contract
- **February 24, 2020:** City Council reviewed Mountain View Shuttle Study
- **June 24, 2020:** B/PAC reviewed draft Pedestrian Quality of Service (PQOS) and Bicycle Level of Traffic Stress (LTS)
- **September 30, 2020:** B/PAC reviewed prioritization criteria and provided feedback

# PROJECT APPROACH

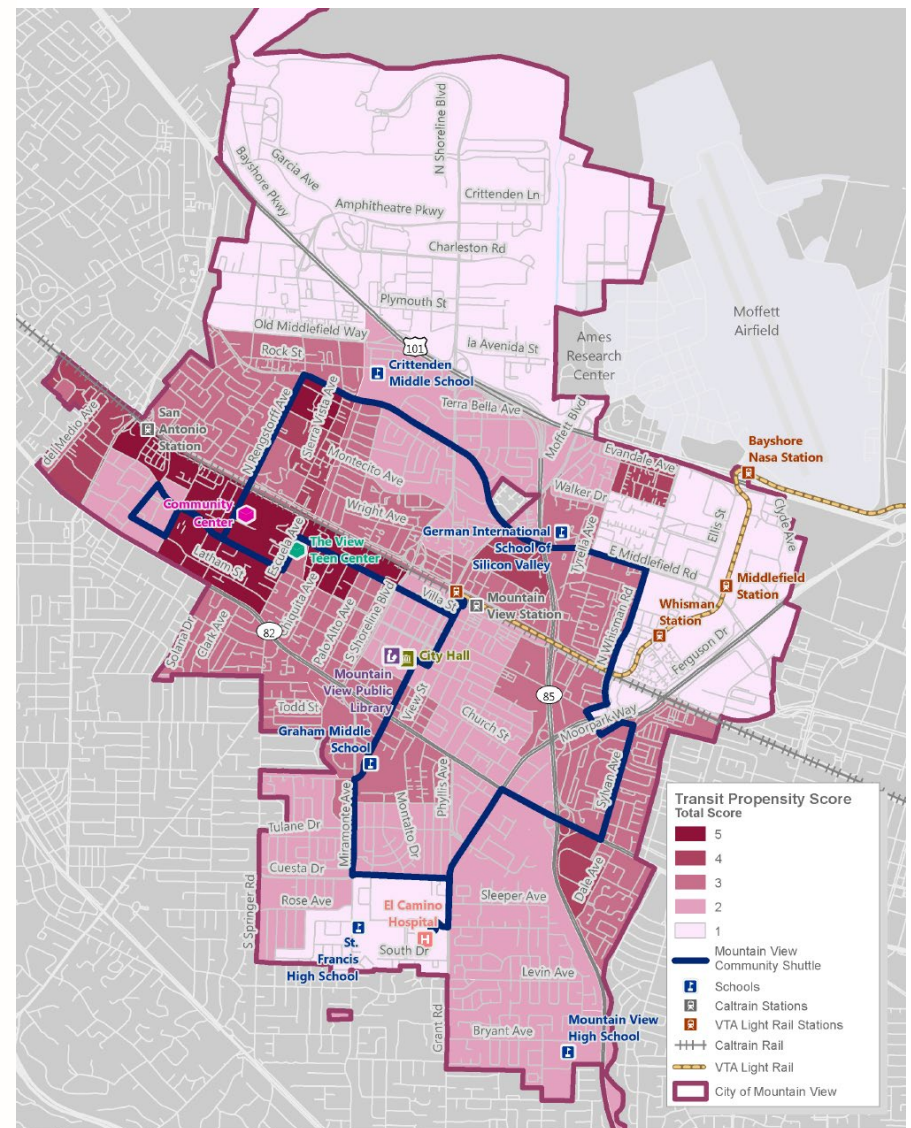


## LIVE POLL

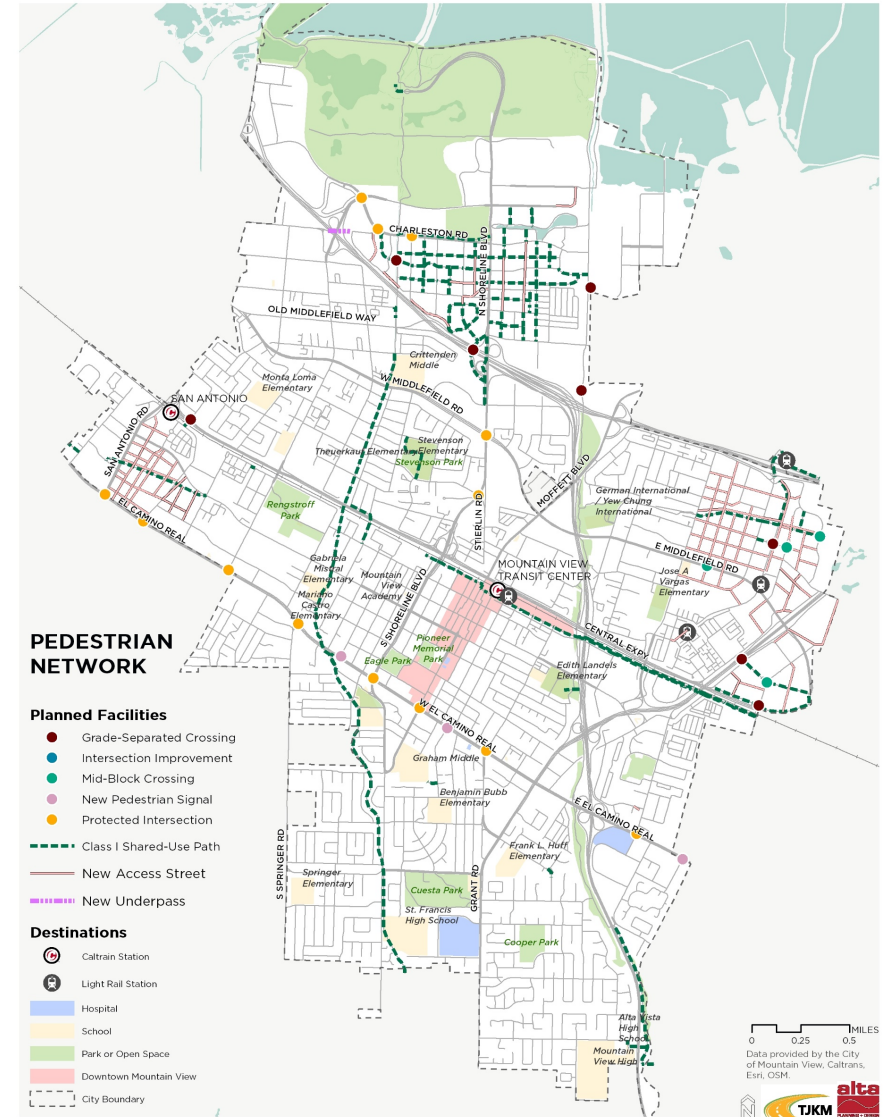
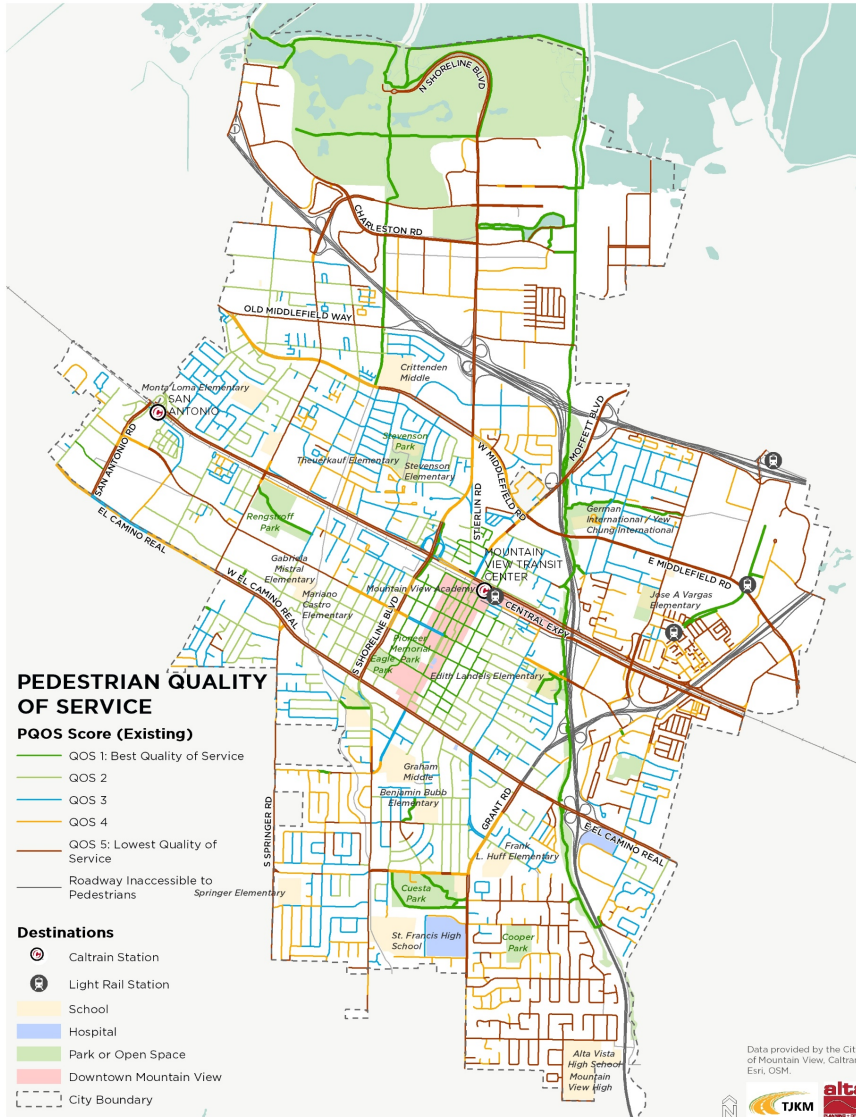
3. What are your priorities for Mountain View's transportation system? (select top three)
- Equitable distribution of services
  - Vehicular travel times
  - Safety for all road users
  - Access to transit services and destinations
  - Convenient bicycle and pedestrian routes
  - Reduced greenhouse gas emissions



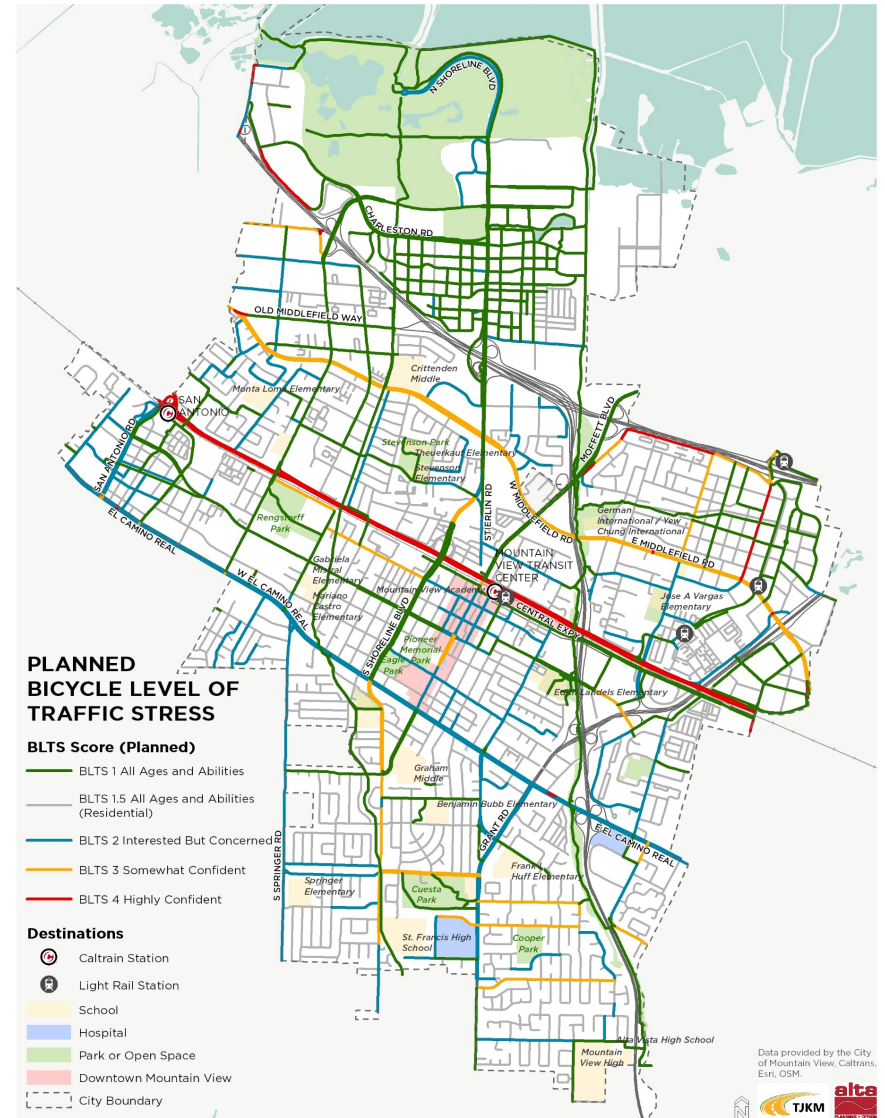
# MAPS BY MODE / TRANSIT PROPENSITY



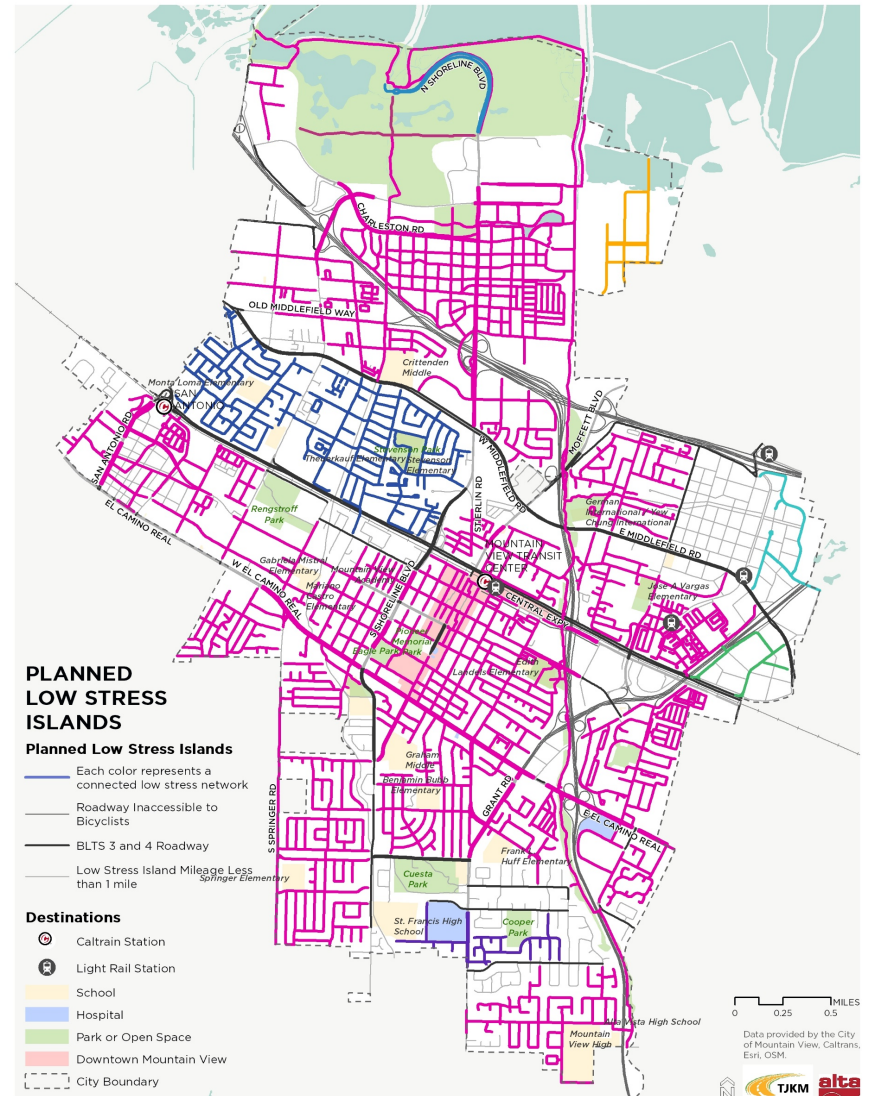
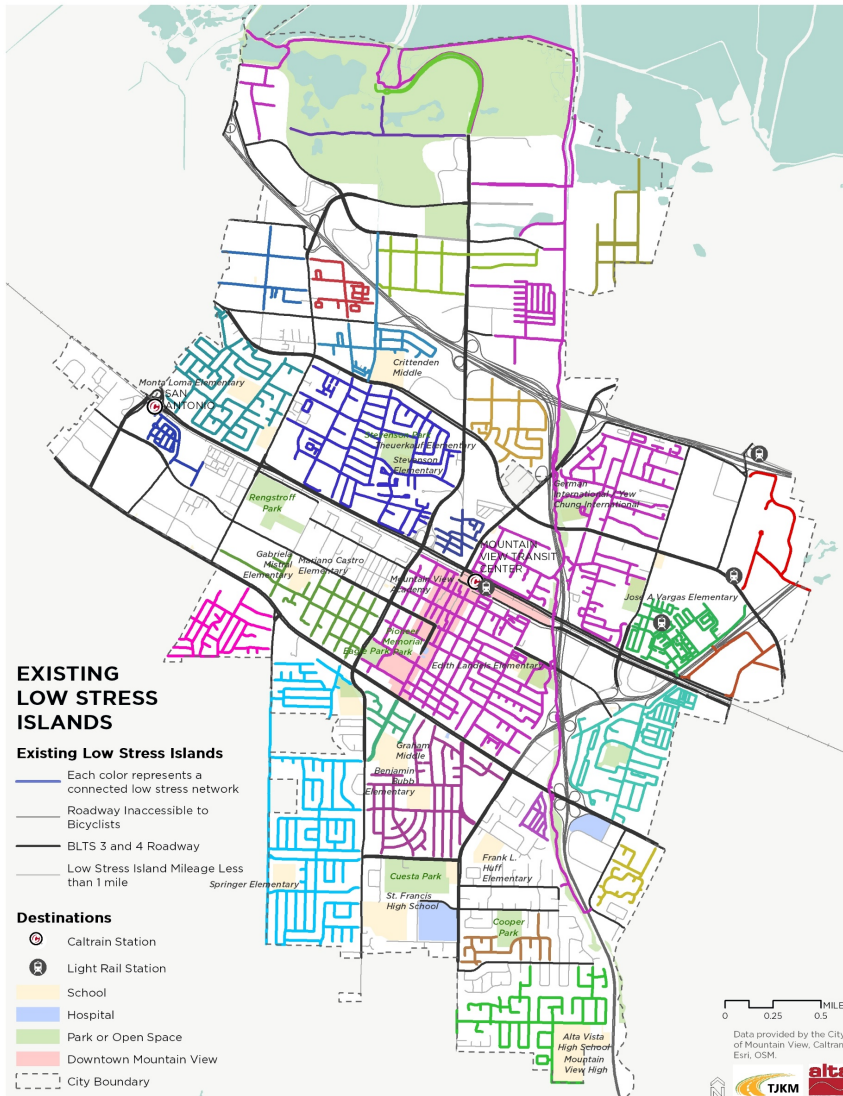
# EXISTING PQOS AND PLANNED PEDESTRIAN IMPROVEMENTS



# BLTS (EXISTING AND PLANNED)



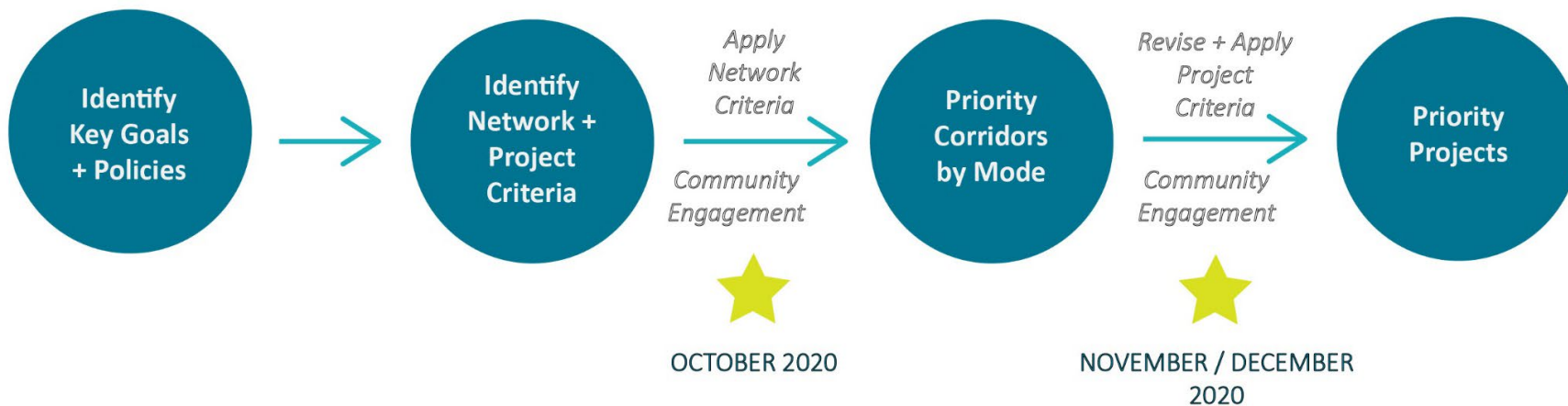
# LOW STRESS ISLANDS ANALYSIS (EXISTING AND PLANNED)



## LIVE POLL

4. Which modes would you like to see prioritized in Mountain View? (Pick as many as apply)
- Pedestrian
  - Bicycle
  - Transit
  - Single-Occupancy Vehicle
  - Carpool

# PRIORITIZATION PROCESS



## GOALS AND PRIORITIES FROM THE GENERAL PLAN

### **Equity**

- Equitable distribution of amenities and services / expanded access.

### **Mobility**

- Complete streets / synergies between modes.
- Improved transit services.

### **Connectivity**

- Reduced gaps in the network.
- Improved connections to community destinations.
- Improved first/last mile connections.

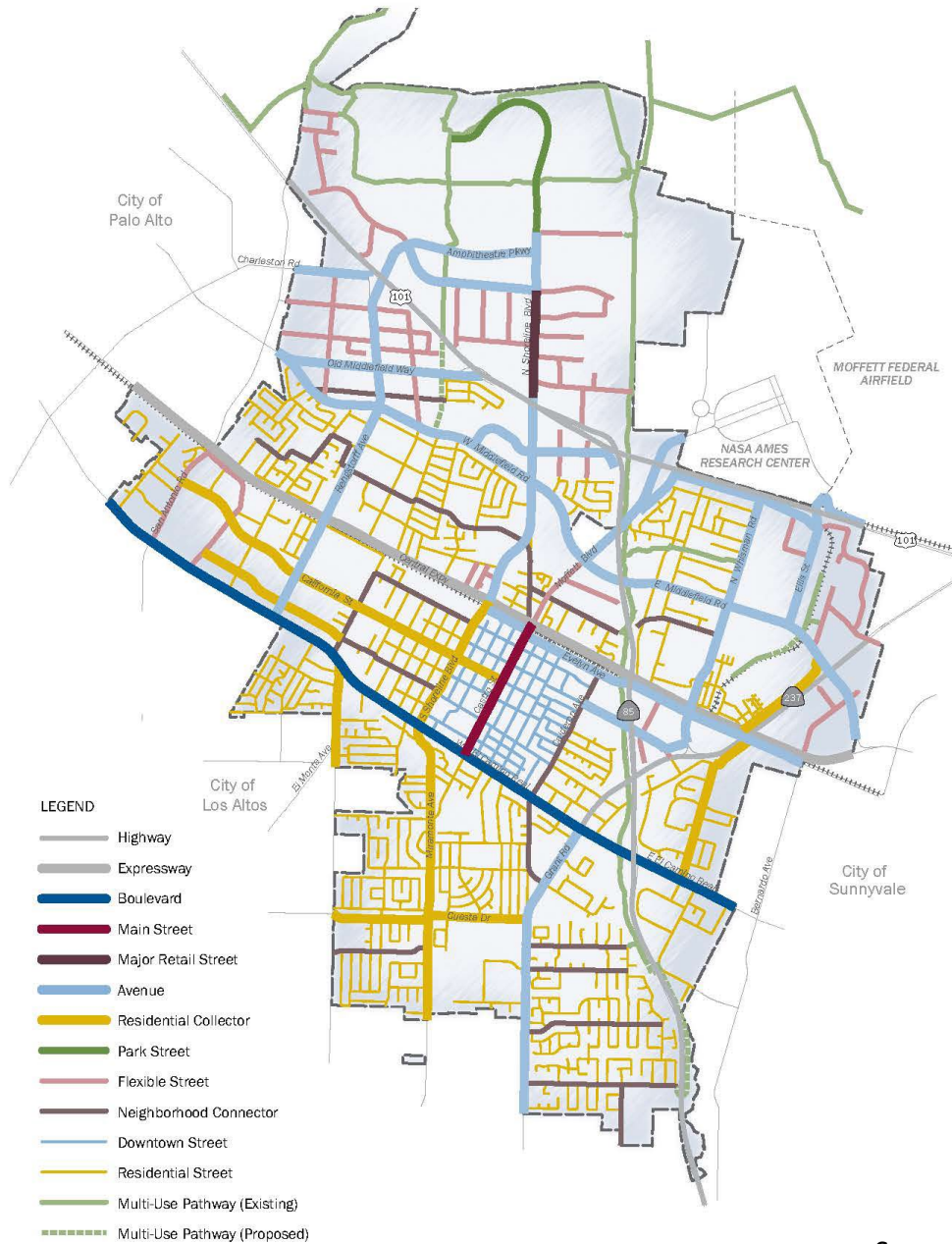
### **Safety**

- Improved safety for vulnerable users, especially pedestrians and bicyclists.

### **Sustainability**

- Reduced VMT and greenhouse gas emissions.

Figure 4.4: Street Typology





## PROPOSED NETWORK CRITERIA / METRICS

GOALS	CRITERIA	POINTS	METRICS
<b>Equity</b>		20 max pts	
	The corridor serves disadvantaged residents.	0	CalEnviroScreen Score Results 1-20%
		5	CalEnviroScreen Score Results 21-40%
		10	CalEnviroScreen Score Results 41%+
	The corridor has a high transit propensity score.	0	Transit Propensity Score 1
		5	Transit Propensity Score 2-3
10		Transit Propensity Score 4-5	
<b>Mobility</b>		26 max pts	
	The corridor is a high-priority corridor for the mode (cumulative).	1	N/A
		2	Low
		3	Medium
		4	High

## PROPOSED NETWORK CRITERIA / METRICS

GOALS	CRITERIA	POINTS	METRICS
<b>Mobility (Cont.)</b>			
	The corridor accommodates all modes.	2	Accommodates 1 mode
		6	Accommodates 2-3 modes
		10	Accommodates all modes
<b>Connectivity / Walkability / Bikeability</b>			38 max pts
	The corridor connects residents to major destinations.	0	Not within ½ mile of any destinations
		3	Within ½ mile of 1 destination
		6	Within ½ mile of 2-4 destinations
		9	Within ½ mile of 5+ destinations
	Planned improvements for the corridor close a gap in the existing network.	0	Does not close a gap
		3	Closes a gap (has existing facility)
		6	Closes a gap (no existing facility)
		9	Reduces the number of low-stress islands

## PROPOSED NETWORK CRITERIA / METRICS

GOALS	CRITERIA	POINTS	METRICS
<b>Connectivity / Walkability / Bikeability (Cont.)</b>			
	The corridor improves first/last mile connections	0 5 10	Not within ½ mile of any transit Within ½ mile of shuttle/bus Within ½ mile of Caltrain/light rail or El Camino Real
	The corridor improves directness of travel to destinations.	0 5 10	Low density of 4-way intersections Medium density of 4-way intersections High density of 4-way intersections
<b>Safety</b>		25 max pts	
	Planned improvements make corridor is accessible to all ages and abilities.	0 5 10	None of the corridor meets AAA threshold Some of the corridor meets AAA threshold All of the corridor meets AAA threshold

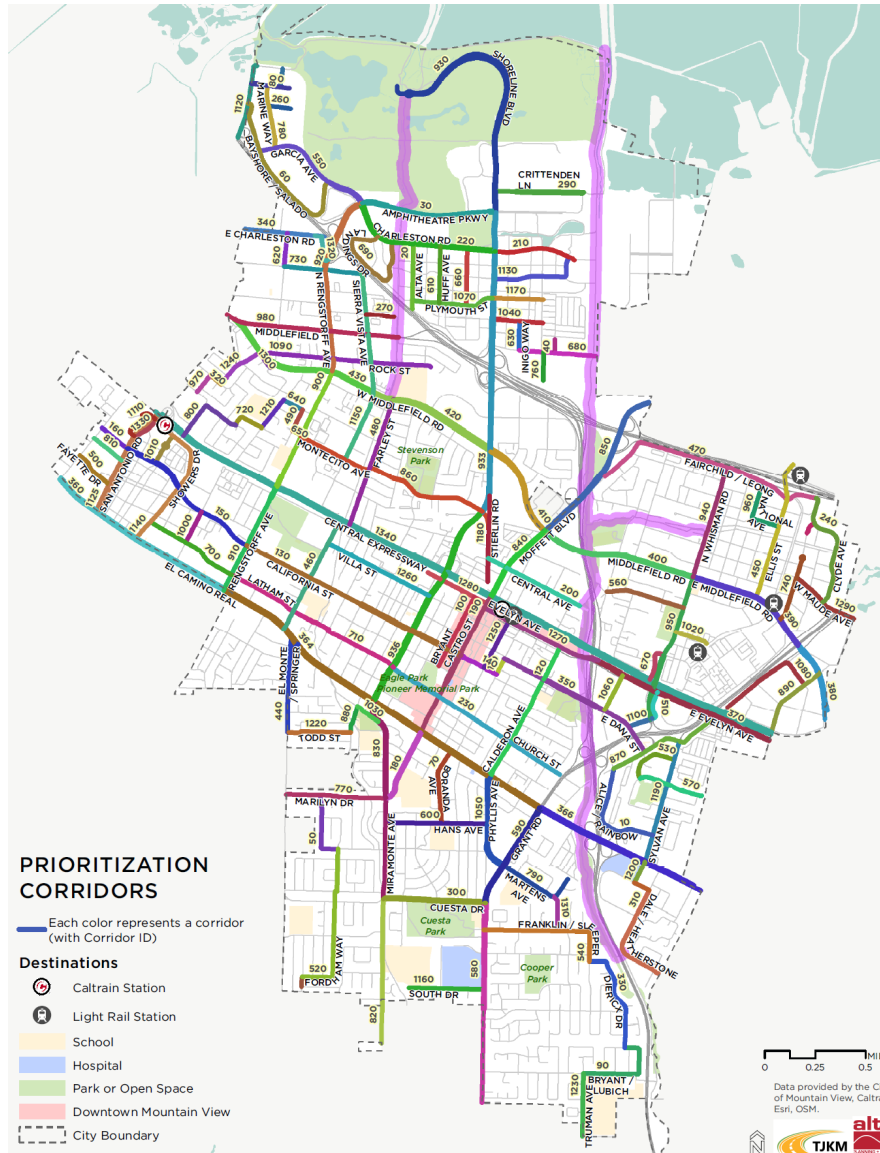
## PROPOSED NETWORK CRITERIA / METRICS

GOALS	CRITERIA	POINTS	METRICS
<b>Safety (Cont.)</b>			
	Corridor is part of the high-injury network (HIN).	0 5 10	None of the corridor is on the HIN Some of the corridor is on the HIN All of the corridor is on the HIN
	Corridor is on a suggested route to school	0 5	Not on suggested route to school On suggested route to school
<b>Sustainability</b>		10 max pts	
	The corridor reduces VMT and greenhouse gas emissions.	0 5 10	Motor vehicle project that results in increased/unchanged VMT Motor vehicle project that results in reduced VMT Bike, pedestrian, or transit project

## PROPOSED NETWORK CRITERIA / METRICS

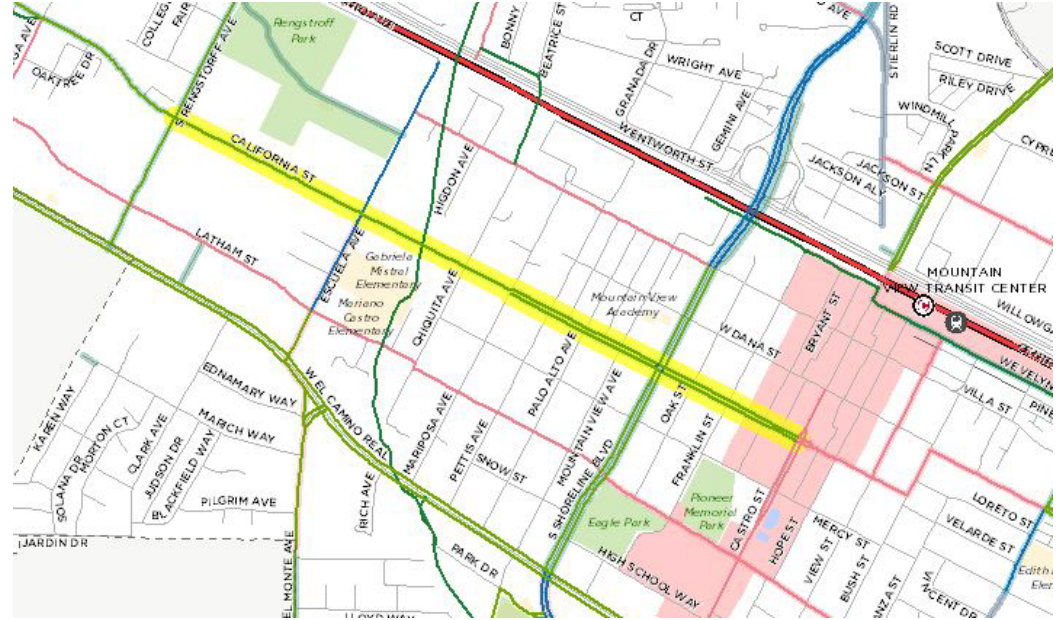
GOALS	CRITERIA	POINTS	METRICS
	<b>Consistency</b>	15 max pts	
	The corridor is identified in multiple previous plans.	2 6 10	Identified in 1 other plan Identified in 2-3 previous plans Identified in 4+ previous plans
	Corridor is on Across Border Connection (ABC) or Cross County Bikeway Corridor (CCBC)	0 5	Not an ABC or CCBC Is an ABC or CCBC
	<b>Maximum possible points</b>	134	

# CORRIDOR SEGMENTATION FOR ANALYSIS



# CALIFORNIA STREET PRIORITIZATION EXAMPLE

- California Street between Rengstorff and Castro
- Existing: 4 travel lanes, VTA bus route, Class II bike lanes
- Planned: Class IV separated bikeway
- Part of Complete Streets Feasibility Study & Road Diet Feasibility Study



## CALIFORNIA STREET PRIORITIZATION EXAMPLE

GOALS	CRITERIA	MAX. POINTS	EXAMPLE
<b>Equity</b>	The corridor serves disadvantaged residents.	10	5
	The corridor has a high transit propensity score.	10	10
<b>Mobility</b>	The corridor is a high-priority corridor for the mode (cumulative).	16	13
	The corridor accommodates all modes.	10	10
<b>Connectivity / Walkability / Bikeability</b>	The corridor connects residents to major destinations.	9	9
	The corridor closes a gap in the existing network.	9	3



## CALIFORNIA STREET PRIORITIZATION EXAMPLE

GOALS	CRITERIA	MAX. POINTS	EXAMPLE
<b>Connectivity / Walkability / Bikeability (Cont.)</b>	The corridor improves first/last mile connections	10	10
	The corridor improves directness of travel to destinations.	10	10
<b>Safety</b>	The corridor is accessible to all ages and abilities.	10	5
	The corridor is part of the high-injury network.	10	10
	The corridor is on a suggested route to school.	5	0
<b>Sustainability</b>	The corridor reduces VMT and greenhouse gas emissions.	10	10

## CALIFORNIA STREET PRIORITIZATION EXAMPLE

GOALS	CRITERIA	MAX. POINTS	EXAMPLE
<b>Consistency</b>	The corridor is identified in multiple previous plans.	10	6
	The corridor is on an Across Border Connection (ABC) or Cross County Bikeway Corridor (CCBC).	5	5
<b>TOTAL</b>		<b>134</b>	<b>106</b>

## KEY QUESTIONS: LIVE POLL

### 5. Do you concur with the presented metrics?

- Strongly support
- Somewhat support
- Somewhat oppose
- Strongly oppose

POINTS	METRICS
2	Accommodates 1 mode
6	Accommodates 2-3 modes
10	Accommodates all modes
0	Not within ½ mile of any destinations
3	Within ½ mile of 1 destination
6	Within ½ mile of 2-4 destinations
9	Within ½ mile of 5+ destinations
0	Does not close a gap
3	Closes a gap (has existing facility)
6	Closes a gap (no existing facility)
9	Reduces the number of low-stress islands

## LIVE POLL

6. Do you concur with the weights suggested by the scoring system for each metric?

- Strongly support
- Somewhat support
- Somewhat oppose
- Strongly oppose

<b>GOALS</b>	<b>MAX. POINTS</b>
<b>Equity</b>	20
<b>Mobility</b>	26
<b>Connectivity / Walkability / Bikeability</b>	38
<b>Safety</b>	25
<b>Sustainability</b>	10
<b>Consistency</b>	15
<b>TOTAL</b>	<b>134</b>

## NEXT STEPS

### Ongoing Engagement

- Online Survey: [mountainview.gov/accessmv](https://mountainview.gov/accessmv)
- Interactive Web Map: December/January
- City Council Meeting: November 10, 2020

**More information:** [public.works@mountainview.gov](mailto:public.works@mountainview.gov)

## DISCUSSION

Do you have any other questions or comments?



Thank you!