



Sacramento Area Council of Governments  
1415 L Street, Suite 300  
Sacramento, CA 95814

## Project Level Conformity Group Meeting

Wednesday, November 13, 2024, 10:00 am to 11:30 a.m.

### Meeting Information

#### Remote Participation Instructions

- [Join by computer or smart device](#)
- Or dial in using your phone:
  - Dial-in #: (877) 853-5257 or (888) 475-4499
  - Meeting ID: 814 7464 1279

### Agenda

1. Welcome and Introductions
2. 2025 Project Level Conformity Group Meeting Schedule
3. Preliminary Draft Planning Assumptions for 2025 Blueprint (MTP/SCS)
  - a. Regional Planning Partnership (RPP) Special Meeting – 12/4/24
4. Project Exemption Status
5. Next Steps

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## **2025 Project Level Conformity Group Meeting Schedule**

Wednesday, January 8, 2025 at 10:00 am

Wednesday, February 12, 2025 at 10:00 am

Wednesday, March 12, 2025 at 10:00 am

Wednesday, April 9, 2025 at 10:00 am

Wednesday, May 14, 2025 at 10:00 am

Wednesday, June 11, 2025 at 10:00 am

Wednesday, July 9, 2025 at 10:00 am

Wednesday, August 13, 2025 at 10:00 am

Wednesday, September 10, 2025 at 10:00 am

Wednesday, October 8, 2025 at 10:00 am

Wednesday, November 12, 2025 at 10:00 am

Wednesday, December 10, 2025 at 10:00 am

## Air Quality Conformity Assumptions

**Assumption 1:** The SACOG Board adopted population, household, housing, and employment projections for the years 2035 and 2050 at its February 2022 meeting. These land use projections will be used for this conformity analysis and determination and interpolating land use for 2027 and 2042. Vehicle activities for all other milestone years (including 2026, 2029, 2032, 2033) will be interpolated using the available full model runs for 2027, 2035, 2042, and 2050. These projections meet the current definition of “latest planning assumptions.”

**Assumption 2:** Emissions Factor 2021 (EMFAC2021) and approved off-model adjustments will be used to develop emission estimates for the conformity analysis and determination associated with the adoption of the 2025 Blueprint (MTP/SCS). The emission budgets used in the conformity determination are the 8-Hour Ozone (2008 standard) emission budgets; or adjusted budgets based upon pending EPA approval of the Ozone SIP for the 2015 standard. The 2008 budgets were found adequate by EPA on October 22, 2021 and became effective November 22, 2021. Particulate Matter (PM<sub>10</sub>) will use budgets which were found adequate by EPA on March 14, 2024 and became effective April 15, 2024. Fine Particulate Matter (PM<sub>2.5</sub>) will use the Yuba City-Marysville Area budgets found adequate August 25, 2014 and became effective September 9, 2014; or adjusted budgets based upon pending EPA approval of the Second Maintenance Plan.

**Assumption 3:** SACOG will use the most recent emission control factors supplied by the California Air Resources Board (CARB) for use in any future conformity determination. EMFAC2021 is used to determine emission control factors; it uses vehicle fleet assumptions that meet the current definition of “latest planning assumptions.”

**Assumption 4:** SACOG will continue to incorporate emission estimates for the part of Solano County within the Sacramento Federal Ozone Nonattainment Area and federal PM<sub>2.5</sub> nonattainment area in all future conformity determinations as agreed to under SACOG’s existing Memorandum of Understanding (MOU) with the Metropolitan Transportation Commission (MTC).

**Assumption 5:** On-road control measures from the Ozone SIP that are not reflected in the EMFAC 2021 baseline will be documented.

**Assumption 6:** SACOG will use the assumptions on transit fares, auto operating costs, and parking costs consistent with the 2025 Blueprint analysis in the conformity analysis and determination. The transit fares projections are derived from the financing portion of the 2025 Blueprint development. The auto operating costs projections were developed in coordination with other California MPOs and CARB for the fourth round of Sustainable Community Strategies. The parking costs are market-based projections using employment development patterns and densities as the main explanatory variables.

**Table 1. SACOG Air Quality Conformity Emissions Analysis**

2025 Metropolitan Transportation Plan/Sustainable Communities Strategy (2025 Blueprint)

EMISSIONS FACTOR	GEOGRAPHY <sup>1</sup>	TEST TYPE <sup>2</sup>	SEASON <sup>3</sup>	Attainment Designation	2020	2025	2026 <sup>4</sup>	2027 <sup>12</sup>	2029 <sup>5</sup>	2030	2032 <sup>5</sup>	2033 <sup>6</sup>	2035 <sup>13</sup>	2040	2042	2050
Ozone Pre-Cursors (ROG, NOx)	All of Sacramento, Yolo Counties; southern portion of Sutter County; El Dorado and Placer Counties, outside Tahoe Basin; the Sutter Buttes area; portions of Solano County.	Budget <sup>11</sup>	Summer	Nonattainment			X		X		X		X		X	X
PM <sub>10</sub>	Sacramento County	Budget <sup>10</sup>	Winter	Maintenance				X				X	X		X	X
PM <sub>2.5</sub>	Sacramento County and portions of Placer, El Dorado, Solano, and Yolo Counties	Interim until budgets are established	Winter	Nonattainment			X						X		X	X
	Sutter County and a portion of Yuba County	Budget <sup>9</sup>	Winter	Maintenance			X						X		X	X
<i>MPO Milestone Forecasting Years for MTP and MTIP</i>																
SACOG <sup>7</sup>	Sacramento, Sutter, Yolo, and Yuba Counties; Placer and El Dorado Counties, outside the Tahoe Basin.	n/a	n/a		X			X					X		X	X
MTC <sup>8</sup>	9-County Bay area; includes the portion of eastern Solano County in the Sacramento Valley ozone non-attainment area, and for the PM <sub>2.5</sub> conformity area.	n/a	n/a			X				X				X		X

Source: SACOG, October 2024

Notes:

<sup>1</sup> See Figure 1 for specific areas and geographies for each emissions factor.

<sup>2</sup> Where mentioned "Budget" figures come from the latest adopted State Implementation Plan or motor vehicle emissions budget adequacy finding.

<sup>3</sup> Indicates which season is used for setting EMFAC2021 for estimating emissions.

<sup>4</sup> 2026 is modeled to reflect the attainment year for the 2015 ozone standard. 2026 is a budget year for Yuba City-Marysville PM2.5 Maintenance Area.

<sup>5</sup> 2029 and 2032 are two proposed budget years for 70 ppb 8-hr ozone SIP

<sup>6</sup> 2033 is the proposed attainment year for PM10 under the second maintenance plan.

<sup>7</sup> These are the milestone forecast years for SACOG's regional travel demand modeling input files (e.g. land use, population, employment and demographic files). Vehicle activity forecasts needed for interim years are generated by interpolating input files by subarea, and running the travel demand model with travel networks for the air quality conformity analysis years.

<sup>8</sup> These are the milestone forecast years of MTC's regional travel demand modeling input files. For ozone and PM<sub>2.5</sub> analysis, MTC provides to SACOG travel demand model vehicle activity files for eastern Solano County for these milestone years. For ozone and PM2.5 conformity analysis years which fall between the milestone years, SACOG staff interpolates the given vehicle activity data using average annual growth factors.

<sup>9</sup> The "2014 Yuba City-Marysville PM<sub>2.5</sub> Maintenance Plan and Redesignation Request" budgets were found adequate by EPA in a letter dated August 12, 2014; effective September 9, 2014. The proposed budgets in the second PM10 10-year maintenance plan for 2026 and 2035 are pending.

<sup>10</sup> The budgets were approved by EPA on March 14, 2024 and effective April 15, 2024. 2027 and 2033 are two budget years.

<sup>11</sup> The "Sacramento Regional 2008 NAAQS 8-Hour Ozone Attainment Plan and Reasonable Further Progress Plan," and the Sacramento Metro Area portion of the "2018 Updates to the California State Implementation Plan." were approved by the EPA on October 22, 2021. Budgets became effective on November, 2021.

<sup>12</sup> 2027 is a budget year for the second 10-year PM10 maintenance plan for Sacramento County.

<sup>13</sup> 2035 is a budget year and the attainment year of the second PM2.5 10-year maintenance plan for Yuba City - Marysville area.

**Review of the Regional Conformity Status for New and Revised Projects**

#	County	MTIP ID	Sponsor	Project Name	Project Description	Expanded Project Description	Project Type	Additional Comments
1	YOL	CAL21487	Caltrans D3	Yol-16 Vision Zero Shoulder Widening	Grouped Projects for Safety Improvements - SHOPP Collision Reduction Program: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Railroad/highway crossing, Safer non-Federal-aid system roads, Shoulder improvements, traffic control devices and operating assistance other than signalization projects, Intersection signalization projects at individual intersections, Pavement marking demonstration, Truck climbing lanes outside the urbanized area, Lighting improvements, Emergency truck pullovers	In Yolo County, near Cadenasso, from 0.3 mile east of County Road 79 to 0.2 mile west of County Road 81 (PM 21.200/21.900). Construct 4-foot shoulders, rumble strips, and retaining wall, rehabilitate drainage systems, and upgrade signs and guardrail.	Exempt (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	
2	SAC	CAL21488	Caltrans D3	SAC-51 Outer Separation Barrier	Grouped Projects for Safety Improvements - SHOPP Collision Reduction Program: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Railroad/highway crossing, Safer non-Federal-aid system roads, Shoulder improvements, traffic control devices and operating assistance other than signalization projects, Intersection signalization projects at individual intersections, Pavement marking demonstration, Truck climbing lanes outside the urbanized area, Lighting improvements, Emergency truck pullovers	In the city of Sacramento, from 0.1 mile north of Fulton Avenue to Auburn Boulevard Ramp Overcrossing (PM 6.900/7.700). Construct outer separation concrete barrier and chain link fence, upgrade overhead signs, and rehabilitate drainage systems.	Exempt (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	
3	YOL	YCT18305	Yolo Transit District	Expansion of Microtransit Vehicles and Purchase of Parts Inventory	Grouped Projects for Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet	Expansion Project. Purchase of 8 microtransit vehicles and Microtransit vehicle parts.	Exempt (40 CFR 93.126) - Mass Transit - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet	
4	SAC	REG18076	SacRT	Purchase New Light Rail Vehicles (NTP# 6)	Grouped Projects for Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet	Purchase five (5) replacement low floor light rail vehicles (NTP #6). This is a component of the Light Rail Modernization Project which includes replacement of 76 LRVs with new low floor vehicles.	Exempt (40 CFR 93.126) - Mass Transit - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet	