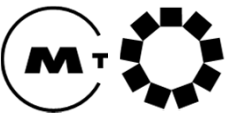


# Plan BayArea 2040

Draft  
Environmental Impact  
Report  
for  
Plan Bay Area 2040

May 20, 2017  
Marin County Workshop  
and Open House

Matt Maloney, MTC  
Principal Planner



## Environmental Impact Report (EIR)

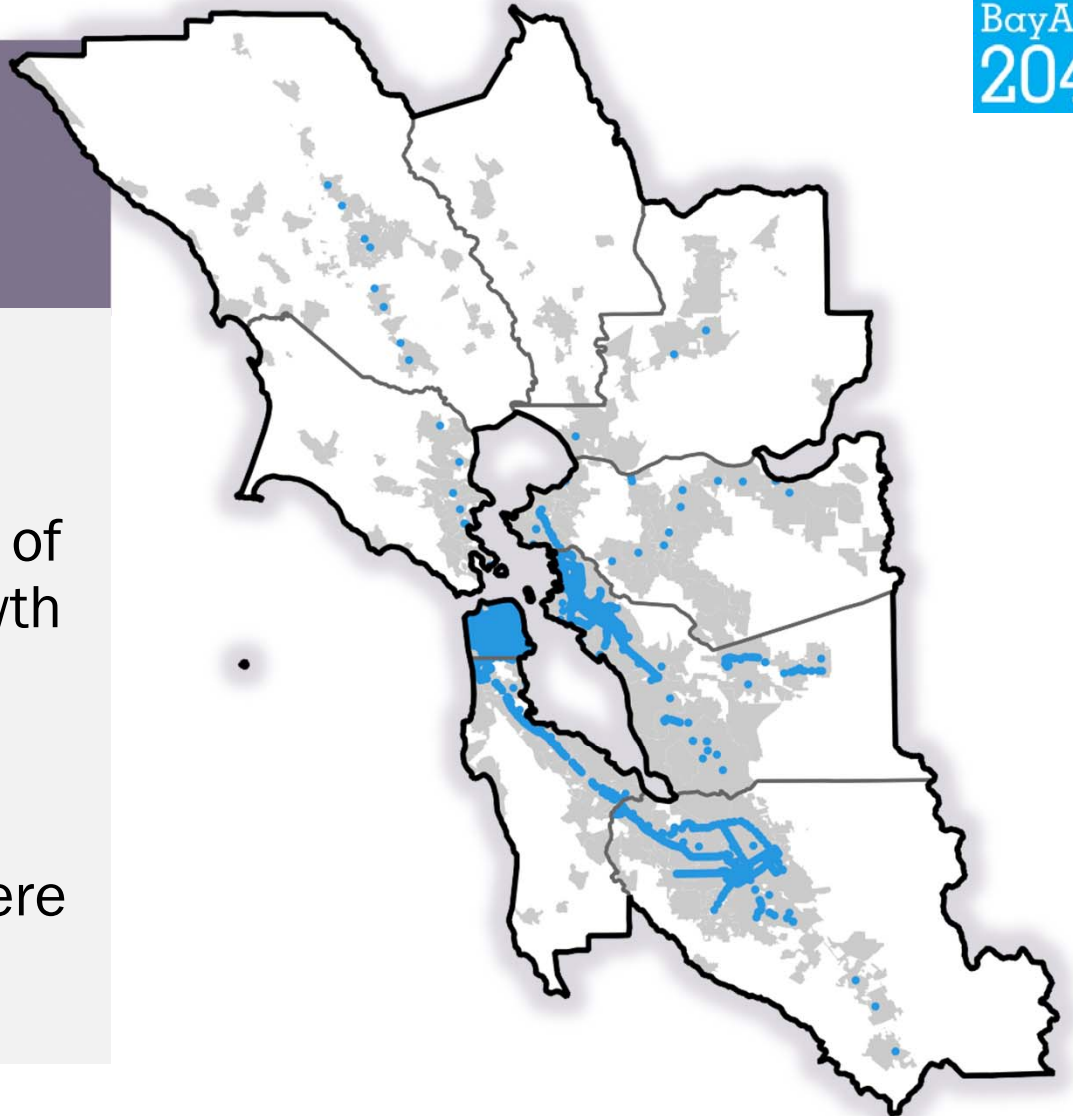


## Summary of the CEQA Process

- **Analyze and disclose** potential environmental effects of the proposed Plan
- **Inform** decision-makers, agencies, and the public of the range of the environmental impacts of the proposed Plan
- **Recommend** measures to mitigate any significant adverse impacts
- **Analyze** reasonable alternatives to the proposed Plan

## Level of Analysis

- **Programmatic** assessment of the potential impacts of the proposed Plan's regional pattern of household and employment growth and transportation investments
- Reports potential impacts **regionally, by county**, and within **Transit Priority Areas (TPAs)**, where applicable



# Environmental Issue Areas



2.1 Transportation



2.2 Air Quality



2.3 Land Use and  
Physical Development



2.4 Energy



2.5 Climate Change and  
Greenhouse Gases



2.6 Noise



2.7 Geology and Seismicity



2.8 Water Resources



2.9 Biological Resources



2.10 Visual Resources



2.11 Cultural Resources



2.12 Public Utilities and  
Facilities



2.13 Hazards



2.14 Public Services and  
Recreation

# Alternatives Analysis

- Analyzes the relative environmental advantages and disadvantages of the Alternatives, as compared to the proposed Plan
- Draft EIR analyzes four Alternatives to the proposed Plan

	Alternative 1	Alternative 2	Alternative 3	Alternative 4
Proposed Plan	No Project	Main Streets	Big Cities	Environment, Equity, and Jobs

- Same regional forecasts of households, jobs, and transportation revenues for each alternative

# High-Level Land Use Assumptions Across Alternatives

Proposed Plan	Alternative 1 No Project	Alternative 2 Main Streets	Alternative 3 Big Cities	Alternative 4 Environment, Equity, and Jobs
PDA-focused land use strategies to increase development potential in PDAs and improve affordability.	<p>Expands current growth boundaries at historic trends.</p> <p>No PDA focus.</p>	<p>Assigns higher densities in cities throughout the region.</p> <p>Expands current growth boundaries faster than historical trends.</p> <p>Some PDA-focused land use strategies, but to a lesser extent than the proposed plan</p>	<p>Assigns higher densities in select PDAs, TPAs, and opportunity sites with high transit access (with an emphasis on Big 3 cities).</p> <p>PDA-focused land use strategies (more aggressive and focused in Big 3 cities, especially San Jose/Silicon Valley)</p> <p>Assumes elimination of office space caps in San Francisco.</p>	<p>Assign higher densities in select PDAs, TPAs, and suburban communities with high-quality schools and low levels of crime (i.e., high-opportunity areas).</p> <p>Land use and affordability strategies more aggressive than proposed plan, in select cities with PDAs or TPAs and high opportunity cities.</p>

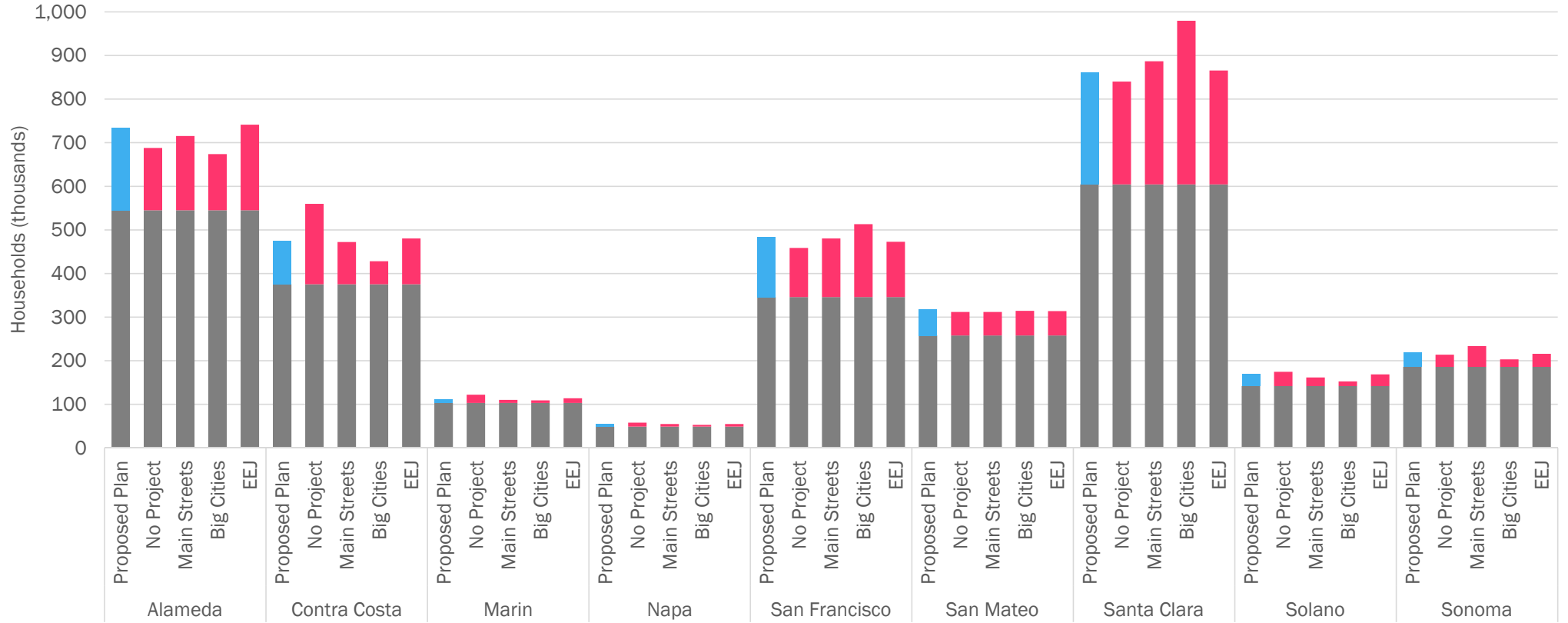
# Forecasted Household Growth

	Marin County 2040	% of Forecasted Regional Growth
<b>Proposed Plan</b>	111,600	1.0%
<b>No Project</b>	122,000 (+9.3%)	2.3%
<b>Main Streets</b>	110,000 (-1.4%)	0.8%
<b>Big Cities</b>	109,100 (-2.2%)	0.7%
<b>Environment, Equity and Jobs</b>	113,800 (+2.0%)	1.3%

# Forecasted Household Growth Across Alternatives (by county)

Forecasted Households in 2040 by Alternative

- Alternative Growth
- Plan Growth
- 2010 Counts



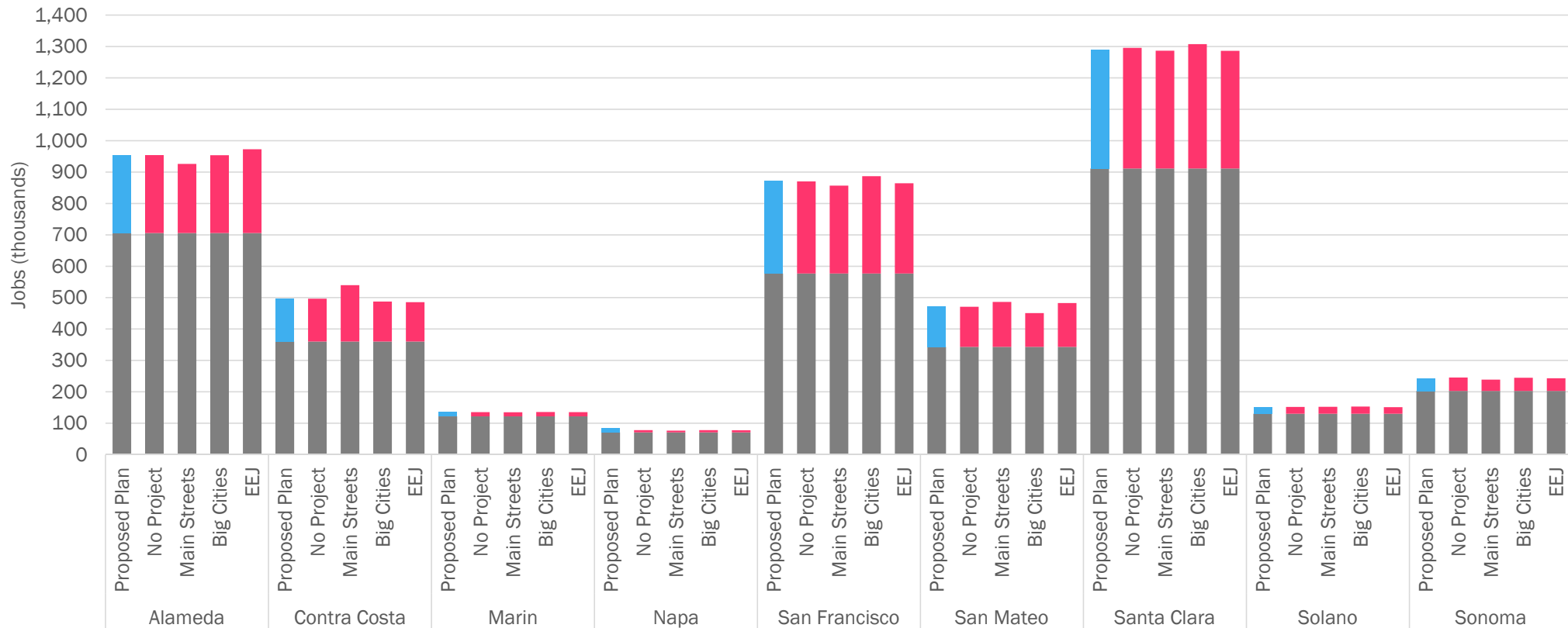
Source: 2010 counts based on Census, 2040 forecasts based on ABAG's Regional Forecast, small geography estimates from Final Preferred Scenario, adopted November 2016.



# Forecasted Job Growth Across Alternatives (by county)

Forecasted Jobs in 2040 by Alternative

- Alternative Growth
- Plan Growth
- 2010 Counts



Source: 2010 counts based on Census, 2040 forecasts based on ABAG's Regional Forecast, small geography estimates from Final Preferred Scenario, adopted November 2016.

# Forecasted Land Use Growth Footprint

	Regional Total 2040 (acres)	Marin County 2040 (acres)	% of Growth
<b>Proposed Plan</b>	18,700	210	1.1%
No Project	44,400 (+137%)	1500 (+614%)	3.4%
Main Streets	18,300 (-2%)	200 (-5%)	1.1%
Big Cities	13,600 (-27%)	30 (-86%)	0.2%
Environment, Equity and Jobs	19,600 (+5%)	230 (+10%)	1.2%

Acres of  
Open Space  
Impacted by  
**Proposed Plan:**

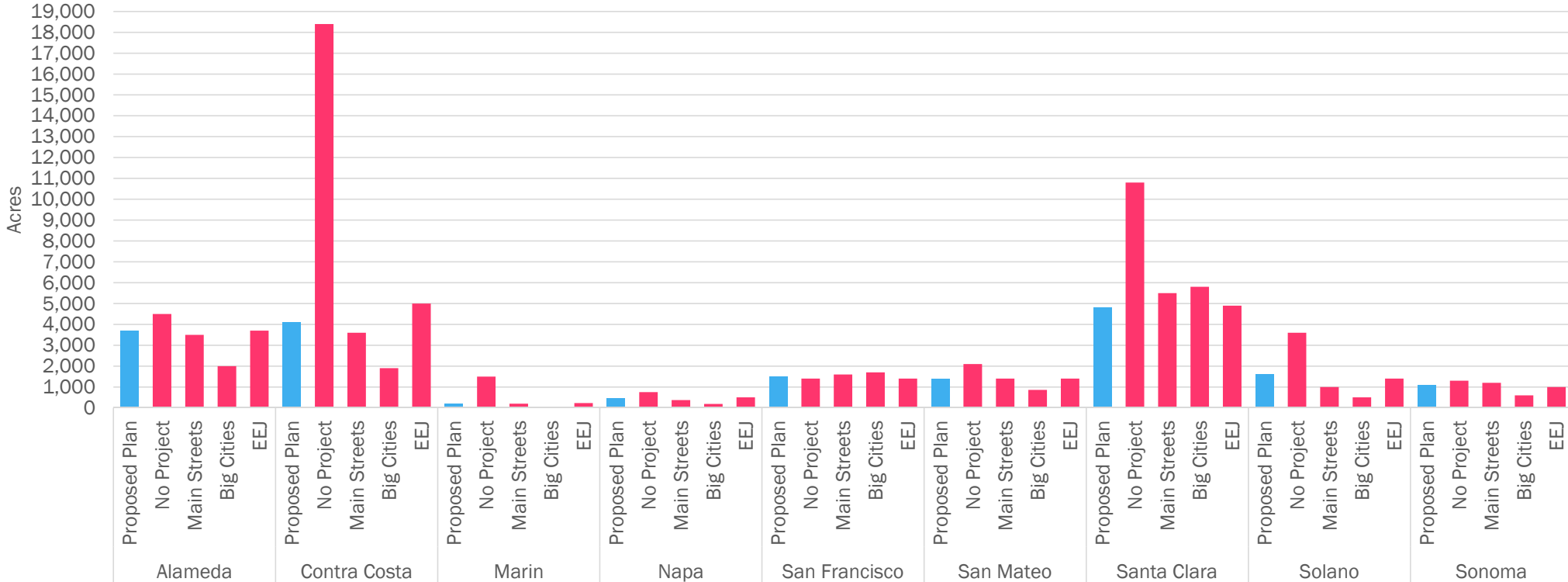
Regional  
**450** acres

Marin County  
**0** acres

# The Draft EIR assesses the acres of land that accommodate the forecasted new households and job growth

Alternative Growth  
Plan Growth

Forecasted Land Use Development Growth Footprint



# High Level Transportation Assumptions Across Alternatives

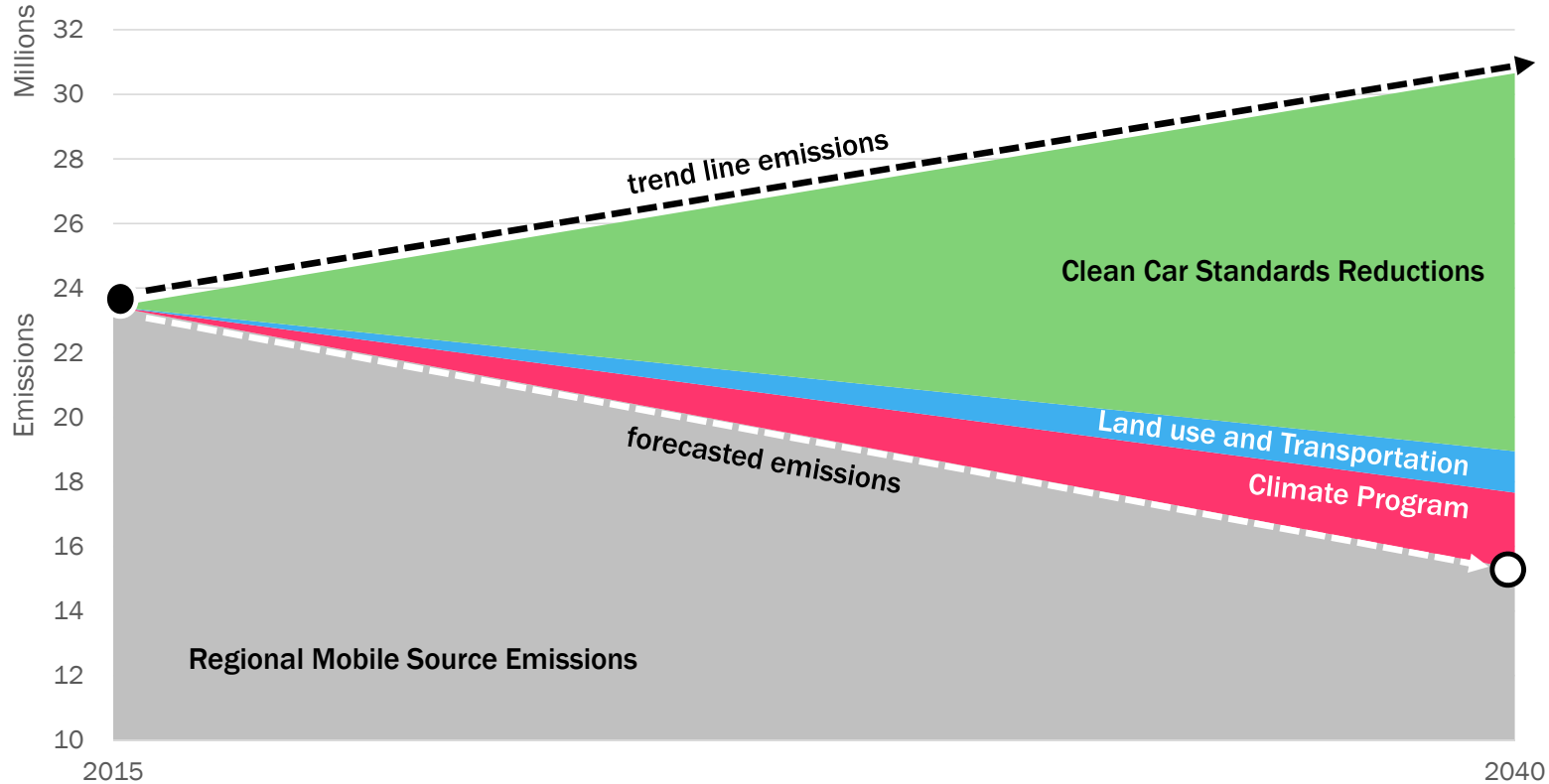
Proposed Plan	Alternative 1 No Project	Alternative 2 Main Streets	Alternative 3 Big Cities	Alternative 4 Environment, Equity, and Jobs
PBA 2040 Investment Strategy	Includes substantially lower funding for all types of transportation projects than the proposed Plan.	More emphasis on roadway capacity, highway state of good repair, increased bus service	Focus on transit core capacity and connectivity, including South Bay/Silicon Valley transit expansion and capacity projects in SF/Oakland	<p>Pursues bus service improvements to provide access to increasingly dispersed job centers.</p> <p>Eliminates all road expansion projects</p> <p>VMT tax: Implement a two-cent-per-mile vehicle-miles-traveled tax on higher-income travelers.</p>

# Forecasted Regional Travel

	Daily Vehicle Miles Traveled (VMT)	Daily Vehicle Hours of Recurring Delay	Average Commute Trip Travel Time (minutes)	Daily VMT Per-Capita	Daily VMT Per-Capita by LOS F
<b>Proposed Plan</b>	191,528,600	531,100	22.6	18.4	0.44
<b>No Project</b>	195,759,300 (+2%)	953,400 (80%)	25.4 (12%)	18.8 (2%)	1.05 (139%)
<b>Main Streets</b>	195,437,200 (+2%)	604,700 (14%)	23.1 (2%)	18.8 (2%)	0.46 (2%)
<b>Big Cities</b>	187,145,000 (-2%)	687,600 (29%)	23.0 (1%)	18.0 (-2%)	0.42 (-5%)
<b>Environment, Equity and Jobs</b>	187,138,400 (-2%)	659,400 (24%)	23.1 (2%)	18.0 (-2%)	0.58 (32%)

# Greenhouse Gas Emissions

## Forecasted Regional Mobile Source Emissions



Mobile Source  
Greenhouse  
Gas Emission  
Reductions  
**Proposed Plan**  
2015 to 2040:

Regional  
**35 %**

# Summary of Alternatives Comparison

## Compared to the Proposed Plan

### Alternative 1: No Project

- Results in **additional** significant unavoidable impacts related to **Transportation, Air Quality, Energy, Climate Change and Greenhouse Gases**

### Alternative 2: Main Streets

- Results in **additional** significant unavoidable impacts related to **Transportation, Climate Change and Greenhouse Gases**

### Alternative 3: Big Cities

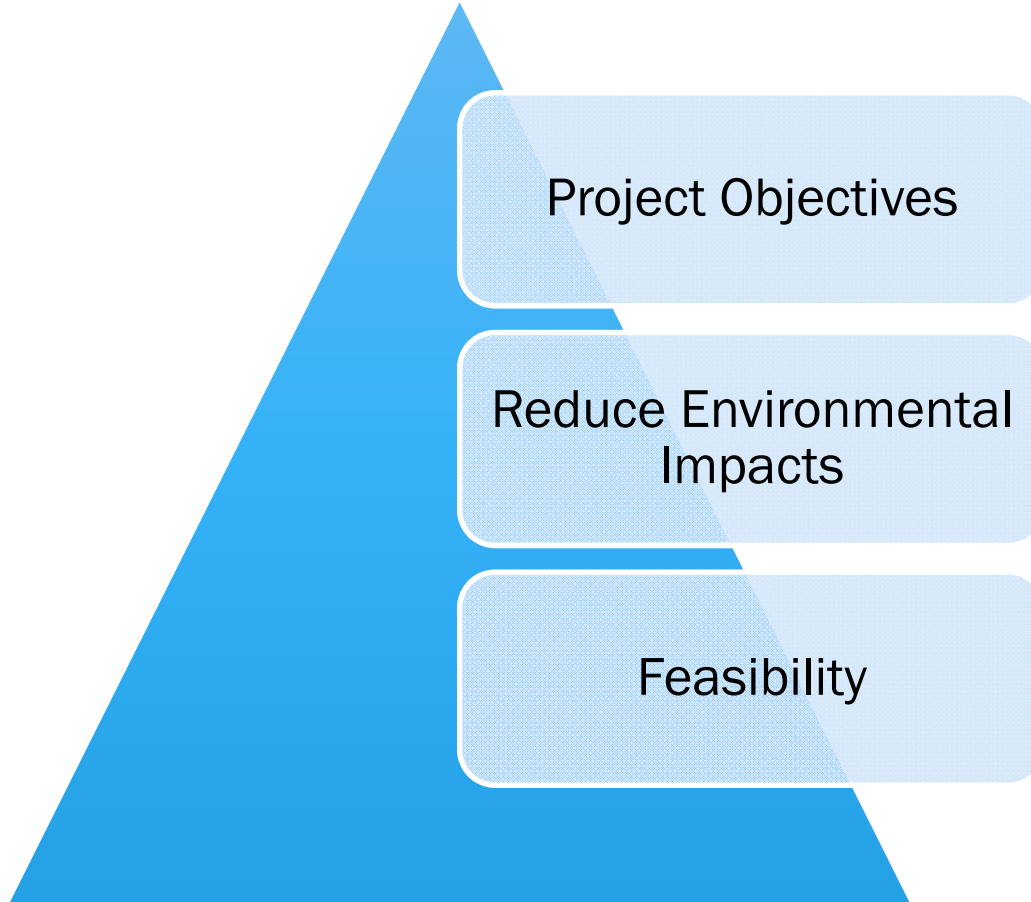
- Results in **additional** significant unavoidable impacts related **Transportation**

### Alternative 4: Environment, Equity, and Jobs

- **Same** significant unavoidable impacts

- Less than significant includes less than significant after mitigation
- Significant and unavoidable following implementation of mitigation measures or significant and unavoidable because MTC/ABAG cannot require local implementing agencies to impose mitigation measures identified in this EIR

# Environmentally Superior Alternative





## Next Steps

- A Final EIR will be prepared following public review and comment on the Draft EIR
- Will consist of changes to the Draft EIR and written responses to comments submitted during the comment period on the Draft EIR
- MTC and ABAG will consider this information during their deliberations on certification of the Final EIR and adoption of Plan Bay Area 2040