



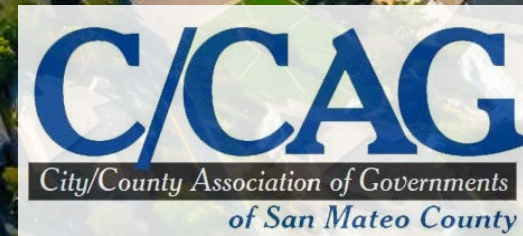
C/CAG VMT/GHG Mitigation Program

Congestion Management and Environmental Quality Committee
October 28, 2024



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Development of a

Vehicle Miles Traveled/Greenhouse Gas Model Mitigation Program for San Mateo County

Agenda

Today's Presentation

- Program Goals and Engagement
- Draft Program Overview
- Schedule



Program Goals

Program Goals

- Provide (best) approach for mitigating VMT/GHG
- Develop framework for use by cities/County
- Position for compliance with CEQA under SB 743
- Engage stakeholders for best approaches
- Balance project types – VMT reductions - Equity

Stakeholders Engaged in Program

Technical Advisory Task Force

- Local jurisdictions, Regional, and State Agencies

Committee Meetings

- Planning (21 Elements) and Public Works (TAC) staff

Board Meetings

- Elected leaders

CBO Engagement

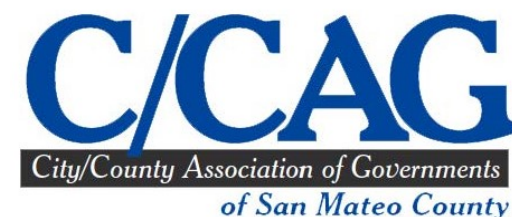
- 20 CBO's representing diverse communities throughout the County



Technical Advisory Task Force

Advise C/CAG on technical and policy decisions for the VMT/GHG Mitigation Program

- The purpose, need, and objectives for the program
- How will the program address both VMT and GHG mitigation?
- How should equity be incorporated in this program?
- What mitigation actions should be included within the program?
- Review draft documents prior to adoption



Organization	Equity Priority Geography	Equity Priority Communities Served
Ayudando Latinos a Soñar (ALAS)	Half Moon Bay	Latinx/o/a coastal community
Boys and Girls Club of the Coastside	Half Moon Bay	Coastside youth
Senior Coastside	Half Moon Bay	Coastside older adults
Pacifica Resource Center	Pacifica	Families and individuals along the coast
Farmworker Advisory Commission	Pescadero	Farmworkers
Viviendas Justas (ALAS)	Half Moon Bay	Latinx/o/a coastal community
Rise South City	South San Francisco	Frontline communities
Peninsula Family Service	San Mateo / Daly City	Children, families, older adults throughout the Bay Area
Pilipino Bayanihan Resource Center (PBRC)	Daly City	Filipino community
Casa Circulo Cultural	North Fair Oaks	Low-income, vulnerable families. Latinx/o/a communities
Community Overcoming Relationship Abuse (CORA)	San Mateo	Those affected by intimate partner abuse
Saint James AME Zion church	San Mateo	Black community in North Central San Mateo County
Samaritan House	San Mateo	Anyone facing poverty in San Mateo County
Renaissance Entrepreneurship Center	North Fair Oaks / East Palo Alto	People facing systemic barrier to economic mobility
Youth United for Community Action (YUCA)	East Palo Alto	Young people of color, majority low-income, majority women
The Primary School	East Palo Alto	Early childhood, school-aged youth, parents, caregivers
El Concilio of San Mateo County	East Palo Alto	Underserved communities in San Mateo County including immigrant families, Latinx/o/a community
EPA CanDo	East Palo Alto	Residents of East Palo Alto in need of affordable housing
Center for Independence of Individuals with Disabilities (CID)	Countywide	People with disabilities
Silicon Valley Bicycle Coalition	Countywide	Cycling community throughout San Mateo and Santa Clara Counties

20 virtual interviews
(16 English, 4 Spanish)

Public Draft Report Review

VMT/GHG Model Mitigation Program

C/CAG Vehicle Miles Traveled/Greenhouse Gas (VMT/GHG) Model Mitigation Program

Following the implementation of SB 743 and the adoption of vehicle miles traveled (VMT) as the primary transportation impact metric under CEQA, projects triggering significant VMT impacts must mitigate those impacts as much as feasible. Traditional mitigation approaches, like Transportation Demand Management (TDM) strategies, focus on on-site efforts, but their impact on reducing VMT is limited. With Caltrans setting a zero-VMT threshold for state highways, adding lanes to highways in San Mateo County could trigger significant impacts, requiring mitigation. Other potential large project may also find it challenging to mitigate induced VMT onsite.

In response, there is growing interest in broader, off-site mitigation programs that could lead to more significant VMT reductions. The City/County Association of Governments of San Mateo County (C/CAG) has developed a Vehicle Miles Traveled (VMT)/Greenhouse Gas (GHG) Model Mitigation Program. This initiative enables project sponsors to fund transportation improvements that mitigate VMT and GHG impacts from land use and transportation projects, with an eye on equity and Equity Focus Area communities in San Mateo County. The program builds on C/CAG's prior work, including the TDM Program and VMT Estimation Tool, offering technical resources to reduce VMT and emissions, and the RICAPS GHG mitigation program.

Comments and Comment Period:



The following Draft Final Report Documents are posted for Public Review and Comment. Please provide comments using the following online Response Form: <https://forms.office.com/r/0aCD31tiVu>. *Comment Closing Period November 8, 2024!* Your responses will be sent to Matt Goynes at Fehr & Peers and Kim Springer at C/CAG. The form also offers to speak directly to project staff, upon request.

Public Draft Final Report – C/CAG VMT/GHG Model Mitigation Program

Appendix A – Outreach Plan and Discussion Guide

Appendix B – VMT Equity and Environmental Justice Recommendations

Appendix C – Affordable Housing VMT Mitigation

Appendix D – GHG Mitigation Memo

Appendix E – Additional Supporting Information

Appendix F – Landscape Review of Impact Fees

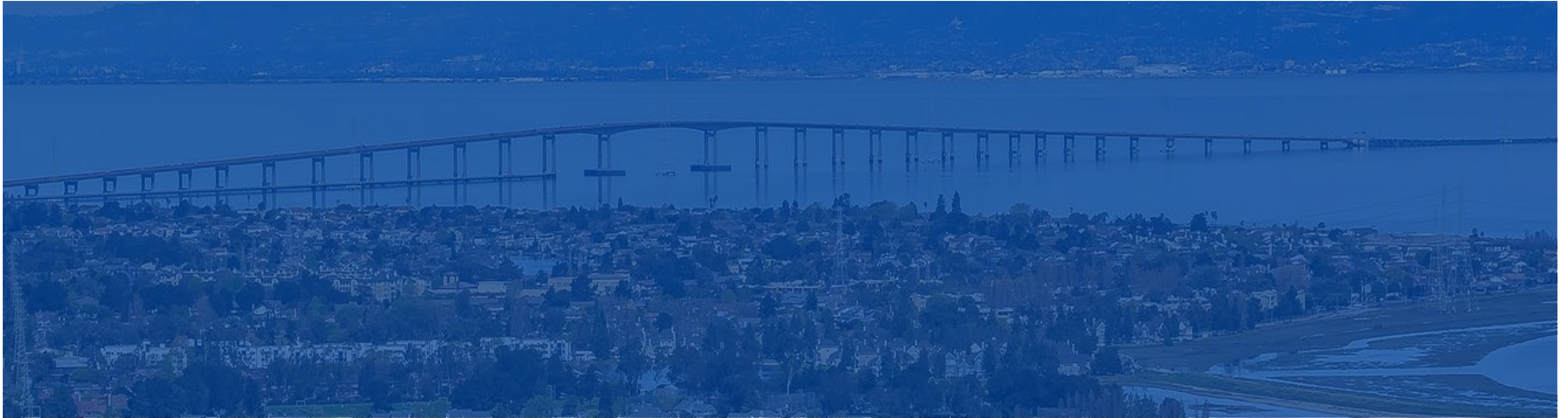
Additional Materials

Spreadsheet – VMT/GHG Mitigation Estimator and Summary

Two-Page Community Program Fact Sheet

C/CAG VMT/GHG Model Mitigation Program | Feedback Form





VMT/GHG Model Mitigation Exchange Program

VMT/GHG Program Types



Countywide
Program

Countywide/Regional Program
for VMT/GHG-Inducing
Transportation Projects

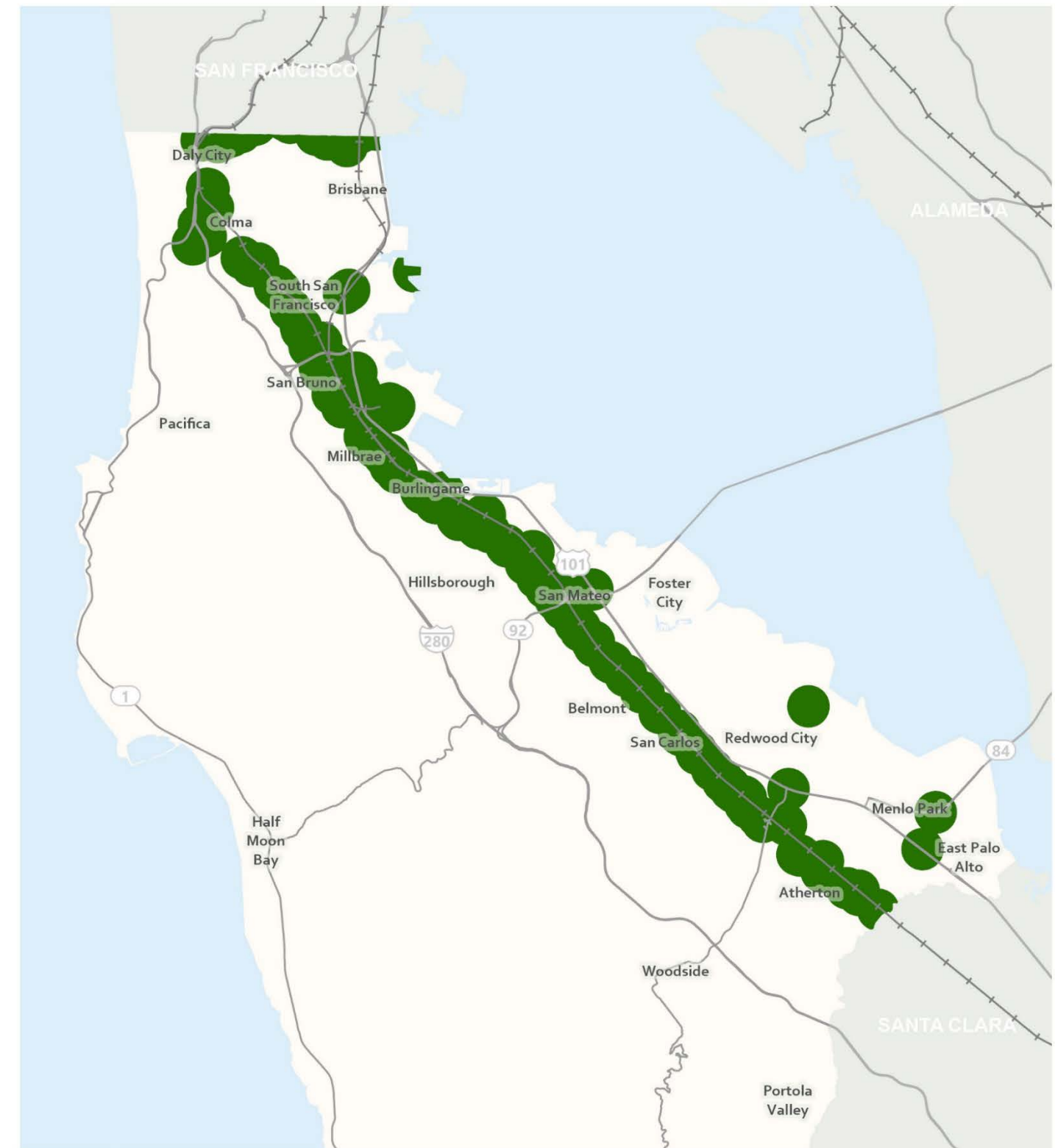


Local Model
Program

Local Model Program
for **Land Use Projects**

When would this program be used?

- For land use projects located outside of High-Quality Transit Areas (map to right).
- Some communities outside of these areas have low-VMT areas where significant VMT impacts would be limited, such as Half Moon Bay's Town Center or East Palo Alto.



High-Quality Transit Areas

**Capital
Mitigation Actions**



**Transit
Priority
Projects**



**Bicycle
Infrastructure**



**Pedestrian
Infrastructure**



**Parking
Management and
Benefit Districts**

**Programmatic
Mitigation Actions**



**Transit Pass
Incentives**



**Countywide
E-Bike Rebate
Program**



**Community
Based Travel
Education**

**Operational
Mitigation Actions**



**Rail Service
Frequency
Expansion**



**Local Transit
Frequency,
Capacity, and
Reliability
Enhancements**



**Mobility
Hubs**



**Micromobility
Systems**



**Shuttle/
Microtransit
Services**

**Land Use or GHG
Reduction
Mitigation Actions**



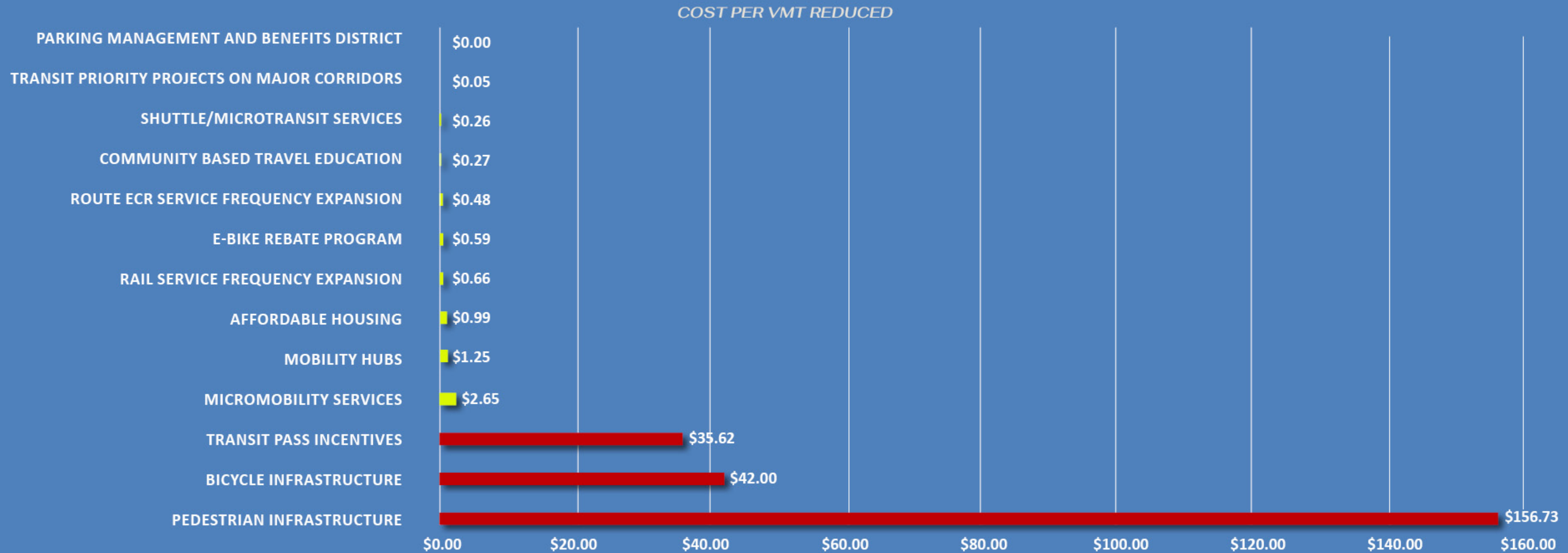
**Affordable
Housing**



**EV Charging
Facilities**

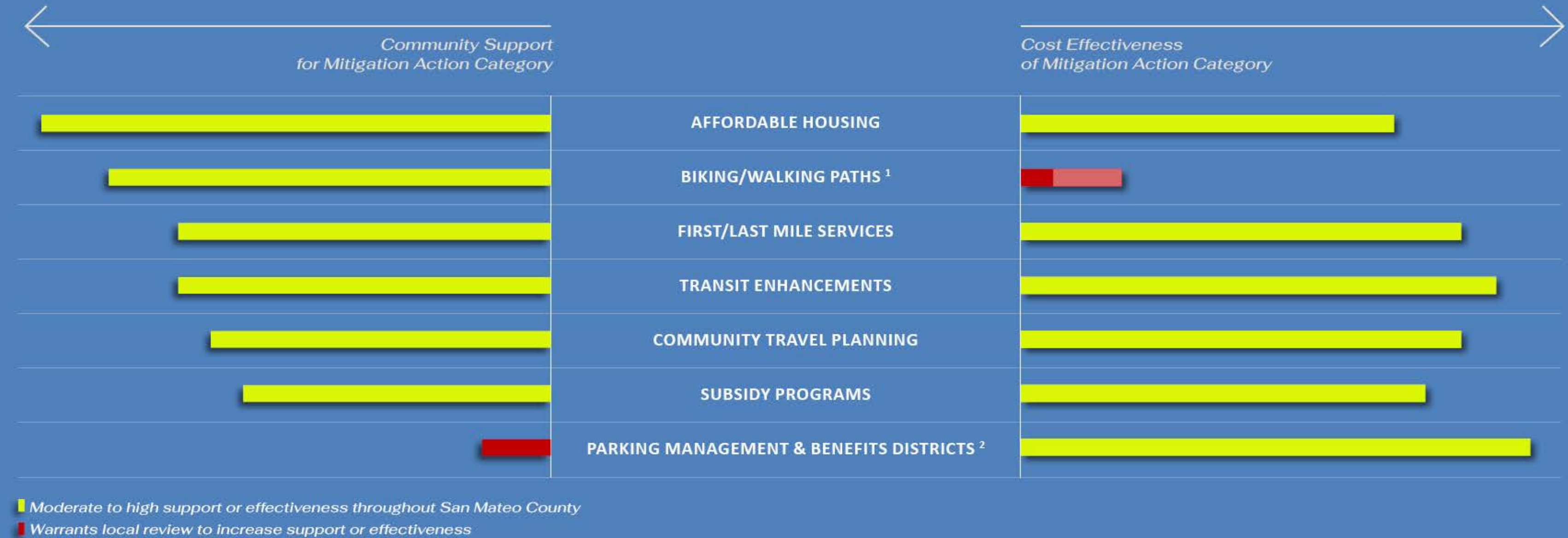
Mitigation Actions

Lifetime Cost Effectiveness of Different Representative Actions



Equity in VMT Mitigation

Feedback from Participating CBO's and Relative Cost Effectiveness



¹ Cost effectiveness could increase in denser, transit/walking oriented, and San Mateo communities.

² This action was changed to Parking Benefits District after feedback was received to enhance benefits to equity communities and thus this mitigation action could be designed to increase community support.

Schedule



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
OCT								TATF 	C/CAG BOD 								CMP 								21E 			CMEQ 											
	Public Draft Report Review																																						
	CBO Follow Up Engagement																																						
NOV	Public Draft Report Review								Final Report for Board Acceptance																									Thanksgiving					
DEC											C/CAG BOD 																Christmas through New Years												
JAN	Caltrans Submittal																																						
FEB	Caltrans Closeout																																						



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Discussion

- Any feedback on the materials in the presentation or about the draft report?
- Feedback can be submitted via online form at:
<https://ccag.ca.gov/projects/county-wide-projects/vmt-ghg-model-mitigation-program/>

C/CAG VMT/GHG Model
Mitigation Program | Feedback
Form





Any final questions or comments?



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