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### **Congestion Management & Environmental Quality (CMEQ) Committee**

<b>Date:</b> Monday October 30, 2023  <b>Time:</b> 3:00 p.m.  <b>Location:</b> San Mateo City Hall Conference Room C 300 W. 20 <sup>TH</sup> Ave San Mateo, CA 94403	<b>Join by Zoom Webinar:</b> <a href="https://us02web.zoom.us/j/86804403873?pwd=Mld5alJjQzNsQ2dXUDcwUWdPdDhXQT09">https://us02web.zoom.us/j/86804403873?pwd=Mld5alJjQzNsQ2dXUDcwUWdPdDhXQT09</a>  <b>Join By Phone:</b> +1-669-900-6833  <b>Zoom Webinar ID:</b> 868 0440 3873  <b>Passcode:</b> 777024
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**\*\*\*HYBRID MEETING - IN-PERSON AND BY VIDEOCONFERENCE\*\*\***

This meeting of the C/CAG CMEQ will be held in person and by teleconference pursuant to Government Code Section 54953(e). Members of the public will be able to participate in the meeting remotely via the Zoom platform or in person at the location above. For information regarding how to participate in the meeting, either in person or remotely, please refer to the instructions at the end of the agenda.

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- |    |   |                                     |              |
|----|---|-------------------------------------|--------------|
| 1. | Call to Order/Roll Call   | Action (Alba)                       | No Materials |
| 2. | Public comment on items not on the agenda   | Presentations are limited to 3 mins | No Materials |
| 3. | Issues from the September C/CAG Board meeting: <ul style="list-style-type: none"><li>• Approval of Resolution 23-94 approving the Proposed 2024 State Transportation Improvement Program (STIP) for San Mateo County.</li><li>• Open a public hearing on the draft update to the Congestion Management Program and continue the public hearing to November 9, 2023.</li></ul> | Information (Lacap)                 | No Materials |
| 4. | Approval of minutes of September 25, 2023 meeting.  | Action (Alba)                       | Pages 1-3    |
| 5. | Receive a Presentation on C/CAG Equity Assessment and Framework Development Project   | Information (Springer)              | Pages 4-11   |
| 6. | Review and recommend approval of the Final 2023 Congestion Management Program (CMP) and Monitoring Report   | Action (Gaye)                       | Pages 12-17  |
| 7. | Executive Director Report   | Information (Charpentier)           | No Materials |
| 8. | Adjournment and establishment of next meeting date:<br><b>November 27, 2023</b>   | Action (Alba)                       | No Materials |



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**PUBLIC NOTICING:** All notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at the San Mateo County Court Yard, 555 County Center, Redwood City, CA, and on C/CAG's website at: <http://www.ccag.ca.gov>.

**PUBLIC RECORDS:** Public records that relate to any item on the open session agenda for a regular Board meeting, standing committee meeting, or special meeting are available for public inspection. Those public records that are distributed less than 72 hours prior to a regular Board meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members, of the Board. The Board has designated the City/County Association of Governments of San Mateo County (C/CAG), located at 555 County Center, 5th Floor, Redwood City, CA 94063, for the purpose of making public records available for inspection. Such public records are also available on C/CAG's website at: <http://www.ccag.ca.gov>. Please note that C/CAG's office is temporarily closed to the public; please contact Mima Guilles at (650) 599-1406 to arrange for inspection of public records.

**PUBLIC PARTICIPATION DURING VIDEOCONFERENCE MEETINGS:** Persons with disabilities who require auxiliary aids or services to participate in this meeting should contact Mima Guilles at (650) 599-1406, five working days prior to the meeting date.

Written comments should be emailed in advance of the meeting. Please read the following instructions carefully:

1. Your written comment should be emailed to [jlacap@smcgov.org](mailto:jlacap@smcgov.org).
2. Your email should include the specific agenda item on which you are commenting or note that your comment concerns an item that is not on the agenda.
3. Members of the public are limited to one comment per agenda item.
4. The length of the emailed comment should be commensurate with the two minutes customarily allowed for verbal comments, which is approximately 250-300 words.
5. If your emailed comment is received at least 2 hours prior to the meeting, it will be provided to the C/CAG CMEQ Committee members, made publicly available on the C/CAG website along with the agenda. We cannot guarantee that emails received less than 2 hours before the meeting will be read during the meeting, but such emails will be included in the administrative record of the meeting.

Spoken comments will be accepted during the meeting in person and through Zoom. Public comments will be taken first by speakers in person, followed by via Zoom. Please read the following instructions carefully:

In-person participation:

If you wish to speak to the C/CAG CMEQ, please fill out a speaker's slip placed by the entrance of the meeting room. If you have anything that you wish distributed to the Committee and included in the official record, please hand it to the C/CAG staff who will distribute the information to the Committee members and staff.

Remote Participation:

1. The C/CAG CMEQ meeting may be accessed through Zoom at the online location indicated at the top of this agenda.
2. You may download the Zoom client or connect to the meeting using an internet browser. If using your browser, make sure you are using a current, up-to-date browser: Chrome 30+, Firefox 27+, Microsoft Edge 12+, Safari 7+. Certain functionality may be disabled in older browsers including Internet Explorer.
3. You will be asked to enter an email address and name. We request that you identify yourself by your name as this will be visible online and will be used to notify you that it is your turn to speak.
4. When C/CAG staff or CMEQ Chair call for the item on which you wish to speak, click on "raise hand." Staff will activate and unmute speakers in turn. Speakers will be notified shortly before they are called on to speak.
5. When called, please limit your remarks to the time allotted.

If you have any questions about this agenda, please contact C/CAG staff: Jeff Lacap, [jlacap@smcgov.org](mailto:jlacap@smcgov.org)

**CITY/COUNTY ASSOCIATION OF GOVERNMENTS COMMITTEE ON CONGESTION  
MANAGEMENT AND ENVIRONMENTAL QUALITY (CMEQ)**

**MINUTES  
MEETING OF September 25, 2023**

The meeting was called to order by Chair Alba at 3:02 p.m. at San Mateo City Hall. Roll call for attendance was taken. Attendance sheet is attached.

**1. Call to Order/Roll Call**

**2. Public comment on items not on the agenda**

None.

**3. Issues from the September 14, 2023 C/CAG Board meeting. (Information)**

Jeff Lacap, C/CAG Staff, noted the agenda listed the status of items recently addressed by the C/CAG Board, and offered to respond to any questions.

**4. Approval of minutes of the August 28, 2023. (Action)**

*Motion – To approve the minutes of the August 28, 2023 CMEQ meeting, Hedges/Jimenez., Brown, McCune, Sullivan, Hedges, Jimenez, Miles-Holland, Papan, Alba, and Ratto.  
Motion Passes 9-0*

**5. Presentation on C/CAG Equity Assessment and Framework Development Project and review of proposed actions for comment. (Information)**

*Item was not presented due to Zoom bombing. C/CAG, Executive Director Sean Charpentier followed up with members of the Committee via email (September 25<sup>th</sup>) and provided a copy of the presentation. Members of the committee were instructed to email staff with any questions or comments.*

**6. Review and recommend approval of the Draft 2023 Congestion Management Program (CMP) and Monitoring Report. (Action)**

*Action was not taken on this item due to Zoom bombing. C/CAG, Executive Director Sean Charpentier followed up with members of the Committee via email (September 25<sup>th</sup>) and provided a copy of the presentation. Members of the committee were instructed to email staff with any questions or comments.*

**7. Executive Director Report (Information)**

*Item was not presented due to Zoom bombing.*

## **8. Member comments and announcements (Information)**

*Item was not presented due to Zoom bombing.*

## **9. Adjournment and establishment of next meeting date**

The meeting adjourned at 3:33 p.m. The next regular meeting is scheduled for October 30, 2023 at San Mateo City Hall.

2023 C/CAG Congestion Management & Environmental Quality (CMEQ) Committee Attendance Report													
Name	Representing	Jan (No Mtg.)	Feb	Mar	Apr	May	Jun (No Mtg.)	Jul (No Mtg.)	Aug	Sept	Oct	Nov	Dec (No Mtg.)
Dick Brown (Woodside Town Council Member)	Elected Official		X	AB 2449	X	X			X	X			
Tom McCune (Belmont City Council Member)	Elected Official		X		AB 2449				AB 2449	X			
Patrick Sullivan (Foster City Council Member)	Elected Official		X	X	X	X			X	X			
Richard Hedges (San Mateo City Council Member)	Elected Official		X	R	Brown Act	X			X	X			
Stacy Jimenez (Foster City Council Member)	Elected Official			X	X	X				X			
Stacy Miles Holland (Atherton Council Member)	Elected Official		X		X	X			X	X			
Juslyn Manalo (Daly City Council Member)	Elected Official			AB 2449	AB 2449	X							
Gina Papan (MTC Commissioner)	Metropolitan Transportation Commission (MTC)		X	X	X	X			X	X			
Lennie Roberts	Environmental Community												
Jessica Alba	Public Member		X	X	X	X			X	X			
Juan Salazar	Business Community			AB 2449		X							
Deborah Penrose	Agencies with Transportation Interests		X		R	Brown Act			X				
Peter Ratto	San Mateo County Transit District (SamTrans)		X	X		X			X	X			
Bevan Dufty	Bay Area Rapid Transit (BART)		X	R		R							
Vacant	Peninsula Corridor Joint Powers Board (Caltrain)												

**Staff and Guests in attendance for the September 25, 2023 Meeting**

Sean Charpentier, Jeff Lacap, Kim Springer - C/CAG Staff

**Remote attendance:** Kaki Cheung, C/CAG, Praveena Samaleti - TJKM

**X** - In person attendance

**AB 2449** – Remote attendance via AB 2449

**R** - Remote attendance

Blank- Absent

**Brown Act** - Remote attendance via Publicly Accessible Teleconference Location

## C/CAG AGENDA REPORT

Date: October 30, 2023

To: Congestion Management & Environmental Quality (CMEQ) Committee

From: Kim Springer, Transportation Systems Coordinator

Subject: Receive a Presentation on C/CAG Equity Assessment and Framework Development Project.

(For further information, contact Kim Springer at [kspringer@smcgov.org](mailto:kspringer@smcgov.org))

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### RECOMMENDATION

Receive a presentation on C/CAG Equity Assessment and Framework Development Project.

### FISCAL IMPACT

The existing Mariposa Planning Solutions agreement for this project is \$200,000.

### SOURCE OF FUNDS

The project is funded with both General Funds and Surface Transportation Program Planning Grant funds.

### BACKGROUND

On April 24, 2022, the C/CAG Board of Directors adopted Resolution 22-16, authorizing the C/CAG Executive Director to execute an agreement with Mariposa Planning Solutions (Consultant) for the C/CAG Equity Assessment and Framework Development Project (Project).

The first presentation on this Project to the CMEQ Committee, was November 28, 2022. At that meeting, staff discussed the scope of the project, provided a draft equity definition for review and discussion, and a historical equity perspective document for information. Staff was scheduled to present at the September 25, 2023; however, the meeting was Zoom bombed and had to be canceled.

C/CAG's role on equity in San Mateo County is unique. C/CAG is not a "safety net" agency in San Mateo County, yet C/CAG programs millions of dollars of funding for a wide variety of projects and programs and has opportunities to support equity efforts in the San Mateo County community. Through the scope of this Project, the Consultant developed an equity definition specific to C/CAG's influence, drafted a historical perspective of injustices and disparities, and completed an analysis of existing demographic conditions and equity focus area mapping. Next, the consultant developed an "equity connections" document that ties challenges and opportunities for C/CAG to reduce disparities, in addition to conducting an internal review of all C/CAG programs. Through this process, a Draft C/CAG Equity Framework Structure, Procedural Steps, & Action Plan was developed. After feedback on the Action Plan and Structure, the Consultant developed a draft C/CAG Equity Assessment and Framework

Development Project final report, a link to which is provided as an attachment to this staff report. A draft Executive Summary is also provided as an attachment to this staff report.

Throughout the project, the Consultant and staff held multiple rounds of Working Group meetings with Community Based Organizations and Agency Partners. Community Based Organizations for this project include Youth Leadership Institute, Samaritan House, Nuestra Casa, El Concilio of San Mateo County, Youth United for Community Action (YUCA), and the Housing Leadership Council. Peninsula Conflict Resolution Center has supported coordination of some of these meetings. The Agency Partners engaged include SamTrans, County of San Mateo Equity Office, County Office of Sustainability, Peninsula Clean Energy, and Commute.org. In addition, the C/CAG Board established an Ad Hoc Equity Committee at its March meeting, with participation from six members.

Through the Project, multiple stakeholder meetings have been held, which included the C/CAG Board, Board Equity Ad Hoc Committee, C/CAG Committees, staff, and agency and community working group meetings, with those groups mentioned above. In total, staff and the Consultant have held 30 stakeholder meetings.

Staff will provide a presentation to the CMEQ Committee, sharing a chronological perspective of the Project. Adoption of the Project final report by the C/CAG Board is scheduled for November 9, 2023.

#### **ATTACHMENTS**

1. Draft C/CAG Equity Assessment and Framework Development Project Executive Summary

*The following attachment is available to download on the C/CAG website (See “Additional Agenda Materials”) at: <https://ccag.ca.gov/committees/congestion-management-and-environmental-quality-committee/>*

2. Draft C/CAG Equity Assessment and Framework Development Project Final Report

# 2023 C/CAG San Mateo County Equity Framework Draft Report

Image Placeholder.



Prepared for San Mateo County C/CAG by:



in partnership with





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# Acknowledgements

The City/County Association of Governments of San Mateo County (C/CAG) Equity Framework would not have been possible without the valuable contributions and leadership of the staff, leaders, and representatives that participated in the process, that served on the Community and Agency Partner Working Groups and that participated in interviews and focus groups to inform the contents of this report. We would also like to thank all C/CAG staff, the C/CAG Board of Directors, Ad-Hoc Committee of the Board, and participating C/CAG Committees for their valuable contributions and leadership.

## Project team:

- Kim Springer, C/CAG
- Christopher Lepe, Mariposa Planning Solutions
- Jake Warr, Espousal Strategies
- Anthony Thomas, Peninsula Conflict Resolution Center (PCRC)
- José R. López, PCRC

## Participating C/CAG Staff:

- Audrey Shiramizu
- Eva Gaye
- Jeff Lacap
- Kaki Cheung
- Kim Weaver
- Mima Crume
- Reid Bogert
- Sean Charpentier, Executive Director
- Susy Kalkin
- Van Dominic Ocampo

## Community Working Group:

- Youth Leadership Institute
- Nuestra Casa
- El Concilio of San Mateo County
- Silicon Valley Bicycle Coalition
- Housing Leadership Council
- Samaritan House
- Youth United for Community Action

## Agency Partners:

- Office of Equity, County of San Mateo
- Office of Sustainability, County of San Mateo
- San Mateo County Health
- SamTrans
- San Mateo County Transit District
- Peninsula Clean Energy
- Commute.org

## C/CAG Board and Committees:

- C/CAG Board of Directors
- C/CAG Board Ad Hoc Committee
- Congestion Management & Environmental Quality Committee (CMEQ)
- Bicycle & Pedestrian Advisory Committee (BPAC)
- Resource Management and Climate Protection Committee (RMCP)
- Congestion Management Program Technical Advisory Committee (CMP TAC)

# Executive Summary

In San Mateo County and across the nation, people of color and other underserved and underrepresented populations face persistently unequal economic, health, and quality of life outcomes. Public and private institutions have historically contributed to these inequities through laws, policies, investment decisions, and other actions. In San Mateo County, this has included investments in transportation infrastructure that reinforced segregation and the practices of redlining and racial steering, and placing undesirable land uses in areas where people of color were concentrated.

The City/County Association of Governments of San Mateo County (C/CAG) is committed to rectifying these and other historic harms by taking concrete steps to advance equity through its planning efforts, projects, programming, and role as a countywide funder that allocates millions of dollars into various programs and projects each year.

C/CAG commits to focusing on both process and outcome equity in its equity advancement journey. This is defined below:

- Process equity prioritizes access, influence, and decision-making power for vulnerable and underserved communities.
- Outcome equity is the result of successful process equity and is demonstrated by tangible benefits for vulnerable and underserved communities (Amended from *Interstate Bridge Replacement Program Definition of Equity*, 2021).

## EQUITY DEFINITION:

***“C/CAG defines equity as acknowledging and addressing historic & existing disparities so that race, class, ethnicity, gender, age, disability, or other demographics do not determine economic, health, and quality of life outcomes. Equity recognizes that members of our San Mateo County community do not all come from the same starting point, and it entails removing systemic barriers and providing customized forms and levels of engagement and support for underserved and impacted communities to remedy past harms and underinvestment.”***

As part of the Equity Framework development process, C/CAG staff participated in a process of listing and review of all their programs, plans, processes, and funding calls, followed by a series of conversations to identify strengths, gaps, challenges, and opportunities to improve process and outcome equity.

**C/CAG's strengths and assets include:**

- Influence as a countywide funder.
- Participation from every jurisdiction through 21 seats on the Board of Directors, and 9 standing committees with 123 seats.
- Experience leading multiple projects, programs, and planning efforts that incorporate equity goals, indicators, metrics, and proposed recommendations or actions.
- Equity-oriented hiring and human resources support from the County of San Mateo.

**Gaps and limitations include:**

- Limitations associated with being an agency that passes most of its funding through to other agencies and local jurisdictions, including:
  - Internal resource constraints for the agency's own projects, programs, and staffing needs, and
  - Intermittent community engagement efforts, resulting in a lack of community awareness of C/CAG's work and significant room to grow in building relationships with CBOs.
- Uneven application of equity advancement in its programs, projects, planning efforts, and funding calls.
- Uneven Board, committee, and staff diversity and equity training and expertise.
- Inadequate representation of historically underserved and underrepresented demographics and geographies on its committees.
- Lack of C/CAG-specific procurement and contracting policies and systems that facilitate participation from Disadvantaged Business Enterprises (DBEs).

**Image Placeholder Pending Image Approval.**

Through the development of this Equity Framework, C/CAG acknowledges that further improving on its strengths and addressing its agency's gaps and limitations will be no easy task, but has set goals, desired outcomes, and actions to make progress. The agency will regularly evaluate and report back to its decision makers, advisory bodies, and community stakeholders, and adjust efforts as needed over time. C/CAG will need to update this internal agency assessment and framework as the agency progresses and new conditions and opportunities emerge.

Informed by the equity analysis, C/CAG will be taking the following steps to implement the report findings, including:

- Applying an Equity Approach and using an Equity Evaluation Review tool to help create standardized processes and practices around achieving equitable processes and outcomes across projects, plans, and programs.
- Committing to an [Action Plan \(Appendix VI\)](#), which includes 7 Equity Goals, 13 Outcomes, and 36 Actions. Action Plan Goals include:

**Goal 1:** *Create and maintain internal equity reporting, feedback, coordination, and collaboration structures.*

**Goal 2:** *Continually strengthen and maintain internal organizational understanding, resources, and capacity.*

**Goal 3:** *Promote economic justice and shared prosperity through procurement opportunities.*

**Goal 4:** *Infuse a pro-equity approach in projects, programs, plans, and funding calls to maximize benefits for Equity Focus Area (EFA) geographies and demographics.*

**Goal 5:** *Build and maintain trust, transparency, and lasting relationships with EFA CBOs and leaders and the populations they serve.*

**Goal 6:** *Use data and mapping to track and help achieve goals and intended outcomes.*

**Goal 7:** *Provide countywide leadership.*

Achieving equity outcomes requires continuous coordination, evaluation, analysis, learning, and adjustments over time. C/CAG sees this Framework and Action Plan as a living document that will evolve over time and be updated before 2030.

C/CAG invites the San Mateo County community to partner in this journey to optimize community benefits, create greater community inclusion and trust, and bring San Mateo County closer to a more equitable future.

## C/CAG AGENDA REPORT

**Date:** October 30, 2023

**To:** Congestion Management & Environmental Quality (CMEQ) Committee

**From:** Eva Gaye, Transportation Program Specialist

**Subject:** Review and recommend approval of the Final 2023 Congestion Management Program (CMP) and Monitoring Report

(For further information contact Eva Gaye at [egaye@smcgov.org](mailto:egaye@smcgov.org))

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### RECOMMENDATION

That the C/CAG Congestion Management & Environmental Quality (CMEQ) Committee review and recommend approval of the Final 2023 Congestion Management Program (CMP) and Monitoring Report.

### FISCAL IMPACT

At the February 2023 meeting, the C/CAG Board approved a consultant contract in the amount of \$141,624 to provide traffic monitoring services for the 2023 CMP.

### SOURCE OF FUNDS

Funding for the project will come from federal Surface Transportation funds and local Congestion Relief Plan funds.

### BACKGROUND

#### *Overview*

Every two years, as the Congestion Management Agency for San Mateo County, C/CAG is required to prepare and adopt a Congestion Management Program (CMP) for San Mateo County. The CMP is prepared in accordance with state statutes, which also establish requirements for local jurisdictions to receive certain gas tax subvention funds. The CMP's conformance with regional goals enable San Mateo County jurisdictions to qualify for state and federal transportation funding. The Metropolitan Transportation Commission (MTC) also reviews the CMP for consistency and compatibility with the Regional Transportation Plan (RTP).

#### *2023 Final CMP Update*

The C/CAG Congestion Management Program Technical Advisory Committee recommended approval of the 2023 Draft CMP at their September 21, 2023 meeting. The Congestion Management and Environmental Quality (CMEQ) Committee was not able to take a formal action at their September 25, 2023 meeting due to a Zoom bombing incident. Staff provided the Committee materials and sought comments and feedback via e-mail.

Responses to the comments received from the C/CAG Committees and Board are summarized in the table below:

<u><b>Date</b></u>	<u><b>Committee</b></u>	<u><b>Comment</b></u>	<u><b>Response</b></u>
9/21/23	CMP TAC	Will there be competition for funding from transit operators that are currently facing a financial cliff?	The current governor's budget provided funding for transit operators, but the funding might not be sufficient to solve the long term challenges some operators face. At this time, it is not anticipated that transit operators would compete for funding with local project sponsors.
9/21/23	CMP TAC	In addition to the travel times reported, will vehicle count data be available for the highway mainlines?	The methodology used to calculate travel times relies on a big data source (INRIX), which only reports travel time, speed, and delay on roadways. Staff will be looking at alternate sources for vehicle count data.
9/25/23	CMEQ Committee	Is there data available showing the changes in transit user demographics before and after the pandemic?	While the CMP performance measures for transit only requires reporting on ridership numbers, SamTrans publishes findings from their annual customer survey which includes rider demographics.
10/12/23	C/CAG Board	Is there a possibility to add new intersections to the Congestion Management Program (CMP)?	C/CAG has developed a Companion Network (Includes 10 roadway segments and 17 intersections) to monitor additional locations that are not included in the CMP Network. All jurisdictions have at least one location in their jurisdiction identified in the Companion Network.

The C/CAG Board opened a public hearing on the draft 2023 Congestion Management Program at their October 12, 2023 meeting. The final Program adoption will take place on November 9, 2023. The final CMP was brought before the Congestion Management Program Technical Advisory Committee on October 19, 2023 and received approval.

### ***Recommendation***

Staff requests that the CMEQ Committee review and recommend approval of the Final 2023 Congestion Management Program (CMP) and Monitoring Report. Staff intends to incorporate any additional comments received prior to the Board adoption in November.

## **ATTACHMENTS**

1. Final 2023 San Mateo County CMP – Executive Summary

The following documents are available on the C/CAG website (*See “Additional Agenda Materials”*) at: <https://ccag.ca.gov/committees/congestion-management-and-environmental-quality-committee/>:

2. Final 2023 CMP Monitoring Report
3. Final 2023 San Mateo County CMP & Appendix



## EXECUTIVE SUMMARY



*US-101 during peak hour conditions*

San Mateo County maintains a Congestion Management Program (CMP) through the City/County Association of Governments of San Mateo County (C/CAG), the designated Congestion Management Agency (CMA), as required by the California Government Code 65089. C/CAG is also required to monitor the implementation of all elements of the CMP and prepare a monitoring report every other year. This report fulfils the biennial monitoring task as required by the State. This 2023 CMP

Monitoring Report provides an insight into the performance of various freeways, multilane highways, two-lane highways, arterials and intersections throughout the County, and assists with key decisions on future investment of transportation dollars.

### **CMP and Companion Monitoring Network**

C/CAG established the CMP Network in 1991 that included all state highways and principal arterials in the County. In total, the 464.7 directional miles of the CMP network includes 301.4 miles of arterials/highways and 163.3 miles of freeways. The CMP network also includes 16 arterial intersections. Each CMP segment and intersection has an adopted LOS standard, discussed further in Chapter 1. This CMP monitoring effort also includes the Companion Monitoring Network (Companion Network), which grew out of a desire to see additional locations monitored besides the CMP network. There are a total of 10 roadway segments and 17 intersections in this network. This network is not subject to the standards and are monitored for information only.

### **Data Collection and Congestion Analysis**

The biennial monitoring task requires extensive data collection for all established CMP and Companion Network segments and intersections included in the network. With changing needs and technological advancements, the data collection methodology has evolved over the last three decades since the first CMP was adopted. In order to collect accurate and useful data that is consistent with prior monitoring efforts, certain data collection methods were followed. The data was collected during May 2023 only on normal commute travel days (i.e.

Tuesdays, Wednesday, and Thursdays), while non-school days and days with any special events or incidents were eliminated. Available commercial speed data, 72-hour traffic counts, turning movement counts, and floating car surveys were utilized for the analysis. The commercial speed data was analyzed to obtain average speeds for each freeway segment and convert to LOS using Highway Capacity Manual (HCM) 1994 methodologies. Arterials and highways were monitored using 72-hour traffic counts and turning movement counts which were used to calculate a volume/capacity (V/C) ratio and assign the LOS based on HCM 1994 procedures. Intersections were modeled in Synchro using either HCM 2010 or 2000 methodology. Further discussion on data collection efforts is included in Chapter 2.

## Monitoring Results

A total of 53 roadway segments and 16 intersections were monitored in this report during the AM and PM peak periods. The worst case direction was chosen as the official LOS, and a summary of these monitoring results are provided in **Table 1**.

**Table 1: 2023 CMP Network Monitoring Results**

Roadway Type	# of CMP Segments	Before Interregional Exemption		After Interregional Exemption	
		LOS Standard Met	LOS Standard Not Met	LOS Standard Met	LOS Standard Not Met
Arterials	27	26	1	27	0
Multilane Highways	1	0	1	1	0
Two-Lane Highways	9	9	0	9	0
Freeways	16	6	10	16	0
Intersections	16	15	1	16	0
<b>TOTAL</b>	<b>69</b>	<b>56</b>	<b>13</b>	<b>69</b>	<b>0</b>

In the 2023 Monitoring Cycle, one arterial segment, one multi-lane highway segment, ten freeway segments and one intersection falls below the LOS standard prior to the interregional exemption. However, all roadway segments met the LOS standard after interregional exemptions.

## **Multi-Modal Performance Measures**

C/CAG monitors four multi-modal performance measures: LOS, multi-modal travel times, bicycle and pedestrian counts, and transit ridership/person throughput. LOS results are provided in Chapter 3. Multi-modal travel times along the US-101 corridor are reported with each biannual CMP monitoring effort. Travel times are measured from county line to county line on US-101 for four modes: single occupancy vehicle, HOV lane, Caltrain, and SamTrans. Travel times improved for vehicles in the HOV lane due to the 16 mile extension of HOV lane on I-101. Single occupant travel times increased significantly compared to 2021, but are the same or less than 2019 travel times. Caltrain travel times decreased slightly from 2021, while SamTrans travel times decreased except for the southbound direction during the PM peak period.

Bicycle/pedestrian planning efforts and counts with historical comparisons are summarized in this section, as is transit ridership for SamTrans, BART, and Caltrain. Overall, all three agencies have seen ridership increase since the pandemic decline as measured in FY 21. However, the increase is still significantly short of the ridership volume measured pre-pandemic in FY 19. This indicates that transit ridership is slowly recovering and still has more growth to return to pre-pandemic levels.