Southern California Association of Governments 2027-28 CMAQ-STBG Application Solicitation for Project Nominations

-	lete Application Checklist tachment files should be clearly named prior to upload.
✓	Application Narrative Responses
	Section 1: General Information
	Section 2: Project Type, Scope, and Location
	Section 3: Project Funding Request, Cost Estimate and Match
	Section 4: Project Schedule and Readiness
	Section 5: Scored Criteria
	Section 5A: CTC Prioritization
	Section 5B: Federal Performance Management Areas
	Section 5C: Equity
	Section 5D: Air Quality Improvements and Cost Effectiveness (CMAQ Eligible Projects Only)
	Section 6: County Transportation Commission Supplemental Questions
	Attachment – Clear and High-Quality Project Map
	Attachment – GIS Compatible file of project location (kmz, shp, etc.)
	Attachment – Project Programming Detail and Match Sheet
	Attachment – Federal Performance Management Areas Supporting Documentation
	Attachment – Equity Project Location Supporting Documentation
	Attachment - Documentation for community engagement, public participation, and outreach
	Attachment – Air Quality Improvement Quantification and Cost Effectiveness Analysis
	Attachment – CTC Supplemental Questions
	Attachment – One page project fact sheet (optional)

Overview

Projects selected for nomination **must** be submitted through the online application to be considered by the Southern California Association of Governments (SCAG) for Congestion Mitigation and Air Quality Improvement Program, and/or Surface Transportation Block Grant Program funding.

The program guidelines are available here - https://scag.ca.gov/surface-transportation-block-grant-program-congestion-mitigation-and-air-quality-improvement-program

Submissions are due through the online application by 5pm on May 16, 2025.

Please select the County Transportation Commission that your project would pertain to*:

Required fields are indicated with an asterisk (*).

Section 1: General Information

☐ Imperial County Transportati	ion Commission (ICTC) Ditan Transportation Authority (LA Metro)		
☐ Orange County Transportation Authority (OCTA)			
☐ Riverside County Transportation Commission (RCTC)			
☐ San Bernardino County Trans	sportation Authority (SBCTA)		
☐ Ventura County Transportati	on Commission (VCTC)		
Project Title*			
Nominating/Implementing Agency*			
Implementing Agency Mailing Address			
Primary Contact Name*			
Primary Contact Title*			
Primary Contact Email*			
Primary Contact Phone Number*			
Alternate Contact Name			
Alternate Contact Title			
Alternate Contact Email			
Alternate Contact Phone Number			
Phase(s) of Work that request would support (PA&ED, PS&E, ROW, CON)*			
Total Funding Request*			
Implementing Agency Caltrans Master Agreement			

Number (N/A If no master agreement is currently in place)*		
PA&ED – Project Approval and E	 Invironmental Docเ	uments PS&E- Plans, Specifications and Estimates
ROW – Right of Way		CON - Construction
Section 2: Project Type, Scope, a	nd Location	
Existing RTP ID (if applicable)		
Existing FTIP ID (if applicable)		
Please indicate the program cate	gory that the propo	sed project belongs to.*
Clean Transportation		
Transit and Multimodal Ir		
Transportation Demand N		and a Mary and and
Transportation System M Climate Resilience and Na		
System Preservation and		ration
Complete Streets	Resilience	
	uidelines for evami	ples of project types within these categories:
	and and the condition	nee e, project types mann ances suregemes.
CMAQ federal guidance for proje	ect eligibility:	
		ity/cmaq/policy and guidance/cmaq-program-interim-
guidance-revised-infrastructure-		
STBG federal guidance for project	ct eligibility:	
https://www.fhwa.dot.gov/spe	cialfunding/stp/bil	stbg implementation guidance-05 25 22.pdf
_	• •	need of the project and concise scope of work. Please include
the location of the proposed proj	ect including projec	t limits, cross-streets, or other indicators of location.*
Type response here.		
<u>ATTACHMENT:</u> For all projects pl	ease ATTACH:	
 a clear and high-quality μ 	roject map	
 a GIS compatible file of the 	ne project location (kmz, shp, etc.)
 one page project fact she 	et (optional)	
Please provide the following add	tional location indic	cators:
County/Counties*		
City Council District (if applicabl	e)	
Subregion or Council of Governi	ments	
Air Basin*		
State Assembly District(s)*		
State Senate District(s)*		
U.S. Congressional District*		

Functional Classification of Roadway (not applicable for transit projects)*	
Reference: California Road System -	
Functional Classification	

Section 3: Project Funding Request, Cost Estimate, and Match*

ATTACHMENT - Please complete the **Project Programming Detail and Match** spreadsheet and upload file. Please escalate cost to year of expenditure.

Please summarize funding information from completed **Project Programming Detail and Match** spreadsheet into the table below.

Phase of work applying for:	Fund Type Requested (CMAQ/STBG)	Federal Funding Request	Match ¹	Other Funds ²	Total Project Cost
		(1	in dollars, \$000's	s)	
Preliminary Engineering (PE) – PA&ED					
PE - PS&E or Final Design					
ROW					
CON					
TOTAL					

- 1 All federal funds (STBG/CMAQ) must include a minimum of 11.47% match in non-federal funds. Due to limited availability of toll credits, project applicants should be prepared to provide a local match source in the event toll credits are not available for STBG and CMAQ funds. Tolling projects require 20% local match.
- 2 Programming additional local funding over the required match is recommended for items that are not federally eligible.

Ineligible Costs

Final eligibility determinations are subject to review and approval by Caltrans and the Federal Highways Administration or the Federal Transit Administration. SCAG intends to recommend some projects be funded with a combination of CMAQ and STBG funds in an effort to address this issue. However, applicants should also consider exceeding the local match or local funding contingency in order to fully fund the project, where components may be deemed ineligible. Additional information and resources on eligible activities can be found in the program guidelines. Please indicate below if there are known STBG or CMAQ ineligible costs included in the scope of work for the proposed project.

Fund Source	Ineligible Costs Descriptions	Total Ineligible Costs

STBG- ineligible	
CMAQ - ineligible	

Please provide any supplemental information as needed (For example, if CMAQ ineligible costs are still STBG eligible, any ineligible components that are not included in the funding request, etc.):

Type Response here.

Cost Increases

Describe the project sponsor's ability to address any cost increases outside of this program.*

Type Response here.

Section 4: Project Schedule and Readiness*

Please complete the following draft schedule for the proposed project.

Start Date/Date	Completion Date
	Start Date/Date

^{1 –} Implementing Agency may not advertise for construction until FHWA has approved the E76 and funds are considered obligated for the project phase.

Environmental Document Detail

Environmental Document type*:	
Environmental Document	
completion date (actual or expected)*:	

Project Readiness and Deliverability*

^{2 –} Construction contract award may not proceed using federal funds if E76 was not approved before advertisement for work.

Is the project already federalized? If yes, please provide the existing federal project number.
Type Response here.
Has the project been environmentally cleared?
Type Response here.
Does the project have a valid right-of-way certification?
Type Response here.
Identify any known risks to the project schedule and how the project sponsor will mitigate and respond to thos risks. Examples of schedule risks include complicated utility relocations, land acquisition needs, and rail compar coordination.
Type Response here.
How is the project being coordinated with impacted or stakeholder agencies (Caltrans, Transit Operator utilities, railroads, adjacent cities, other state and federal agencies, etc.)?
Type Response here.
Section 5: Scored Criteria
Section 5A: County Transportation Commission (CTC) Prioritization
SCAG will consider CTC Prioritization based on the comprehensive list of all project applications submitted fro each county. Only applications included on the applicable CTC Prioritization list will receive a score for CT Prioritization.
Please select prioritization*: (To be determined by CTC)
☐ Highly Recommended
□ Recommended
☐ Contingency List
□ Not Recommended
☐ Initial Submittal for CTC Review
Section 5B: Federal Performance Management Areas*
Please select all that apply:
PM1 – Transportation System Safety
PM2 – National Highway System (NHS) Pavement and Bridge Condition
PM3 – NHS Performance
FIVIS = IVI IS FELLULLIANCE

PM3 – CMAQ Program

Transit System Safety

Transit Asset Management

FPM Areas Supplemental Information

PM1 – Transportation System Safety

Please indicate projects level of impact to the FPM area:

- High: Projects that have a primary objective to improve safety.
- Medium: Projects that have a secondary objective to improve safety.
- Low or N/A: Project with no specific elements designed to improve safety.

(High, Medium, Low, N/A)

General Responses

Does the proposed project implement one or more of the proven FHWA Safety Countermeasure?

Resource: https://highways.dot.gov/safety/proven-safety-countermeasures

Type Response here.

Project Specific Responses

How many fatalities or serious injuries have occurred in the project area in the last five years (in project area or parallel comparable facility if applicable)? Please describe how collision factors were considered in the development of the proposed project.

Resource: Transportation Injury Mapping System - https://tims.berkeley.edu/

Quantitative Data Response:

ATTACHMENT – Optional for supporting documentation.

PM2 – National Highway System Pavement and Bridge Condition

Please indicate projects level of impact to the FPM area:

- High: projects whose primary purpose is to improve highway pavement or bridge condition.
- Medium: projects that include a pavement or bridge improvement element within its scope of work but is not its primary focus.
- Low or N/A: projects that have no pavement or bridge improvement element within its scope of work.

(High, Medium, Low, N/A)

General Responses

For projects that include pavement improvements, what is the average Pavement Condition Index (PCI) of the County that the project is located in?

RESOURCE

2022 Statewide Local Streets and Roads Needs Assessment Report

https://savecaliforniastreets.org/wp-content/uploads/2023/05/Statewide-Needs-2022-FINAL.pdf

Enter value 0-100.

For projects that include pavement improvements, what is the average PCI category of the City that the project is located in?

RESOURCES

2022 Statewide Local Streets and Roads Needs Assessment Report

https://savecaliforniastreets.org/wp-content/uploads/2023/05/Statewide-Needs-2022-FINAL.pdf

PCI Maps by County

https://savecaliforniastreets.org/executive-summary/pci-maps-by-county/

Select one of the following:

Excellent (86-100)

Good (71-85)

At Risk (50-70)

Poor (0-49)

For projects that include bridge rehabilitation, what is the percent of "poor" bridges in the **county** that the project is located in?

RESOURCE

2020 Local Bridge Needs Assessment Report – Figure 3.2

https://www.savecaliforniastreets.org/wp-content/uploads/2021/09/California-Local-Bridge-Needs-Assessment-Report-2020-Final-090121.pdf

Select one of the following:

Less than 4%

4% to 14.9%

15% or more

Project Specific Responses

For projects that include bridge rehabilitation, what is the current bridge condition of bridge proposed for improvement?

RESOURCE

USDOT - FHWA InfoBridge - https://infobridge.fhwa.dot.gov/Home

Select one of the following:

Good (7-9 and N/A)

Fair (5-6)

Poor (0-4)

For projects that include pavement improvements, what is expected change in the Pavement Condition Index (PCI) or International Roughness Index (IRI) score of pavement in project area as a result of the proposed improvement?

Type Response here.

For projects that include bridge rehabilitation, what is the expected change in bridge condition as a result of the proposed project?

Type Response here.

For all PM2 projects, what is the estimated useful life or lifespan of the proposed improvement?

Type Response here.

For all PM2 projects, If the project is on the highway system, does the project need to be identified in the statewide Transportation Asset Management Plan or approved SHOPP?

ATTACHMENT – Optional for supporting documentation.

PM3 - National Highway System (NHS) Performance

Please indicate projects level of impact to the FPM area:

- High: projects that are designed specifically for the purpose of improving travel times or reduce congestion
- Medium: projects that include enhancements in travel times or congestion reduction as part of its scope of work but is not the primary focus of the project.
- Low or N/A: project with no specific elements designed to improve performance in roadway travel time

(High, Medium, Low, N/A)

General Responses

Is the proposed project identified in a Comprehensive Multimodal Corridor Plan? Or a Congestion Management Plan?

Type Response here.

Would the proposed project provide relief to one of the Top 100 Bottlenecks identified in the Connect SoCal Congestion Management Technical Report? If yes, identify rank number.

RESOURCE

Connect SoCal – Congestion Management Technical Report

https://scag.ca.gov/sites/main/files/file-attachments/23-2987-tr-connect-socal-2024-congestion-management-draft-110223.pdf?1698263162

Type Response here.

Project Specific Responses

What is expected change in the person hours of travel time saved as a result of the proposed project?

Type Response here.

What is current average peak period travel time reliability index through the project area?

RESOURCE

Caltrans ArcGIS WebApplication – Travel Time Metrics

https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=0f811efc3ff344408d2c8fc36c922a89

Type Response here.

PM 3 - Freight Movement

Please indicate projects level of impact to the FPM area:

- High: projects that are designed specifically for the purpose of improving freight travel times
- Medium: projects that include enhancements in freight travel times as part of its scope of work but is not the primary focus of the project.
- Low or N/A: project with no specific elements designed to improve freight travel time

(High, Medium, Low, N/A)

General Responses

Would the proposed project provide relief to one of the bottlenecks in the SCAG Region identified in the Connect SoCal Goods Movement Technical Report?

RESOURCE

Connect SoCal Goods Movement Technical Report

Table 8

https://scag.ca.gov/sites/main/files/file-attachments/23-2987-tr-goods-movement-final-040424.pdf?1712261912

Type Response here.

Is the proposed project identified in a project list of the Connect SoCal Goods Movement Technical Report?

RESOURCE

Connect SoCal Goods Movement Technical Report

https://scag.ca.gov/sites/main/files/file-attachments/23-2987-tr-goods-movement-final-040424.pdf?1712261912

Table 11 – Seaport Projects

Table 12 – Rail Projects

Table 13 – Highway Projects

Type Response here.

Project Specific Responses

What is expected change as a result of the proposed project in one of the following metrics?

- daily vehicle hours of delay
- truck volume
- rail volume

Type Response here.

ATTACHMENT – Optional for supporting documentation.

PM3 - CMAQ Program

Please indicate projects level of impact to the FPM area:

- High: projects that are designed specifically for the purpose of improving air quality.
- Medium: projects that include air quality improvements as part of its scope of work but is not the primary focus of the project.
- Low or N/A: project with no specific elements designed to improve regional air quality.

(High, Medium, Low, N/A)

General Responses

Please describe the air quality benefit provided by the proposed project.

Type Response here.

Project Specific Responses:

To fulfill requirements of PM3, please refer to and complete the **Air Quality Improvements and Cost Effectiveness** section of the application.

Transit Asset Management

Please indicate projects level of impact to the FPM area:

- High: projects specifically intended to improve transit asset condition
- Medium: projects that include improvements to transit assets as part of its scope of work but is not the primary focus of the project.
- Low or N/A: project with no specific elements designed to improve transit asset conditions

(High, Medium, Low, N/A)

General Responses

Is the proposed project identified in the respective area's Transit Asset Management Plan?

Type Response here.

Project Specific Responses

How many new transit assets are being added? What is the useful life of the new transit assets?

RESOURCE:

FTA Useful Life Benchmark

https://www.transit.dot.gov/sites/fta.dot.gov/files/2021-11/TAM-ULB-CheatSheet.pdf

Type Response here.

For replacement projects, please indicate the number of assets being replaced and the current age of transit asset proposed for replacement compared to the useful life.

RESOURCE:

FTA Useful Life Benchmark

https://www.transit.dot.gov/sites/fta.dot.gov/files/2021-11/TAM-ULB-CheatSheet.pdf

Type Response here.

For all transit assets included in the proposed project, in reference to the following table, please estimate how the proposed project will improve the condition of these transit assets.

TERM Rating	Condition	Description
Excellent	4.8 - 5.0	No visible defects; new or near new condition; may still be under warranty if applicable
Good	4.0 - 4.7	Good condition, but no longer new; may be slightly defective or deteriorated, but is overall functional
Adequate	3.0 - 3.9	Moderately deteriorated or defective, but has not exceeded useful life
Marginal	2.0 - 2.9	Defective or deteriorated; in need of replacement; exceeded useful life
Poor	1.0 - 1.9	Critically damaged or in need of immediate repair; well past useful life

Type Response here.

ATTACHMENT – Optional for supporting documentation.

Transit System Safety

Please indicate projects level of impact to the FPM area:

High: projects that have a primary objective to improve safety.

- Medium: projects that have a secondary objective to improve safety.
- Low or N/A: project with no specific elements designed to improve safety.

(High, Medium, Low, N/A)

General Responses

Is the proposed project identified in the respective areas Transit Agency Safety Plan?

Type Response here.

Project Specific Responses

Please describe how the proposed project will reduce transit-related fatalities or injuries.

Type Response here.

If applicable, please describe how the project will reduce operator assaults (verbal and physical).

Type Response here.

Please describe how the proposed project will improve transit system reliability (reduce or prevent major mechanical system failures).

Type Response here.

ATTACHMENT – Optional for supporting documentation.

Section 5C: Equity Project Location

Please select the priority populations definition that has been selected to identify geographies that relate to
he proposed project.
None
SCAG Priority Equity Communities
Caltrans Transportation Equity Index
Climate and Economic Justice Screening Tool (Justice40)
USDOT Equitable Transportation Community Explorer
Native American Tribal Lands
Other (Explain)
f "other" definition was used, please identify and explain:
ype response here.
ATTACHMENT- Optional for supporting documentation.

Pleas	se select one option that applies to the proposed project
	Project is a plan that will consider impacts to disadvantaged communities and populations as part of development.
	The proposed project is located in an identified priority populations geography.
	The proposed project is adjacent to an identified priority populations geography
	The proposed project is not recommended to be located in any of the identified priority population geographies (explain below).
Туре	response here.

Project Benefits

As part of the SoCal Connect 2024 Equity Analysis Technical Report, the following strategies have been
determined to contribute to advancing equitable transportation in the SCAG region. Please identify all that
apply to the proposed project scope.
The proposed project will improve access to everyday destinations for priority populations (jobs,
retail, parks, school, health care).
The proposed project will improve mobility options for priority populations.
The proposed project would improve walking and biking conditions for priority populations and/or on the SCAG High Injury Network.

The proposed project includes improvements to noise or air quality for residential areas adjacent to railroads and railyards.
The proposed project includes a grade separation that would improve safety for priority populations.
The proposed project includes transit improvements.
The proposed project includes adaptation or resilience improvements for populations living in climate risk areas, including flood hazard zones, sea level rise, wildfire risk, landslide hazard areas, extreme heat, drought, and earthquake hazard zones.
The proposed project would improve air quality for priority populations, while minimizing impacts outside of the immediate project area.
The proposed project would reduce noise impacts from transportation for priority populations, while minimizing impacts outside of the immediate project area.
The proposed project would reduce heavy- and/or medium-duty truck volumes through a community with identified priority populations.

Project Benefits Supplemental Narrative

Please describe how the project supports the benefits identified above.

Type Response here.

Section 5D: Air Quality Improvements and Cost Effectiveness (CMAQ Eligible Projects Only)

Please provide all data in kg/day. CO_2 is requested in both kg/day and MT/day. Air quality improvements may be divided by project component at applicants' discretion. Please attach screenshots of input sheets.

Required - FHWA CMAQ Emissions Toolkit -

https://www.fhwa.dot.gov/environment/air_quality/cmaq/toolkit/

If available FHWA CMAQ Emissions Toolkit does not capture the proposed project type, other methodologies will be accepted. Please attach documentation of methodology.

- Caltrans B/C Tool Suite https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/state-planning/transportation-economics
- CARB Automated Cost-effectiveness Calculation Tool –
 <u>https://ww2.arb.ca.gov/resources/documents/congestion-mitigation-and-air-quality-improvement-cmag-program</u>

Project Component	VOC (kg/day)	CO (kg/day)	NO _x (kg/day)	PM10 (kg/day)	PM2.5 (kg/day)	TOTAL
Component Description						
TOTAL						

CO ₂ (MT/day)	
CO ₂ (kg/day)	

Cost Effectiveness

Please calculate cost effectiveness of the proposed project using the general equation provided below. Please include ALL estimated project costs in the calculation for cost-effectiveness (rather than just the CMAQ-funded share).

Equation			Response
General Equation - Please pro	vide output in (\$/kg)	ĺ	
HWA Calculation:			
Cost-effectiveness=(Total Pro	<u> </u>	<u> </u>	<u>Air</u>
Quality Improvements)(Proje	ect Lifetime in Years)]		
Total project cost: cost for all	phases of the project		
Annual air quality improveme	ents = VOC + CO + NO	χ -	x +
			_
PM10 + PM2.5 annually			
<u>Project lifetime in years: expe</u>	ected project lifetime	,	_
see table below			
ee table below			
Table 6. Examples of Project Life Periods for I			
Table 6. Examples of Project Life Periods for I Category Traffic Flow Improvements	Project Evaluation. Project Life Expectancy (Years)		
Category	Project Life Expectancy (Years)		
Category Traffic Flow Improvements	Project Life Expectancy (Years) 10-20		
Category Traffic Flow Improvements Shared Ride Programs – Operational	Project Life Expectancy (Years) 10-20 1-2		
Category Traffic Flow Improvements Shared Ride Programs – Operational Shared Ride Programs – Infrastructure	Project Life Expectancy (Years) 10-20 1-2 12		
Category Traffic Flow Improvements Shared Ride Programs – Operational Shared Ride Programs – Infrastructure Travel Demand Management Bicycle/Pedestrian Facilities Transit Improvements – Operational/Amenities	Project Life Expectancy (Years) 10-20 1-2 12 1-2		
Category Traffic Flow Improvements Shared Ride Programs – Operational Shared Ride Programs – Infrastructure Travel Demand Management Bicycle/Pedestrian Facilities Transit Improvements – Operational/Amenities Transit Improvements – Infrastructure	Project Life Expectancy (Years) 10-20 1-2 12 1-2 15		
Category Traffic Flow Improvements Shared Ride Programs – Operational Shared Ride Programs – Infrastructure Travel Demand Management Bicycle/Pedestrian Facilities Transit Improvements – Operational/Amenities Transit Improvements – Infrastructure Technology Improvements (New Transit Vehicles)	10-20 1-2 12 1-2 15 1-2 15 1-2 10-30 4		
Category Traffic Flow Improvements Shared Ride Programs — Operational Shared Ride Programs — Infrastructure Travel Demand Management Bicycle/Pedestrian Facilities Transit Improvements — Operational/Amenities Transit Improvements — Infrastructure Technology Improvements (New Transit Vehicles) Dust Mitigation	Project Life Expectancy (Years) 10-20 1-2 12 1-2 15 1-2 10-30 4 5-20		
Category Traffic Flow Improvements Shared Ride Programs – Operational Shared Ride Programs – Infrastructure Travel Demand Management Bicycle/Pedestrian Facilities Transit Improvements – Operational/Amenities Transit Improvements – Infrastructure Technology Improvements (New Transit Vehicles)	10-20 1-2 12 1-2 15 1-2 15 1-2 10-30 4		

<u>ATTACHMENT</u> – If applicable, please provide supporting documentation of air quality improvements and cost effectiveness reported.

Section 6: County Transportation Commission Supplemental Questions

Please refer to the supplemental questions from the respective CTC:

- Imperial County Transportation Commission (ICTC)
- Los Angeles County Metropolitan Transportation Authority (LA Metro)
- Orange County Transportation Authority (OCTA)
- Riverside County Transportation Commission (RCTC)
- San Bernardino County Transportation Authority (SBCTA)
- Ventura County Transportation Commission (VCTC)

ATTACHMENT - File Upload for CTC Supplemental Questions.