



Federal Transportation Improvement Program

Final 2027 Federal Transportation Improvement Program Guidelines

NOVEMBER 2025

MOBILITY + COMMUNITIES + ENVIRONMENT + ECONOMY

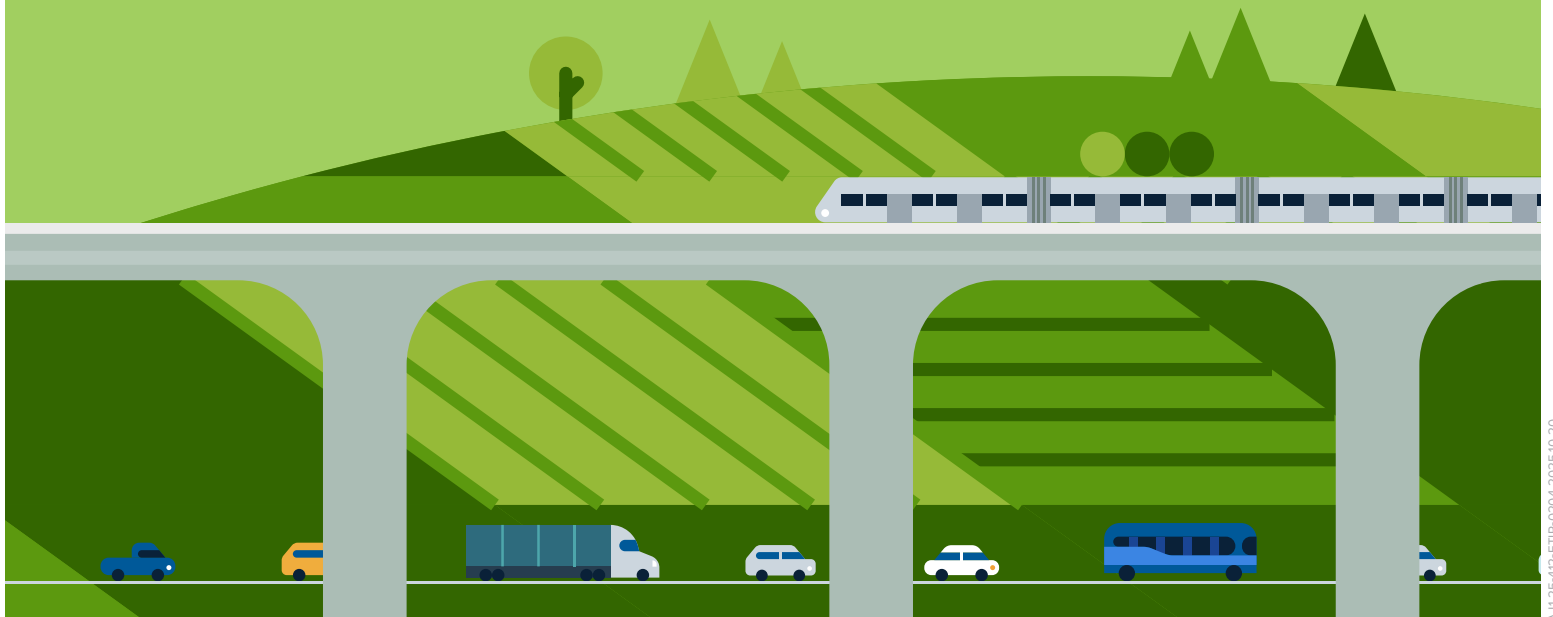


Table of Contents

I. Policy and Requirements.....	1
Introduction.....	1
General Overview of FTIP Process	2
FTIP Period	3
Policy Guidelines.....	4
The AB 1246 Process.....	4
SB 375 Sustainable Communities Strategy (SCS)	5
Purpose of Environmental Documents in Programming.....	5
The State Transportation Improvement Program (STIP)	6
The Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)	7
Performance Measures and Rulemaking	8
Safety.....	10
Corridor Planning	10
Consultation (Interagency) and Public Involvement	12
Regional Funding Priorities	13
Project Selection, Project Programming, and Expedited Project Selection Procedures Criteria.....	14
FTIP Amendment and Administrative Modification Approval Procedures –	
SCAG Executive Director Authority	17
CMAQ, STBG and CRP Funded Projects (SCAG Selected Programs)	17
Identifying Intelligent Transportation Systems (ITS) Projects and Components	18
Annual Listing of Obligated Projects	18
Congestion Management Process (CMP)	19
Active Transportation Program (ATP).....	21
National Highway Freight Program	22
Equity.....	23
Climate Action Plan for Transportation Infrastructure (CAPTI)	23
Tribal Transportation Improvement Program and Federal Lands Highway Transportation Improvement Program.....	24
II. Schedules and Submittals	26
Adoption Schedule for the FY 2027 FTIP	26
2027 FTIP CHECKLIST	28
Submittals to SCAG	30
III. Transportation Air Quality Conformity and Modeling	35
A. Transportation Air Quality Conformity Requirements	35
B. Air Basins, Air Districts, and Non-attainment and Maintenance Areas in the SCAG Region.....	36
C. Required Modeling for Transportation Conformity.....	47
D. Regionally Significant Projects.....	51
E. Modeling	59
F. Non-federal / Non-regionally Significant Projects – 100% Locally Funded	59
G. Projects Exempt from Conformity	60
H. Projects Exempt from Regional Emissions Analysis	61

IV. Transportation Control Measures (TCMs)	64
A. TCM Definitions and Categories	64
B. TCM Rollover Process	66
C. Substitution of Individual TCMs	67
D. TCM Project Categories for the SCAB and SCCAB	68
V. Programming, Tip Database and References	72
A. PROGRAMMING	72
B. eFTIP DATABASE	94
C. REFERENCE SECTION	110
VI. Financial Plan	148
A. Financial Plan Required Documentation	148
B. Capital and Operating Revenue & Expense Budgets for Major Bus and Rail Operators	150
C. SCAG Financial Plan Forecast/Revenue Estimates	152
VII. Amendments and Administrative Modifications	156
A. FSTIP/FTIP Administrative Modifications and Amendments Procedures	156

I. Policy and Requirements

Introduction

The 2027 Federal Transportation Improvement Program (FTIP) Guidelines have been prepared to facilitate the work of the region's county transportation commissions (i.e., Imperial County Transportation Commission, Los Angeles County Metropolitan Transportation Authority, Orange County Transportation Authority, Riverside County Transportation Commission, San Bernardino County Transportation Authority, and Ventura County Transportation Commission), transit operators, and the California Department of Transportation (Caltrans) in development of county Transportation Improvement Programs (TIPs) for inclusion in the Southern California Association of Governments (SCAG) 2027 FTIP. These guidelines assist in the development of the county TIPs that fulfill the legal, administrative, and technical requirements prescribed by the law and which minimizes duplicate efforts by the county transportation commissions, Caltrans, SCAG, and other agencies.

Significant changes in transportation funding on both the federal and state levels have taken place in recent years. First, on November 15, 2021, the Infrastructure Investment and Jobs Act (IIJA) (Public Law 117-58), was signed into law. The IIJA, which is a five-year transportation funding and authorization bill that will expire in September 2026, maintains many provisions from the Fixing America's Surface Transportation Act (FAST Act) (Public Law 114-95) and Moving Ahead for Progress in the 21st Century Act (MAP-21)(Public Law 112-114) provisions while also adding a national freight program. In April 2017, the Road Repair and Accountability Act of 2017 (SB 1) was approved by both houses of the California Legislature. SB 1 is anticipated to provide roughly \$5 billion annually in tax revenues. SB 1 funding guidelines have been developed, and further information on the SB 1 programs can be found in section V (page 72).

Issuance of future executive orders, federal guidance on transportation policy, and the passage of the next federal surface transportation bill could materially affect the 2027 FTIP in areas such as funding, programming, and performance management. Any such developments will be subsequently addressed and communicated to county transportation commissions.

Although changes have occurred in the funding arena, the emphasis on system performance and sustainability remains at the forefront. MAP-21, followed by the FAST Act and IIJA, signaled a new era that initiated a performance-based approach for transportation decision making. This included the establishment of performance targets, integration of other performance-based plans, and demonstration of progress in achieving established performance targets. At the state level, Assembly Bill (AB) 32 (Global Warming Solutions Act of 2006) and Senate Bill 375 (Sustainable Communities and Climate Protection Act of 2008) aim to reduce greenhouse gas (GHG) emissions. SCAG must ensure that the projects submitted by the county transportation commissions for inclusion in the FTIP comply with the policy changes resulting from the IIJA and subsequent federal surface transportation bills and support the intent of improved system performance and sustainability while creating a transportation network that meets the needs of the general public.

The FTIP is the document prepared by a metropolitan planning organization (MPO) that lists projects to be funded with Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Caltrans, and local funds for the next four-year period. The FTIP is a key component in the process by which the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) is implemented. It does so by providing an orderly allocation of federal, state, and local funds for use in planning and building specific

projects. The FTIP is required to advance the RTP/SCS by programming the projects contained in the RTP/SCS, in accordance with federal and state requirements. These include specific requirements for the scheduling of projects, financing, and the timely implementation of transportation control measures to help reduce air pollution.

Development of these guidelines is the first step in drafting the 2027 FTIP. It provides the framework and federal, state, and SCAG requirements for developing the FTIP for the SCAG region. The FTIP is part of the process by which projects secure federal and state funds for implementation. Like the RTP/SCS, the FTIP is dynamic. Changes to the FTIP occur frequently to accommodate changes in funding, project schedules, and changes to SCAG and county transportation commission priorities. The ability to amend projects allows flexibility as thousands of projects in the region are at different stages of planning and construction. Ultimately, these projects will be built to further enhance the regional transportation network.

The following sections provide detailed requirements for programming projects in the FTIP, functioning as a primer for county transportation commission submittal of projects for inclusion into the FTIP. **It should be noted that references to the IJJA, FAST Act, and MAP-21 in these guidelines reflect the programmatic structure established in this law and applicable, current regulations under 23 CFR Part 450 (new implementing regulations have not yet been promulgated by FHWA/FTA).**

General Overview of FTIP Process

SCAG is required under both federal and state law to develop an FTIP (23 U.S.C. §134 (j) and 49 U.S.C. § 5303(j); 23 CFR Part 450; Cal. Government Code §14527, 65082 and Cal Public Utilities Code §130301 et seq.). The FTIP is the short-range program that implements the long-range RTP/SCS to accomplish improvements in mobility and air quality. SCAG is the MPO designated pursuant to federal law and transportation planning agency (and multi-county designated transportation planning agency) designated under state law for the six-county Southern California region. SCAG's planning boundaries encompass the following counties: Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. SCAG develops the FTIP in cooperation with the state (i.e., Caltrans), the county transportation commissions, and public transit operators. Federal and state requirements applicable to the development of the FTIP include but are not limited to the following:

- Required under federal law to be updated at least every four years, approved by SCAG, and approved by the governor. Pursuant to state law, SCAG updates the FTIP every two years.
- Developed consistent with the SCAG Public Participation Plan and the AB 1246 consultation process with the county transportation commissions and Caltrans as set forth in the Public Utilities Code Section 130059 and 132800.
- Consistent with SCAG's RTP/SCS as the FTIP implements the projects and programs in the plan.
- Compatible with the STIP development and approval process (see page 6 for discussion of the STIP process).
- Subject to compliance with the transportation conformity requirements in the federally designated non-attainment and maintenance areas. In the South Coast Air Basin and in the Ventura County portion of the South Central Coast Air Basin (SCCAB), the FTIP shall give priority to eligible Transportation Control Measures (TCMs) identified in applicable State Implementation Plans (SIPs) in accordance with the U.S. Environmental Protection Agency (U.S. EPA) transportation conformity regulations (40 CFR Part 93) and shall provide for their timely implementation. TCMs are transportation projects and programs that are identified in applicable SIPs to help reduce air pollution from mobile sources. The 2027 FTIP must pass the five required federal transportation

conformity tests, including consistency with the adopted RTP/SCS, regional emissions analysis, timely implementation of TCMs, financial constraint, and interagency consultation and public involvement.

- Consistent with financial constraint regulations (23 CFR Part 450.326(k)) that stipulate “financial constraint shall be demonstrated and maintained by year and shall include sufficient financial information to demonstrate which projects are to be implemented using current and/or reasonably available revenues, while federally supported facilities are being adequately operated.” Projects in air quality non-attainment and maintenance areas can be included in the first two years of the FTIP and STIP only if funds are “available and committed” (23 CFR Part 450.326 (k)). Therefore, non-attainment and maintenance areas may not rely on proposed new taxes or other new revenue sources for the first two years of the FTIP and STIP until such sources have been enacted by legislation or referendum. In addition, federal funds distributed on a discretionary basis are not considered available or committed until they are awarded by a federal or state agency. Revenue and cost estimates for the FTIP must use an inflation rate(s) to reflect “year of expenditure dollars” based on reasonable financial principles and information (23 CFR Part 450.326 (j)).
- Making progress toward achieving the performance targets established under § 450.306(d). The FTIP shall include, to the maximum extent practicable, a description of the anticipated effect of the FTIP toward achieving the performance targets identified in the metropolitan transportation plan, linking investment priorities to those performance targets.

These and other federal and state-mandated FTIP requirements are described in the sections that follow. Also described in these guidelines is the process for implementing the FTIP program in the SCAG region in accordance with state and federal rules. The schedule for processing the 2027 FTIP is provided on page 26. A flow chart of the FTIP development process is provided on page 25.

FTIP Period

The FTIP must cover a period of not less than four years but may cover a longer period. The SCAG 2027 FTIP covers a six-year period, from October 1, 2026 (federal fiscal year 2026-27) to September 30, 2030 (federal fiscal year 2029-30). Projects listed in the last two years of the FTIP federal fiscal year (FFY) 2030-31 and FFY 2031-32 will be considered informational consistent with federal regulations.

The frequency and cycle for updating the FTIP must be compatible with the STIP development and approval process. In California, under Government Code Section 14529, the STIP is a five-year program. The STIP is a key planning document for funding state highway, active transportation, intercity rail, and transit improvements throughout California. State law requires the California Transportation Commission (CTC) to update the STIP biennially, in even numbered years, with each new STIP adding two new years to prior programming commitments. The 2024 STIP covers FFY 2024-25 through FFY 2028-29, and the 2026 STIP covers FFY 2026-27 through FFY 2030-31. Projects adopted in these STIPs must be programmed in the 2027 FTIP.

Policy Guidelines

- The FTIP is the primary means of implementing the RTP/SCS.
- To ensure consistency with the RTP/SCS, staff will compare FTIP projects with the first five- and ten-year implementation schedules of the RTP/SCS.
- Timely implementation of committed TCM projects is required for conformity findings in South Coast Air Basin (SCAB) and Ventura County portion of South Central Coast Air Basin (VC/SCCAB). TCM projects must be programmed prior to programming other capacity increasing projects.
- Each project in the county TIPs submitted to SCAG must be consistent with and reflect investment priorities established in the most recently adopted RTP, in accordance with federal requirements. Each FTIP project must show consistency with the project's design concept, and timely implementation as reflected in the adopted RTP/SCS.
- The FTIP shall also include projects and programs consistent with the statewide Strategic Highway Safety Plan (SHSP) and other transit safety and security planning and review processes, plans and programs, as appropriate.
- In accordance with provisions of MAP-21, which were continued through the FAST Act and IIJA, applicable projects should be designed to promote progress toward achieving federal performance targets established pursuant to rulemaking provided by the U.S. Department of Transportation (US DOT).
- To ensure successful compliance with SB 375, SCAG, in collaboration with the county transportation commissions, must achieve full compliance with the approved SCS. The county transportation commissions ensure that transportation infrastructure investments proposed in the counties' individual long range transportation plans are consistent with SCAG's RTP/SCS.

The AB 1246 Process

As set forth in the Public Utilities Code Section 130000 et-seq. (otherwise known as the "AB 1246 Process"), SCAG, in developing the FTIP, must also consult with the county transportation commissions and Caltrans.

Pursuant to Section 130301 of the Public Utilities Code, "{t}he multicounty designated transportation planning agency {SCAG} which includes the area of the {county transportation} commission shall be responsible for long-range transportation system planning, including preparation of the regional transportation plan..." More specifically, such planning shall be directed to, among other things: "{c}oordination of the plans and short-range transportation improvement programs developed by the commissions, including resolution of conflicts between such plans and programs" and "{r}eview and comment concerning all near-term transportation improvement programs after the development of, but prior to, adoption of such programs by the commission." Public Utilities Code § 130301(h) and (j).

Compliance with AB 1246 is currently handled via a special meeting immediately prior to standing Regional CEO's committee meetings. The group attending the AB 1246 meeting includes the CEOs of the county transportation commissions and Caltrans. The draft FTIP is presented to this group for review and comment prior to SCAG Regional Council adoption. Informally, SCAG, the county transportation commissions, and Caltrans collaborate across several standing staff level groups.

SB 375 Sustainable Communities Strategy (SCS)

With the passage of the Sustainable Communities and Climate Protection Act of 2008 (SB 375), MPOs such as SCAG are required to adopt a Sustainable Communities Strategy (SCS) as part of their Regional Transportation Plans (RTP) that provide a framework for achievement of goals for the reduction of greenhouse gas (GHG) emissions from automobiles and light trucks in the region. The result is an RTP/SCS that identifies opportunities to reduce regional vehicle miles traveled (VMT) by integrating long-range transportation and land use planning. In effect, this will reduce GHG emissions from passenger vehicles by lessening the distances traveled for work, school, or recreation. SB 375 mandates that the SCS reduce GHG emissions by 2020 and 2035 compared to 2005 levels and requires the California Air Resources Board (CARB) to establish GHG emission targets for each MPO. CARB must review the SCS submitted by each MPO throughout the state and either accept or reject that MPO's determination that the strategy would, if implemented, achieve its GHG emission reduction target.

In 2012, SCAG adopted its first SCS, the 2012–2035 RTP/SCS. SCAG's initial SCS included specific actions and strategies that focused on five key areas: land use, the transportation network, transportation demand management, transportation system management (TSM), and clean vehicle technology. SCAG adopted the most recent 2024–2050 RTP/SCS (Connect SoCal 2024) in April 2024.

Upon adoption of Connect SoCal 2024, SCAG determined that the plan met or exceeded all requirements for a SCS as set forth in SB 375. A description of the SCS and how the requirements are addressed is included in the adopted Connect SoCal 2024 in Chapter 5, as well as in the Performance Monitoring Technical Report. CARB accepted the SCS on May 7, 2025, acknowledging that the per-capita GHG emission reduction targets of 8 percent by 2020 and 19 percent by 2035 from 2005 levels had been met or exceeded.

SCAG ensures that the FTIP achieves transportation conformity as mandated by federal agencies. It is through SCAG's adopted RTP/SCS resolution that the FTIP conforms with the RTP/SCS consistent with Government Code Section 65080(b)(2)(B)(viii) and the federal Clean Air Act, (p. 237-243 [Connect SoCal 2024](#)).

Purpose of Environmental Documents in Programming

Transportation projects involving a discretionary action by a lead agency require environmental approval via either the National Environmental Policy Act (NEPA) and/or the California Environmental Quality Act (CEQA) process to satisfy federal and/or state regulations. These approvals are required so projects can proceed from the planning stages to subsequent phases such as final design, right-of way (ROW) acquisition, and construction. While projects that are minor in scope are usually exempt from complex environmental analysis, larger projects need to undergo a thorough analysis to ensure that impacts to the environment are identified and minimized. This analysis is documented in the environmental document and a reference to the document type and date of approval are necessary inputs of programming a project in the FTIP.

Projects programmed in the FTIP often undergo both the NEPA and CEQA environmental review processes to satisfy state and federal requirements and permit the readiness for federal funding and approval. While CEQA applies to all transportation projects in the FTIP, there are two conditions that can determine if the project will require a NEPA environmental analysis. The first condition is if the project receives federal funding. Many projects in the FTIP are funded with federal dollars and thus must undergo the NEPA process and receive federal approval of its environmental document. The second condition is if

a project requires federal permits or approval as part of the NEPA analysis, such as interstate access projects.

NEPA environmental compliance requires that a project meet transportation conformity in order to obtain federal approval. A project's inclusion into a currently conforming RTP and/or FTIP demonstrates that a project has met transportation conformity¹. A project's scope and schedule in the environmental document must be consistent with the currently conforming RTP and/or FTIP to ensure alignment between these two processes. Any time revisions occur, a lead agency needs to submit those scope and schedule revisions for approval during an RTP and/or FTIP update opportunity, and this way maintain consistency in both the RTP/FTIP and the environmental document.

A project can forego the NEPA process even if it is considered regionally significant if it will not be utilizing federal funds or require federal approval. However, those projects are still subject to CEQA and the associated environmental document and approval date need to be captured as part of the programming details. These projects must be programmed in the FTIP as stated by title 23 CFR Part 450.326. All regionally significant projects must be programmed in the FTIP.

Regardless of which environmental review process is initiated, the information must be included when programming projects in the FTIP. This information assists SCAG in developing the baseline scenarios for the regional emissions analysis. Thus, it is important that accurate information for the environmental document and approval date be entered into the FTIP database. For detailed information on programming environmental documents in the FTIP, refer to page 72 of these Guidelines.

The State Transportation Improvement Program (STIP)

The California Transportation Commission (CTC) is required to adopt and submit a STIP to the legislature and the Governor by April 1 of each even-numbered year. The STIP contains a list of all capital improvement projects to be funded with Regional Transportation Improvement Program (RTIP) and Interregional Transportation Improvement Program (ITIP) funds. The CATC is required to adopt the five-year fund estimate by August 15 of each odd numbered year.

Pursuant to Cal. Government Code 14527(a), "After consulting with the department [Caltrans], the regional transportation planning agencies and county transportation commissions shall adopt and submit to the commission [California Transportation Commission] and the department [Caltrans], no later than December 15 of each odd-numbered year thereafter, a five-year regional transportation improvement program in conformance with Section 65082. In counties where a county transportation commission or authority has been created --- the commission or the authority shall adopt and submit the county transportation improvement program, in conformance with Sections 130303 and 130304 of that code, to the multicounty designated transportation planning agency [SCAG]."

The STIP Guidelines require that regions be responsible for developing goals, objectives and priorities that include consideration of the overall performance of the transportation system consistent with federal and state planning requirements. The STIP Guidelines state that "In order to maximize the state's investments in transportation infrastructure, it is the Commission's policy that each RTIP be evaluated for performance and cost-effectiveness at the regional level and, where applicable, at the project level." Like the 2024 STIP, the 2026 STIP Guidelines will require performance evaluation based on:

¹ Transportation projects requiring NEPA documents such as an EIS, FONSI, or CE must meet transportation conformity requirements (40 CFR §93.109).

- A. Regional level performance evaluation.
- B. Evaluation of cost-effectiveness.
- C. Project specific data on proposed changes to the built environment.
- D. Project-level benefit evaluation.

SCAG, as the MPO, will conduct an analysis of A. Regional level performance evaluation and B. Evaluation of cost-effectiveness. Each of the six county transportation commissions will be responsible for C. Project specific data on proposed changes to the built environment and D. Project-level benefit evaluation. For SCAG to conduct analysis for items A and B above, each county transportation commission must submit their RTIP program to SCAG in September of each odd year.

Other STIP programming-related requirements that affect the FTIP include:

- The STIP will be limited to projects that are expected to receive an allocation of STIP funds from the Commission within the STIP five-year period.
- The RTIP submittal may not change the project delivery milestone date of any project as shown in the adopted STIP without the consent of Caltrans or the project lead.
- Major projects shall include current costs updated as of November 1 of the year of submittal and escalated to reflect “year of expenditure dollars.”
- Proposed RTIP projects must be consistent with the adopted RTP/SCS and subject to federal transportation conformity requirements.
- New projects must have completed a Project Studies Report (PSR) or a PSR-equivalent for projects not on the state highway system.

Projects to be included in the FTIP for implementation (construction) must have undergone the environmental and design phases required by FHWA/FTA (unless 100% state funded) and the state process. Major construction projects require a completed multi-modal alternative analysis through NEPA.

The IIJA continues the Transportation Alternatives set-aside from the Surface Transportation Block Grant (STBG) program. Eligible uses of the set-aside funds include all projects and activities that were previously eligible under the Transportation Alternatives Program under the Moving Ahead for Progress in the 21st Century Act (MAP-21). New bicycle and pedestrian projects may be programmed by a region and Caltrans in the RTIP and ITIP, respectively, as these projects may be funded with State Highway Account or Federal funds.

The Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

SCAG updates the long-range RTP/SCS every four years in accordance with state and federal requirements [Cal. Government Code 65080; 23 U.S.C. § 134 et seq.]. Both the FHWA and FTA must jointly review and certify the RTP to conform with the applicable state implementation plan in accordance with the provisions of 40 CFR Parts 51 and 93. On the state side, pursuant to SB 375, CARB must review and either approve or reject SCAG’s determination that the SCS met the established GHG emission reduction targets for 2020 and 2035. The most recent RTP/SCS, Connect SoCal 2024, will serve as the foundation for the development of the 2027 FTIP.

IMPLEMENTATION OF RTP/SCS MODELED PROJECTS

The RTP/SCS includes modeled projects for completion in specific timeframes, thus establishing not only a project listing, but also a generalized phasing of capacity projects for implementation. County transportation commissions will need to program modeled projects as scheduled for implementation within an appropriate time frame and ensure that they become operational during the time frame indicated in the RTP/SCS. The time frame is based on the modeled horizon years outlined by air basin in Section IIIC. Required Modeling for Transportation Conformity.

A project programmed into the FTIP indicates it is advancing from the plan stage to the implementation stage with the commitment of funding and defined details on scheduling its phasing towards completion. More specifically, the funding for projects programmed in the first four years of the 2027 FTIP must be committed or available. Whereas projects not included in the quad of the 2027 FTIP should be advanced only when additional funding becomes available and when the county transportation commissions are able to demonstrate that they are in full compliance with the requirements. Whenever a modeled/capacity enhancing project proposes a scope change, schedule update that crosses a model horizon year (due to project advancement or delay), or inclusion in the RTP/SCS or if it is not in the approved RTP/SCS, the project must be amended in a subsequent RTP/SCS prior to being amended in the FTIP. See section III. Transportation Air Quality Conformity and Modeling on page 35 for detailed guidance on determining which projects need to be modeled.

IMPLEMENTATION OF TDM AND TSM PROJECTS FOR CONGESTION MANAGEMENT

In compliance with Federal law [23. U.S.C. 134 and 49 U.S.C. 5303-5305], SCAG has made the Congestion Management Process (CMP) an integral part of the regional transportation planning process, including the RTP/SCS and the FTIP. Connect SoCal's CMP is dependent on the implementation of Transportation Demand Management (TDM) and Transportation System Management (TSM) investments to meet state and federal requirements on congestion reduction. Every effort should be made to program TSM/TDM projects in developing the 2027 FTIP. For additional guidance on the implementation of TDM and TSM strategies, see the [Final Connect SoCal Congestion Management Technical Report](#) and the [SCAG TDM Strategic Plan and Final Report](#).

Performance Measures and Rulemaking

With passage of the 'Moving Ahead for Progress in the 21st Century' (MAP-21) legislation in 2012, performance measures assumed a central role in transportation planning at all levels. Subsequent federal transportation authorization legislation ('FAST' Act and IIJA) reaffirmed the federal commitment to the establishment of transportation performance measures. Federal rulemaking later finalized provisions on performance measures and the setting and reporting of targets for highway safety, transit asset management, and transit safety. Federal performance measures were also established for National Highway System (NHS) performance, freight movement, the Congestion Mitigation and Air Quality (CMAQ) program, and for NHS pavement and bridge condition.

The final rulemaking for NHS performance focuses primarily on travel time reliability on the Interstate System and other NHS roadways. Freight Movement performance measures focus on truck travel times. Performance measures promulgated in support of the CMAQ program focus on travel delay, emissions of criteria pollutants, and single occupancy vehicle mode share. Pursuant to federal legislation, both Caltrans and California's MPOs (including SCAG) are required to adopt targets for these performance measures. These targets are required to be included in the FTIP. Table I-A (Federal Performance Measures

Rulemaking & Implementation Schedule) includes a summary of the designated federal performance measures. SCAG coordinates with Caltrans in the development of appropriate statewide and regional targets for the respective performance measures, to understand their implications, and to assess and report performance over time. SCAG will continue to coordinate with Caltrans on implementation of the federal transportation performance management program.

Table I-A Federal Performance Measures Rulemaking

Performance Area	Link
Highway Safety Performance Measures (PM 1)	https://www.federalregister.gov/documents/2016/03/15/2016-05202/national-performance-management-measures-highway-safety-improvement-program
Highway Safety Improvement Program	https://safety.fhwa.dot.gov/hsip/rulemaking/
Statewide & Metropolitan Planning; Non-Metropolitan Planning	https://www.gpo.gov/fdsys/pkg/FR-2016-05-27/pdf/2016-11964.pdf
NHS Pavement & Bridge Performance Measures (PM 2)	https://www.federalregister.gov/documents/2017/03/21/2017-05518/national-performance-management-measures-assessing-pavement-condition-for-the-national-highway
Highway Asset Management Plan	https://www.federalregister.gov/documents/2016/10/24/2016-25117/asset-management-plans-and-periodic-evaluations-of-facilities-repeatedly-requiring-repair-and
National Highway System (NHS) Performance, Freight, & CMAQ (PM 3)	https://www.federalregister.gov/documents/2017/01/18/2017-00681/national-performance-management-measures-assessing-performance-of-the-national-highway-system
Public Transportation Safety Program	https://www.federalregister.gov/documents/2016/08/11/2016-18920/public-transportation-safety-program
National Public Transportation Safety Plan	https://www.gpo.gov/fdsys/pkg/FR-2017-01-18/pdf/2017-00678.pdf
Public Transportation Agency Safety Plan	https://www.regulations.gov/document?D=FTA-2015-0021-0001
Transit Asset Management Plan	https://www.gpo.gov/fdsys/pkg/FR-2016-07-26/pdf/2016-16883.pdf

Metropolitan Transportation Planning Final Rule at 23 CFR 450.340 requires that any RTP and FTIP developed on or after May 27, 2018, must meet the new federal performance-based planning

requirements. Furthermore, any RTP or FTIP adopted on or after October 1, 2018, must be developed according to the performance-based provisions and requirements in the Transit Asset Management (TAM) Final Rule.

RTPs must also report on progress achieved in meeting the TAM targets, in comparison with system performance recorded in previous reports (23 CFR 450.324(f)(4)(i)). Additionally, FTIPs must describe the anticipated effect toward achieving the TAM targets set in the RTP, linking investment priorities to those targets (23 CFR 450.326(d)). SCAG worked with the county transportation commissions and transit agencies as part of the RTP development to support the selection of performance targets and will report progress in the subsequent FTIP.

The Federal Transit Administration (FTA) published the Public Transportation Agency Safety Plan (PTASP) Final Rule in July 2018, with an effective date of July 19, 2019. The Final Rule (49 CFR 673) requires transit agencies to establish a PTASP, including transit safety performance targets, by July 2020. The Final Rule (49 CFR 673) required transit agencies to establish a PTASP, including transit safety performance targets, by July 2020. SCAG developed initial regional transit safety performance targets as required, which were adopted by the Regional Council in June 2021. SCAG worked with the county transportation commissions and regional transit agencies as part of the RTP/SCS development to select regional performance targets and will report progress in the subsequent FTIPs.

Safety

FHWA requires State Departments of Transportation (DOTs) to work with Metropolitan Planning Organizations (MPOs) to assess fatalities and serious injuries on all public roads and to set annual safety performance targets for (at a minimum):

- Number of Fatalities.
- Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT).
- Number of Serious Injuries.
- Rate of Serious Injuries per 100 million VMT.
- Number of Non-motorized Fatalities and Non-motorized Serious Injuries.

State DOTs and MPOs are expected to use the information and data generated through the annual performance monitoring and reporting process to help make informed transportation planning and funding decisions that result in fewer transportation fatalities and serious injuries.

Caltrans is required to update the statewide transportation safety targets on an annual basis, releasing the revised targets for the subsequent year in August of each calendar year. SCAG is required to establish regional targets for the same five safety performance measures within 180 days after Caltrans establishes its statewide targets (by the end of February). SCAG is required to demonstrate that the FTIP makes progress towards achieving SCAG's adopted regional safety targets and that it includes, to the maximum extent practicable, a description of the anticipated effect of the FTIP towards achieving the performance targets in the RTP/SCS. SCAG must show that it is moving in the right direction based on the package of FTIP projects slated for completion, and SCAG must also describe how much of an impact the projects will make toward achievement of the targets.

Corridor Planning

Corridor planning is a multimodal transportation planning approach that recognizes that transportation needs are based on the complex geographic, demographic, economic, and social characteristics of

communities. These locations are tied together by a complex system of streets, roads, highways, trails, paths, rail lines, bus corridors, and other elements that affect the convenience, safety, and accessibility of transportation choices.

Objectives of corridor planning may include the following:

- Encourage effective communication with partners, stakeholders, Tribal Governments, advocacy groups, and the public by providing a transparent planning process with clear corridor objectives.
- Identify the corridors by considering origin and destination, along with land-use and place-types, to address multimodal transportation opportunities through a comprehensive, cooperative, and continuing planning process.
- Task a multi-disciplinary, multi-organizational corridor team to look at State and local transportation systems, while including community, local, and regional transportation systems.
- Identify opportunities to employ cooperative, multimodal, and systematic improvements by leveraging federal, state, and local funding programs such as self-help county sales tax programs.
- Underscore the importance of corridors identified in the Interregional Transportation Strategic Plan (ITSP) and other statewide plans.
- Support Caltrans' asset management program and emphasize the importance of utilizing maintenance and operational improvements to strengthen the mobility and accessibility options of the community.
- Identify and prioritize projects and strategies to meet future corridor opportunities.
- Analyze multimodal transportation issues and opportunities for optimizing system operations and support a safe and reliable system.

Ideally, corridor planning results in a clear vision for identified improvements, while recognizing positive and negative impacts of changes over time. Tribal, local, regional, and statewide goals also must be considered and incorporated into the corridor planning process where relevant. In addition, quality of life, benefits and burdens on different groups and communities, access to destinations, environmental factors including greenhouse gas emissions, and transportation system performance should be considered.

COMPREHENSIVE MULTIMODAL CORRIDOR PLAN

Multimodal corridor planning is defined as planning for all modes of transportation that are presently used or have the potential to move people and goods within the designated corridor. The result of a comprehensive multimodal corridor plan identifies transportation system improvements that will address performance deficiencies in areas specified in the Streets and Highways Code Section 2394.

The Road Repair and Accountability Act of 2017, or Senate Bill (SB) 1 created the Solutions for Congested Corridor Programs (Congested Corridors Program). The primary objective of the Congested Corridors Program is to fund projects designed to reduce congestion in highly traveled and highly congested corridors through performance improvements that balance transportation improvements, community impacts, and that provide environmental benefits. Street and Highway Code Section 2392 require the preparation of a comprehensive corridor plan to apply for the Congested Corridor Program funding.

The general process to develop a comprehensive multimodal corridor plan is below:

1. Developing Scope and Outreach Plan for Stakeholder Input.
2. Gathering Information.
3. Conducting Performance Assessment(s).

4. Identifying Potential Projects and Strategies.
5. Analyzing Improvements.
6. Selecting and Prioritizing Solutions.
7. Publishing the Corridor Plan.
8. Monitoring and Evaluating Progress.

Consultation (Interagency) and Public Involvement

Ongoing public involvement and interagency consultation are required in transportation planning. SCAG, the county transportation commissions, Caltrans, and other stakeholders collaboratively provide opportunities for meaningful public participation and effective interagency consultation. Federal regulations, including the FAST Act, the Clean Air Act, the Transportation Conformity Regulations, and the Americans with Disability Act (ADA) stipulate that public involvement in the transportation improvement program's development and approval process includes certain targeted groups.

The determination of how effectively the responsible planning agencies have provided opportunities for public input and whether the process meets the interagency consultation requirements of EPA's Transportation Conformity Regulations is one of the factors used to determine conformity and in the allocation of federal funds for local, regional, and state transportation projects and programs.

In the SCAG region, interagency consultation and public participation are facilitated by the SCAG's Transportation Conformity Working Group, which is a collaborative group of federal, state, regional, subregional, and local transportation and air quality agencies and other stakeholders. The group meets on a monthly basis to facilitate an inclusive air quality planning process and to fulfill the interagency consultation requirements of the Federal Transportation Conformity Regulations. The group helps resolve regional issues pertaining to transportation conformity and coordinates with and supports the Statewide Transportation Conformity Working Group.

The California Public Utilities Code 130059 (AB 1246 Process) requires SCAG to convene at least two meetings annually comprised of representatives from the six commissions, and Caltrans. Typically, the county transportation commissions' TIPs will be discussed at this meeting prior to their adoption of the program. After the respective county transportation commissions act on their TIPs, SCAG prepares the FTIP. If any conflicts arise with the county transportation commissions' programs, then SCAG will convene a subsequent meeting with the affected county transportation commission(s) to discuss the issue.

The [Public Participation Plan](#) (PPP) serves as a guide for SCAG's public involvement process. The PPP provides information on federal and state mandates for soliciting input from the public; consultation requirements for State and local agencies; and SCAG's approach towards ensuring public participation at all levels of plan and program development. It was adopted by SCAG's Regional Council on April 7, 2022, and is available on SCAG's website.

The county transportation commissions' public involvement processes should be proactive and provide complete information, timely public notice, full public access to key decisions, and opportunities for early public involvement. Accordingly, the county transportation commissions' public involvement process should provide for:

- Early and continuing public involvement opportunities throughout the transportation planning and programming process;
- Timely information about transportation issues and processes to citizens, affected public agencies, representatives of transportation agency employees, private providers of transportation, other

interested parties and segments of the community affected by the transportation improvement program's projects;

- Reasonable public access to technical and policy information used in the development of the transportation improvement program;
- Adequate public notice of public involvement activities and time for public review and comment at key decision points including, but not limited to, action on the transportation improvement program;
- A process for demonstrating explicit consideration and response to public input during the transportation improvement program development process;
- A process for seeking out and considering the needs of those traditionally under-served by existing transportation systems, such as low-income and minority households which may face challenges accessing employment and other amenities; and,
- A comment period of at least thirty days and two formal public hearings prior to adoption of the transportation improvement program.

Regional Funding Priorities

Projects to be programmed in the FTIP shall be consistent with the adopted RTP/SCS and its milestones.

In the South Coast Air Basin (SCAB) and Ventura County/South Central Coast Air Basin (VC/SCCAB), Transportation Control Measures (TCMs) programmed for implementation in the first two years of the FTIP are committed TCMs and must be funded and implemented by the completion date. Failure to implement a committed TCM may result in the federal agencies not approving the transportation conformity findings of the FTIP. More information on TCMs can be found under Chapter IV of these guidelines on page 64.

Project Selection, Project Programming, and Expedited Project Selection Procedures Criteria

PROJECT SELECTION

The FTIP generally follows a “bottom-up” principle. The county transportation commissions along with local jurisdictions are mainly responsible for the initial identification of projects that are submitted to SCAG for recommended inclusion into the FTIP. The process by which a project is selected for regional, federal and state² funding is dependent on the project type and the fund source sought.

Projects may be selected for FTIP inclusion based on awards for various federal discretionary grant programs or, if awarded, federal funding derived from federal formula apportioned programs and administered through state agencies.

Projects are selected by direct recipients to receive FTA Formula Funds including funds under Section 5307 Urbanized Area Formula, 5310 Enhanced Mobility, 5337 State of Good Repair, and 5339 Bus and Bus Facilities Formula programs.

Projects are selected by SCAG to receive Surface Transportation Block Grant program, Congestion Mitigation and Air Quality program, and Carbon Reduction Program funding.

Projects are selected for the State Transportation Improvement Program, either Regional Improvement Program or Interregional Improvement Program, through the California Transportation Commission (CTC) State Transportation Improvement Program process.

State transportation agencies such as the CTC, California Department of Transportation (Caltrans), and California State Transportation Agency (CalSTA), are responsible for project selection of several discretionary and formula transportation fund sources that may be considered for inclusion in the FTIP based on regional significance, including but not limited to, Senate Bill 1 Programs, the Active Transportation Program (which may include federal transportation revenues), the Local Transportation Climate Adaptation Program (which may include federal transportation revenues), the Local Highway Safety Improvement Program, Planning Grants, Zero Emission Transit Capital Program and state Cap-and-Trade programs - including the Transit and Intercity Rail Capital Program, and Low Carbon Transit Operations Program.

Once funding for a project is considered approved, the county transportation commission works with the implementing agency to add the project and approved funds to the FTIP.

SCAG and the county transportation commissions develop the performance-based project selection criteria that prioritize projects which best enhance the transportation network and address the region’s goals of improving mobility and promoting sustainability, including making progress on federal transportation performance targets. The county transportation commissions prioritize implementation of Transportation Control Measures (TCMs) in the applicable SIPs and are responsible for documenting timely implementation of the TCMs for which they are project sponsors. The end results are the individual county Transportation Improvement Programs or county TIPs, the building blocks of SCAG’s FTIP. AB 1246 (PUC § 130059 and § 132800) created the county transportation commissions and their relationship with

² Similar to 100% locally funded projects, projects that are fully funded with State funds do not have to be in the FSTIP unless the projects are regionally significant and/or require federal action.

SCAG. PUC § 130304 provides additional direction on how the county transportation commissions are responsible for developing the county TIPs and submitting it to SCAG.

“The county transportation commission shall submit the short-range transportation improvement program prepared pursuant to subdivision (b) of Section 130303 to the multicounty designated transportation planning agency. The program shall be the county transportation commission's recommendation to the agency regarding that portion of the regional transportation improvement program with respect to short-range objectives applicable to the county under the jurisdiction of the county transportation commission. The recommended program shall be submitted to the agency in a timely fashion, and the agency shall review and adopt this portion of the regional transportation improvement program in a timely fashion, giving full explanation for any necessary revision of the county transportation commission's recommended program. (PUC § 130304).”

The State of California Public Utilities Commission (PUC) establishes the procedures that SCAG and the county transportation commissions must follow in order to submit the county TIPs for inclusion into the FTIP. Ultimately, federal mandate provides direction on project selection. Under 23 U.S.C. 134, project selection procedures for federally funded projects is stated as follows:

“...Except as otherwise provided in subsection (k)(4) and in addition to the TIP development required under paragraph (1), the selection of Federally funded projects in metropolitan areas shall be carried out, from the approved TIP—(i) by (I) in the case of projects under this title, the State; and (II) in the case of projects under chapter 53 of title 49, the designated recipients of public transportation funding; and (ii) in cooperation with the metropolitan planning organization.” 23 U.S.C. 134(j)(5)(A)

PROJECT PROGRAMMING

SCAG updates the FTIP every two years, consistent with the Federal Statewide Transportation Improvement Program (FSTIP). The following list illustrates the steps from county TIP submittal to approval of SCAG's FTIP.

- The process for updating SCAG's FTIP begins with the FTIP Guidelines. This document provides guidance to the county transportation commissions on how to submit projects to SCAG for inclusion into the FTIP. The Guidelines also contain SCAG policy and a summary of Federal and State mandates that dictate the procedures that an MPO must follow when developing a transportation improvement program (TIP). It is the county transportation commissions' and SCAG's responsibility to ensure that projects in the county TIP follow federal and state regulations as well as SCAG requirements.
- Submittal of the county TIPs by the county transportation commissions marks the beginning of SCAG's analysis that ensures the projects submitted meet the five tests required under the U.S. DOT Metropolitan Planning Regulations and EPA's Transportation Conformity Regulations.
- Once SCAG completes its analysis, the draft FTIP is released for public review. The draft FTIP undergoes a 30-day public review period. SCAG typically holds public hearings at SCAG's main Los Angeles office with video conference available at SCAG's regional offices as well as virtual live streaming via a webcast platform.
- At the end of the public review period, SCAG reviews, tracks, maintains a log of comments, and responds to comments in a timely manner. The draft FTIP is then finalized and presented to SCAG's Regional Council for adoption.

- The adopted FTIP is transmitted to the State (Caltrans) for review and approval. The State receives all the FTIPs from the MPOs to incorporate the projects into the Federal Statewide Transportation Improvement Program (FSTIP).
- The FSTIP is transmitted to the Federal agencies for review and approval. The Federal agencies review the FSTIP/FTIP to ensure that it meets national ambient air quality standards (NAAQS) and that the projects meet financial constraint requirements. Should the federal agencies approve the FSTIP/FTIP, a joint letter is issued stating that the FSTIP/FTIP is found to conform to NAAQS and the projects that are in the FSTIP/FTIP meet financial constraint. Projects are now part of an approved FTIP and can proceed with the obligation process or environmental review.

EXPEDITED PROJECT SELECTION PROCEDURES

The current Code of Federal Regulations, 23 CFR Part 450.332 Expedited Project Selection Procedures (EPSP) allows for the advancement of projects within the active period of the approved FTIP and FSTIP. In order to access this provision, an MPO must have an EPSP in place.

"If the State or public transportation operator(s) wishes to proceed with a project in the second, third year, or fourth year of the TIP, the specific project selection procedures stated in paragraphs (b) and (c) of this section must be used unless the MPO, the State and the public transportation operator(s) jointly develop expedited project selection procedures to provide for the advancement of projects from the second, third or fourth year of the TIP."

In order to address the above regulation, the SCAG region (SCAG, county transportation commissions, and transit operators) developed and agree to the following expedited project selection procedures. Projects programmed within the first four years may be advanced or delayed for implementation purposes within the active period of the approved FTIP to accommodate project schedules that have proceeded more rapidly than estimated, unless the EPSP action results in the project crossing analysis years for transportation conformity determination. This advancement allows project sponsors the flexibility to deliver and obligate local, state and/or federal funds in a timely and efficient manner. However, the impacts of the EPSP action must be included in future FTIP/FSTIP updates, amendments, administrative modification. Nevertheless, non-TCM projects can only advance ahead of TCM projects if they do not cause TCM projects to be delayed.

- Step 1 SCAG receives request to use EPSP for project(s) in the FTIP.
- Step 2 SCAG analyzes, discusses with the County Transportation Commission, and approves or denies the request for the use of EPSP for project(s) in the FTIP.

POST PROGRAMMING

Once funding has been obligated and a project's phase has closed out or received federal approval, any programming changes can be made via post programming as long as the E-76 is still open. Post programming updates are not reflected in the FTIP and do not need to be submitted through FTIP updates. For additional guidance, contact Caltrans Local Assistance.

FTIP Amendment and Administrative Modification Approval Procedures – SCAG Executive Director Authority

FTIP AMENDMENTS

The SCAG Regional Council has granted authority to SCAG’s Executive Director to approve FTIP amendments and associated transportation conformity determination and to transmit to the state and federal agencies amendments to the most currently approved FTIP. These amendments must meet the following criteria:

- Changes do not affect the regional emissions analysis.
- Changes do not affect the timely implementation of the Transportation Control Measures.
- Changes do not adversely impact financial constraint.
- Changes are consistent with the adopted RTP/SCS.

Amendments triggered by an RTP/SCS amendment must be approved by the Regional Council.

FTIP ADMINISTRATIVE MODIFICATIONS

Consistent with the FHWA and FTA letter dated June 3, 2011, and superseded by the FHWA and FTA letter dated December 20, 2019, the SCAG Regional Council delegates authority to SCAG’s Executive Director to approve FTIP Administrative Modifications consistent with the approved FSTIP/FTIP Administrative Modifications and Amendments Procedures and as may be amended. The following procedures apply to this delegation of authority:

- The MPO must send copies of the approved administrative modification to Caltrans, FHWA, and FTA.
- Once the administrative modification is approved by the MPO, the administrative modification will be deemed part of the Federal State Transportation Improvement Program (FSTIP).
- The MPO will demonstrate in a subsequent amendment that the net financial change from each administrative modification has been accounted for.
- Caltrans will conduct periodic reviews of MPO’s administrative modification process to confirm adherence to the procedures. Noncompliance with the procedures will result in revocation of the MPO’s delegation.

Note: Any amendment to the FTIP that adds or significantly changes the design concept and scope of a non-exempt regionally significant project, and which has not been accounted for in the regional emissions analysis, requires a full transportation conformity analysis and a new regional emissions analysis.

SCAG staff will have no recourse but to remove from consideration any project for which full and accurate information is missing or not submitted in a timely manner. A county transportation commission shall wait for the next FTIP adoption cycle to delete any non-exempt projects.

For more information, see Chapter VII. Amendments and Administrative Modifications.

CMAQ, STBG and CRP Funded Projects (SCAG Selected Programs)

SCAG manages project selection for federal CMAQ, STBG, and CRP funding. The [STBG/CMAQ Program Guidelines](#) (approved by the SCAG Regional Council March 6, 2025) establish the framework for project

selection and investing of CMAQ and STBG funds within the SCAG region in accordance with 23 CFR § 450.332(c) et al. Likewise, SCAG is required to select projects to be funded with CRP dollars as described in the CRP Program Guidelines (last approved by the SCAG Executive/Administration Committee, acting on behalf of the Regional Council on December 6, 2023). Projects approved by the SCAG Regional Council for funding will be programmed in the FTIP consistent with these FTIP Guidelines. Awarded projects will be subject to SCAG's administrative policies (pending approval by SCAG Regional Council).

Identifying Intelligent Transportation Systems (ITS) Projects and Components

ITS projects and projects with ITS components with federal funds must be consistent with the Southern California Regional ITS Architecture as well as the ITS Architecture for the county(s) in which the project is based. This requirement is pursuant to 23 CFR Parts 940.9 and 940.11. The most recent updates of the Regional Architecture and County Architectures can be found on the web at <http://www.scag.ca.gov/programs/Pages/IntelligentTransportation.aspx>.

In addition, ITS projects need to comply with Systems Engineering Requirements as a condition of the use of both Federal Transit and Federal Highway funds. Information on the System Engineering Requirements for FHWA-funded ITS projects can be found in the [Caltrans Local Assistance Procedures Manual \(LAPM\)](#) and the [Caltrans Local Assistance Program Guidelines \(LAPG\)](#) Chapter 13: Intelligent Transportation Systems Program. Some portions of the LAPM and LAPG may have been superseded by [Division of Local Assistance Office Bulletins](#) (DLA-OBs). Always check the Division of Local Assistance Office Bulletins website for any recent policy or procedure updates.

Annual Listing of Obligated Projects

Federal requirement 23 CFR §450.332 stipulates that the State, public transportation operators, and MPO will cooperatively develop an annual listing of projects, including active transportation facilities, for which funds under 23 U.S.C. or 49 U.S.C. Chapter 53 were obligated in the preceding program year. The listing will include all federally funded projects authorized or revised to increase obligations in the preceding program year and will at a minimum include TIP information under 450.326(g)(1) and (4) and identify, for each project, the amount of federal funds requested in the TIP, the federal funding that was obligated during the preceding year, and the federal funding remaining and available for subsequent years. The listing will be created no more than 90 days after the end of the federal program year and published or otherwise be made available in accordance with the SCAG's public participation criteria for the FTIP.

SCAG, in consultation and coordination with the State and county transportation commissions, works to develop the annual listing of obligated projects. The county transportation commissions, working with the project sponsors and transit operators within their respective jurisdiction, update project obligation information through use of the eFTIP database. SCAG compiles this information and produces the annual listing of obligated projects utilizing the eFTIP Database. Projects funded strictly with local dollars, (i.e., sales tax, general fund, or other local sources) will not appear on the annual listing of obligated projects. Information on the annual listing of obligated projects may be found in the currently FTIP webpage, located on the following link: <https://scag.ca.gov/annual-listing-obligated-projects>

Congestion Management Process (CMP)

PROJECTS INCREASING SIGNIFICANT SINGLE OCCUPANCY VEHICLE CAPACITY AND THE CONGESTION MANAGEMENT PROCESS.

In the SCAG region, federal regulations stipulate that no federal funds be programmed for any project that significantly increases Single Occupancy Vehicle (SOV) capacity unless the project is addressed as part of a congestion management process.³ The FTIP, as the programming document for all federal transportation funds, must be consistent with the regulations. CMP is required for any SOV capacity increasing project that adds at a minimum one (1) mile or more in length per agreement between SCAG and FHWA.

All FTIP submissions with significant SOV capacity-increasing projects that are one (1) mile in length or more, and program the right-of-way and/or construction phases with federal funds within the quadrennial FTIP years must include documentation that demonstrates whether TDM/TSM strategies were considered and incorporated into the project. Submittal of such projects for inclusion in the FTIP requires documentation indicating that the project was planned and will be constructed in accordance with the congestion management process as defined in 23 CFR Part 450.322. Acceptable forms of documentation are:

- Alternatives Analysis (AA) Studies and/or other relevant project planning studies that outline the alternatives analysis work performed, with specific reference to page/location in document where TDM/TSM strategies were considered and incorporated into the project.
- Environmental Impact Reports (EIR)/Environmental Impact Statements (EIS), with specific reference to page/location in document where TDM/TSM were considered and incorporated into the project.
- Statement of overriding consideration (or statement of clarification why consideration of other alternatives was irrelevant, infeasible or impractical or any combination of these for the project). This would apply mostly to relatively small, but significant arterial widening projects that are clearly not safety or operational improvement projects for which appropriate and adequate AA documentation may not exist. An example of such a project would be an arterial widening of 1 to 2 miles in length in a rural area where there may not be any opportunities for transit or bikeway alternatives due to lack of connectivity to an existing network.

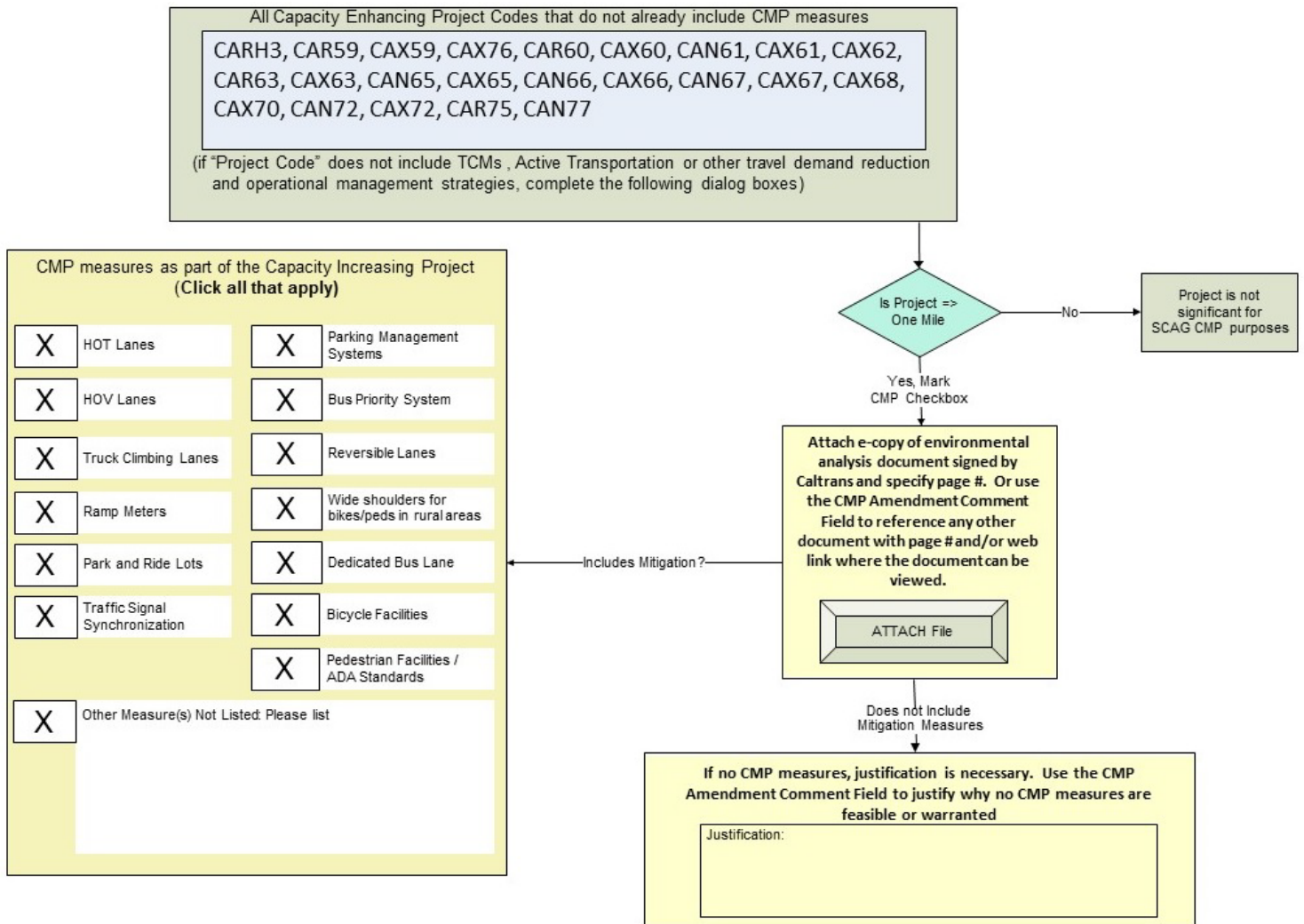
Operational and/or safety improvements and bottleneck relief projects are exempt from CMP review.

In the FTIP submission, if the CMP is applicable, enter which travel demand reduction or operational management strategies will be included as part of the project in the submission.

If the new or amended project has an adopted planning and/or environmental document that indicates which demand reduction or operational management strategies were evaluated/incorporated, include a copy of, or link to the document.

³ 23. CFR Part 450.322

The flowchart below shows the required information needed for projects in the CMP:



Please see page 99 of these Guidelines for instructions on CMP input into the eTIP database.

Active Transportation Program (ATP)

Through [Senate Bill 99, Chapter 359](#) and [Assembly Bill 101, Chapter 354](#), the California Active Transportation Program (ATP) became law. The ATP consolidated existing federal and state transportation programs, including the Federal Transportation Alternatives (TA)⁴, Bicycle Transportation Account (BTA), and State Safe Routes to School (SRTS), into a single program. [Senate Bill 1 \(SB 1\) The Road Repair and Accountability Act of 2017](#) and the Infrastructure Investment and Jobs Act (IIJA) nearly tripled the funding available in the ATP. The goals of ATP include:

- Increase the proportion of trips accomplished by biking and walking,
- Increase safety and mobility for non-motorized users,
- Advance the active transportation efforts of regional agencies to achieve greenhouse gas reduction goals pursuant to SB 375 (of 2008) and SB 341 (of 2009),
- Enhance public health,
- Ensure disadvantaged communities fully share in program benefits (at least 25% of the program), and
- Provide a broad spectrum of projects to benefit many types of active transportation users.

Additional information on the ATP can be found at the following link:

<https://CTC.ca.gov/programs/active-transportation-program>

The ATP has two grant processes, a statewide competitive grant process and an MPO competitive grant process. The CTC must adopt the awarded grant projects. Once the CTC adopts projects in each cycle, county transportation commissions shall program their ATP awarded projects as part of the next FTIP Amendment.

For large scale transportation projects, such as capacity enhancing projects or roadway construction projects, that include an active transportation component, SCAG Active Transportation staff requests information for reporting purposes. When submitting transportation projects that include active transportation components, provide documentation indicating the active transportation component in order to allow the public to determine the extent of active transportation in the project and the sub-cost of the active transportation portion of the project.

In the FTIP submission, if a project includes an active transportation component, enter the type, the length, and the estimated cost for the active transportation component. If the project has an adopted planning and/or environmental document that indicates what active transportation strategies were evaluated/incorporated, include a copy of, or link to the document.

Please see page 99 of these Guidelines for instructions on ATP input into the FTIP database.

⁴ TAP was replaced by "Surface Transportation Block Grant (STBG) program funding for Transportation Alternatives (TA)" under the Fixing America's Surface Transportation Act or "FAST Act" (2015).

National Highway Freight Program

Section 11114 of the IIJA amended the National Highway Freight Program (NHFP) in section 167 of title 23, United States Code (23 U.S.C.). The IIJA amendments to 23 U.S.C. 167 took effect on October 21, 2021, and apply to all related funding obligated on or after that date, whether funded from new NHFP authorizations or NHFP funds authorized in previous years. This guidance replaces the “NHFP Implementation Guidance” dated February 29, 2016. The IIJA continued the funding for the National Highway Freight Program that is used in the state’s Trade Corridor Enhancement Program (TCEP).

TRADE CORRIDOR ENHANCEMENT PROGRAM

In California, The Road Repair and Accountability Act of 2017 or Senate Bill (SB) 1 (Beall, Chapter 5, Statutes of 2017), established the Trade Corridor Enhancement Account to fund corridor-based freight projects nominated by local agencies and the state. Implementing legislation was enacted with the approval of SB 103 (Chapter 95, Statutes of 2017) which directs the CTC to allocate the Trade Corridor Enhancement Account funds and the federal National Highway Freight Program funds to infrastructure improvements along corridors that have a high volume of freight movement.

The purpose of TCEP is to provide funding for infrastructure improvements on federally designated Trade Corridors of National and Regional Significance, on California's portion of the National Highway Freight Network, as identified in California Freight Mobility Plan, and along other corridors that have a high volume of freight movement. The Trade Corridor Enhancement Program will also support the goals of the National Highway Freight Program, the California Freight Mobility Plan, and the guiding principles in the California Sustainable Freight Action Plan.

Senate Bill 826 (Leno, 2016) was signed into law on June 27, 2016, and directs the CTC to allocate the federal National Highway Freight Program funds to projects selected by local agencies and the state. Pursuant to Streets and Highway Code, Section 2192, 40 percent of program funding is made available for projects nominated by Caltrans, while 60 percent is made available for projects nominated by eligible local public agencies. Eligible applicants apply for program funds through the nomination of projects. In the SCAG region, all projects are nominated by SCAG and ensure that they are consistent with the currently adopted Regional Transportation Plan. The Commission is required to evaluate and select submitted applications based on the following criteria:

- Freight System Factors – Throughput, Velocity, and Reliability;
- Transportation System Factors – Safety, Congestion Reduction/Mitigation, Key Transportation Bottleneck Relief, Multi-Modal Strategy, Interregional Benefits, and Advanced Technology;
- Community Impact Factors – Air Quality Impact, Community Impact Mitigation, and Economic/Jobs Growth;
- The overall need, benefits, and cost of the project
- Project Readiness – ability to complete the project in a timely manner;
- Demonstration of the required 30% matching funds;
- The leveraging and coordination of funds from multiple sources; and
- Jointly nominated and/or jointly funded.

Program guidelines are created in consultation with agencies identified in Governor's Executive Order B-32-15, regional transportation planning agencies, local governments, private industry, and other

advocates. Prior to adoption of the guidelines, the Commission conducts numerous public workshops throughout the state to solicit input and feedback.

For the 2024 Trade Corridor Enhancement Program, the Commission adopted the guidelines on August 15, 2024, with expected adoption of the program in June 2025. The most recent cycle of the TCEP covers years 2025-26 and 2026-27 and recommends \$810.5 million for 24 projects throughout the state.

Equity

For the 2027 FTIP, SCAG worked with county transportation commission staff to incorporate new FTIP database inputs to assess how and where investments are being made across the region and if there are equity issues with the balance of transportation improvements in Disadvantaged Communities and/or Priority Equity Communities. SCAG assessed project locations in proximity to underserved areas and documented some of the ways that equity is considered by each of the county transportation commissions through their federal funded project prioritization. This is consistent with SCAG's project selection criteria included in the recently adopted CMAQ/STBG guidelines.

SCAG understands that there are a variety of approaches to considering equity in project prioritization ([Krapp, A. Barajas, J.M., & Wennink, A., 2021](#)), including:

- Location burdens-based criteria and location benefits-based criteria. These criteria assess equity simply based on the location of a proposed project. Location burdens-based criteria aim to capture potential negative effects of projects located within or near Communities of Concern, such as those created by highways routed through low-income neighborhoods.
- Impacts-based criteria. These criteria require a more detailed evaluation of a project's potential impacts to determine how beneficial or detrimental they will be for Communities of Concern.
- Access to destinations. These criteria consider how projects improve the ability to reach key locations—such as groceries, medical, and employment—for areas with high concentrations of disadvantaged population groups. The category includes measures that focus on how projects provide new, better, or faster access.
- User-based criteria. These criteria consider the characteristics of the population directly served by a facility. Because it measures individual users rather than aggregated communities, user-based criteria require the use of travel demand models to predict travel behavior.
- Community engagement. These criteria examine the process by which projects are developed rather than the impacts of the projects themselves.

Multiple equity-oriented criteria may be used to prioritize projects, focusing not only on mitigating harm but also on proactively improving transportation conditions and participation in planning processes for historically marginalized groups. Equity criteria should simultaneously consider benefits, burdens, and engagement for a holistic assessment of projects. SCAG continues to research project-level accessibility metrics to quantify potential impacts on and benefits to populations served by a facility.

Climate Action Plan for Transportation Infrastructure (CAPTI)

Governor Newsom's Executive Orders (EO) N-19-19 and N-79-20 laid the groundwork for the Climate Action Plan for Transportation Infrastructure (CAPTI) to be developed by CalSTA with CARB and other State agency partners. EO N-19-19 directed CalSTA to leverage the State's \$5 billion in discretionary transportation funding to help meet the state's climate goals as articulated in the 2017 Climate Change Scoping Plan. The CAPTI continues the commitment to a "fix-it-first" approach to the transportation

system and includes guiding principles for investment to work to reduce Californians' dependence on driving, increase multimodal options for all communities, and equitably meet the state's climate goals.

The funding programs specifically identified in CAPTI include: Active Transportation Program, Interregional Transportation Improvement Program, Local Partnership Program, Solutions for Congested Corridors, State Highway Operations & Protection Program, Trade Corridor Enhancement Program, and the Transit and Intercity Rail Capital Program. Since the Final CAPTI was adopted on July 12, 2021, implementing progress with the release of two annual reports, can be found here:

<https://calsta.ca.gov/-/media/calsta-media/documents/capti-2025-a11y.pdf>

Tribal Transportation Improvement Program and Federal Lands Highway Transportation Improvement Program

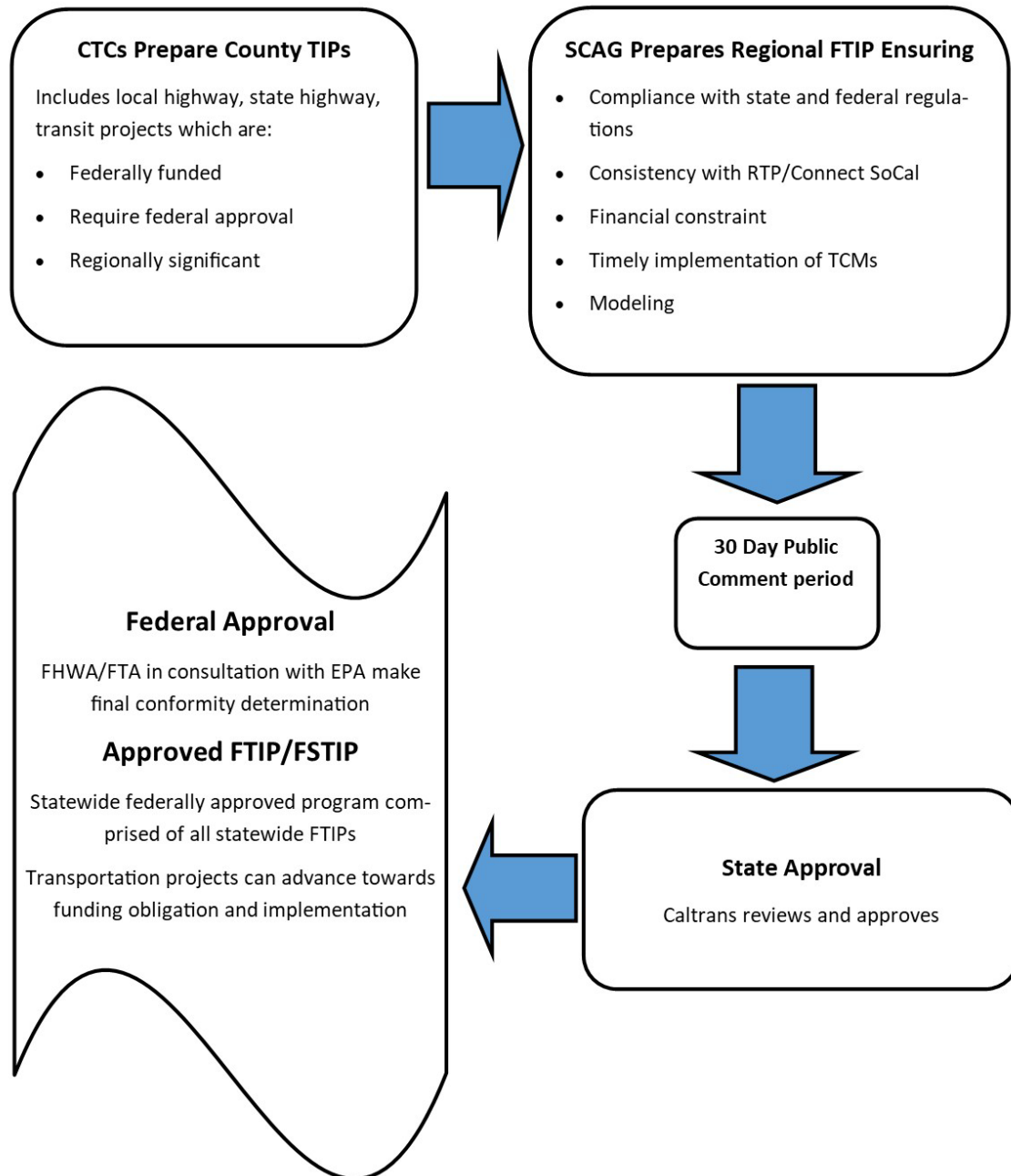
Per Caltrans's guidance, MPOs shall incorporate the Tribal Transportation Improvement Program and the Federal Lands Highway Transportation Improvement Program into their FTIPs by reference in an appendix by including the link to the complete current FY TTIP and FLH TIP project lists.

The current project lists are available on the following websites:

- FY TTIP link: <https://highways.dot.gov/federal-lands/tribal/planning/current-documents>
- FLH TIP link: <https://highways.dot.gov/federal-lands/planning/tip/cfl-transportation-improvement-program>

Once SCAG receives the annual TTIP and FLH TIP listings from Caltrans each year, staff will review and include the projects in the next formal amendment by describing the projects in the Summary of Changes and attaching the listing as an appendix to the amendment submittal to Caltrans and the federal agencies. The projects will not be included in SCAG's regional financial summary tables.

Standard Biennial FTIP Development Process Flowchart



II. Schedules and Submittals

Adoption Schedule for the FY 2027 FTIP

BASED ON OCTOBER 1, 2026 DUE DATE TO STATE AND FEDERAL AGENCIES

(Schedule subject to change)

September 18, 2025	County transportation commissions submit 2026 RTIP program to SCAG for evaluation of system performance and cost-effectiveness of the RTIP.
September 4, 2025 and November 6, 2025	Draft of 2027 FTIP Guidelines presented to policy committees and SCAG Regional Council
December 15, 2025	County transportation commissions submit 2026 RTIP to CTC and copy to SCAG.
January 6, 2026	DEADLINE – COUNTY TIP SUBMITTAL TO SCAG
January 6, 2026 through April 17, 2026	SCAG staff, working with Caltrans and county transportation commissions, analyze county TIPs.
March 1, 2026 through May 15, 2026	SCAG modeling activities
March 2026	DEADLINE - Financial Plan Board Resolution submittal to SCAG
May 15, 2026	Modeling Report due to FTIP Section.
March 2, 2026 through May 22, 2026	Final draft write up.
May 25, 2026 through June 5, 2026	Management review period.
June 10, 2026	Draft 2027 FTIP sent out for reproduction.
August 21, 2026	Presentation of 2027 FTIP to AB 1246 CEOs Committee to fulfill AB1246 requirement
July 2, 2026	Draft FTIP presented to SCAG policy committees -- Transportation Committee Energy and Environment Committee
July 9, 2026 through August 7, 2026	30-day public review period and public hearings(TBD)
August 2026	Draft FTIP due to Caltrans
September 3, 2026 and October 1, 2026	FTIP Adoption -- Policy Committees and Regional Council Action
September 30, 2026	Adopted 2027 FTIP transmitted to state and federal agencies and upload to CTIPS database
October 1, 2026	Adopted FTIP formally due to State and Federal Agencies
November 2026	Caltrans transmits 2025 FSTIP to Federal Agencies
December 16, 2026	Conformity Determination on 2027 FTIP by Federal Agencies

2026 STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

STIP Requirement – County transportation commissions must submit RTIP program to SCAG for regional-level analysis of performance and cost-effectiveness NO LATER THAN **SEPTEMBER 18, 2025** (this date may change based on CTC staff workshops).

A copy of the County transportation commission's draft RTIP must be transmitted to SCAG's FTIP section at the same time it is sent to the CTC. (the dates on the table below will change once the schedule is set by CTC staff via STIP workshops)

June 26-27, 2025	Caltrans presents the Draft Fund Estimate to the CTC
August 14-15, 2025	CTC adopts the Fund Estimate
September 18, 2025	County transportation commissions submit RTIP program to SCAG
December 15, 2025	Regional Transportation Improvement Program (RTIP) due to the CTC
March 2026	CTC adopts the STIP and submits to the Legislature

2027 FTIP CHECKLIST

Things to remember

- ☐ Projects must be consistent with the currently approved Connect SoCal (RTP/SCS)
- ☐ Projects are "County Approved" in the eFTIP Database
- ☐ Timely Implementation – provide a status of each TCM Committed project. Enter information (including date entered) in the eFTIP Database "TCM Comments" field.
- ☐ Modeling information entered in eFTIP Database consistent with the currently approved Connect SoCal (RTP/SCS)
- ☐ Projects are programmed in year of expenditure dollars
- ☐ A copy of the draft STIP must be sent to SCAG at the same time it is transmitted to the CTC.

County 2027 FTIP Package to SCAG shall include the following:

- ☐ County transportation commissions Transmittal Letter certifying that:
 - County TIP is consistent with the currently approved Connect SoCal (RTP/SCS) and subsequent RTP/SCS amendments
 - County TIP is financially constrained
 - County TIP does not interfere with the timely implementation of TCMs within the county and the eFTIP Database includes the status of each project
- ☐ Narrative for projects that fall into the following categories:
 - New Projects
 - Completed Projects
 - Deleted Projects – provide reason for deletion
 - Changes to modeled projects
- ☐ Grouped Project detailed back-up listings are uploaded for each Grouped Project (Lump Sum)
- ☐ Modeling Report for highways (state & local) and transit generated from the SCAG eFTIP Database

- ☐ CTC Financial Constraints Report generated from the eFTIP Database
- ☐ Additional information as applicable

Final Financial Plan

- ☐ Financial Plan Board Resolution due no later than March 2026
- ☐ Final Financial Plan will vary by county – dependent on conclusion of analysis.
SCAG working with the county transportation commissions will coordinate the due date

Submittals to SCAG

There are various items that are due to SCAG when submitting county TIPs and FTIP amendments. The required items are described below. Each county's submittal must be accompanied with a cover letter listing the submittals and any outstanding items.

1. NARRATIVE

A narrative is required as part of the county transportation commissions 2027 FTIP Submittal. Projects that are new, completed, deleted, and changes to modeled projects must be included in the narrative. Page 160 of these Guidelines specifies the formation and requirements for a complete narrative.

2. TIMELY IMPLEMENTATION OF TRANSPORTATION CONTROL MEASURES (TCMS) AND TCM IDENTIFICATION

Federal Metropolitan Planning regulations at 23 CFR Part 450.326(k) require applicable nonattainment and maintenance areas to provide for the "timely" implementation of TCMs consistent with schedules included in the applicable SIP for each air basin/air district.

County transportation commissions in the South Coast Air Basin (SCAB) and the Ventura County portion of the South Central Coast Air Basin (SCCAB) (in cooperation with the Ventura County Air Pollution Control District (VCAPCD)) must identify TCM projects by selecting either "TCM" or "non-reportable TCM" as the Conformity Category code in the SCAG eTIP Database. Refer to page 71 of these guidelines to learn more about reportable and non-reportable TCMs and how to identify committed TCM projects. If a committed TCM constitutes a portion of a larger non-TCM project, the project must be marked as a TCM.

County transportation commissions in the SCAB and the SCCAB are also required to document the implementation of all TCMs identified as committed TCMs in the FTIP (see page 64 or a description of committed TCMs). The status of implementation for each committed TCM project must be entered in the TCM Comment field along with the edit date in the SCAG eTIP Database.

TCMs are not required in the Salton Sea Air Basin (SSAB) and the Mojave Desert Air Basin (MDAB). Therefore, identification or reporting of TCMs does not apply in these two air basins.

To facilitate reporting on timely implementation of TCMs in the SCAB and the Ventura County portion of the SCCAB, TCMs are identified in the FTIP as "TCM" in the Conformity Category field. SCAG uses the interagency consultation process to provide ongoing guidance to support timely implementation of committed TCMs.

South Coast Air Basin

Under the Air Quality Management Plan/State Implementation Plan (AQMP/SIP) requirements for the South Coast Air Basin, SCAG shall work with the affected counties to determine the timely implementation of TCMs.

The 1994 and the subsequent AQMPs/SIPs for ozone in the South Coast Air Basin define committed TCM projects as those projects identified in the first two years (the fiscally constrained portion) of the 2027 FTIP, which in turn, is required to be consistent with the adopted RTP/SCS. The AQMP/SIP also specifies that every time the FTIP is updated (as is the case with the 2027 FTIP), the projects contained in the standing AQMP/SIP are "rolled over". A "rollover" list will be

compiled to include new projects in addition to ongoing projects from previous FTIPs. Completed projects (projects that have completed construction or have service in place) will be reported as complete and removed from the list. The rollover list will be monitored for adherence to the schedule established in the FTIP at the time a project is identified as a committed TCM. It should be noted that this rollover process is distinct from the substitution process for TCM projects that are delayed or cancelled.

Substitution of individual TCMs will follow the process specified in the Clean Air Act (CAA) section 176(c). Section 176(c) of the CAA allows for the substitution of individual TCMs if certain conditions are met. The county transportation commissions and/or project sponsors shall notify SCAG when a TCM project cannot be delivered or will be significantly delayed. SCAG and the county transportation commissions will identify and evaluate possible replacement measures for individual substitutions, with consultation from the Transportation Conformity Working Group (TCWG), which includes members from all affected jurisdictions, federal, state and/or local air quality agencies and transportation agencies. The TCM substitution process is further described in the TCM chapter of this document.

As a part of the transportation conformity determination for the 2027 FTIP, SCAG will work with the county transportation commissions and Caltrans to ensure timely implementation of committed TCM projects.

Ventura County Portion of the South Central Coast Air Basin

The 1994/5 and subsequent AQMPs/SIPs for ozone and their TCM strategies define reporting on the timely implementation of TCMs in the Ventura County portion of the SCCAB.

3. SCAG STBG/CMAQ AND CRP PROGRAMS

County transportation commissions shall submit project nominations and associated documentation for SCAG's Board to approve projects consistent with the STBG/CMAQ program Guidelines. For more information, please see the STBG/CMAQ Guidelines and CRP Guidelines.

4. FINANCIAL PLAN AND RESOLUTION

The Financial Plan demonstrates how each county TIP can be implemented in a fiscally constrained manner consistent with the RTP/SCS.

Under federal requirements, the FTIP shall include a financial plan that demonstrates how the approved TIP can be implemented. (23 CFR Part 450.326(j)). As the basis for finding the SCAG region has the capacity to fund the FTIP, a financial plan is required when submitting 2027 County TIPs and amendments. A description of the requirements for developing the Financial Plan is provided starting on page 148 of these Guidelines.

As part of the Financial Plan, a financial resolution is required as a certification to SCAG that projects and funding listed in county TIPs in the first two years are available and committed, and reasonably available in years three to six. A sample resolution follows which may be used for this certification. Each county must submit the certification with its 2027 County TIP submittal.

SAMPLE FINANCIAL RESOLUTION

RESOLUTION NO. _____

A RESOLUTION OF THE (COUNTY) TRANSPORTATION COMMISSION WHICH CERTIFIES THAT (COUNTY) HAS THE RESOURCES TO FUND THE PROJECTS IN THE FFY 2026/27 – 2031/32 TRANSPORTATION IMPROVEMENT PROGRAM AND AFFIRMS ITS COMMITMENT TO IMPLEMENT ALL PROJECTS IN THE PROGRAM

WHEREAS, (County) Transportation Commission is located within the metropolitan planning boundaries of the Southern California Association of Governments; and

WHEREAS, the Fixing America's Surface Transportation Act (FAST Act) requires SCAG to adopt a regional transportation improvement program for the metropolitan planning area; and

WHEREAS, the FAST Act also requires that the regional transportation improvement program include a financial plan that demonstrates how the transportation improvement program can be implemented, indicates resources from public and private sources that are reasonably expected to be made available to carry out the transportation improvement program, and recommends any additional financing strategies for needed projects and programs; and

WHEREAS, the (County) Transportation Commission is the agency responsible for short-range capital and service planning and programming for the (County) area within SCAG; and

WHEREAS, as the responsible agency for short-range transportation planning, the (County) Transportation Commission is responsible for the development of the (County) Transportation Improvement Program, including all projects utilizing federal and state highway/road and transit funds; and

WHEREAS, the (County) Transportation Commission must determine, on an annual basis, the total amount of funds that could be available for transportation projects within its boundaries; and

WHEREAS, the (County) Transportation Commission has adopted the FFY 2026/27 - 2031/32 (County) Transportation Improvement Program with funding for FFY 2026/27 and 2027/28 available and committed, and reasonably committed for FFY 2028/29 through 2029/30,

NOW, THEREFORE, BE IT RESOLVED by the (County) Transportation Commission that it affirms its continuing commitment to the projects in the FFY 2026/27 - 20231/32 (County) Transportation Improvement Program (TIP); and

BE IT FURTHER RESOLVED, that the FFY 2026/27-2031/32 (County) TIP Financial Plan identifies the resources that are available and committed in the first two years and reasonably available to carry out the program in the last four years, and certifies that:

1. Projects in the FFY 2026/27-2031/32 (County) TIP are consistent with the proposed 2026 State Transportation Improvement Program scheduled to be approved by the California Transportation Commission in March 2026; and
2. All of the projects in the (County) TIP have complete funding identified in the Program except the (project_____) which will require additional funding in the 2026 STIP cycle. This project is one of the County's number one priorities for 2026 STIP funds. The (County) 2026 STIP Regional Transportation Improvement Program, as identified in the Financial Plan, will include sufficient transportation funds to complete the project. Therefore, as required by the FAST Act, the Commission finds that full funding can reasonably be anticipated to be available for the (project) within the time period contemplated for completion of the project.
3. The local match for projects funded with federal STBG and CMAQ program funds is identified in the TIP.
4. All the Federal Transit Administration funded projects are programmed within the FAST Act Guaranteed Funding levels.

PASSED, APPROVED AND ADOPTED this ___day of _____, ____.

5. GROUPED PROJECT LISTINGS

County transportation commissions are responsible for listing all projects and amounts associated with grouped projects. Detailed back-up listings of grouped projects are due with the county TIP submittals and amendments. The listings must be uploaded to the eFTIP database as well. Detailed back-up lists are required by Caltrans and FHWA/FTA for approval of the grouped projects in the FTIP and amendments. The project lists and associated cost should match the amounts programmed for the grouped projects. Additional information on projects that can be grouped and submitted as grouped project lists can be found starting on page 83 of these Guidelines.

6. MODELING REPORTS

As part of the 2027 FTIP submittal, the county transportation commissions must provide a modeling report generated from the eFTIP database.

III. Transportation Air Quality Conformity and Modeling

A. Transportation Air Quality Conformity Requirements

Pursuant to the federal Clean Air Act (CAA), national ambient air quality standards (NAAQS) are established for various criteria pollutants. The federal requirements for air quality management are incorporated into the State Implementation Plans (SIPs) for those criteria pollutants stipulated in the CAA. State of California requirements for transportation are incorporated into Senate Bill 45 (SB 45) and other California codes.

In compliance with the CAA requirements, the U.S. Environmental Protection Agency's (EPA) Transportation Conformity Regulations establish regulatory provisions for processing transportation plans, programs, and projects in the federal nonattainment and maintenance areas under Title 23 U.S.C., the Federal Transit Act, and Section 176(c) of the 1990 CAA Amendment. The Transportation Conformity Regulations require transportation plans, programs, and projects to "conform" to the applicable SIPs and thus support timely attainment of relevant federal air quality standards.

Areas within the SCAG region are designated as nonattainment or maintenance for multiple criteria pollutants; the nonattainment areas have not attained federal health-based air quality standards. The Transportation Conformity Regulations stipulate that transportation plans, programs (including the 2027 FTIP), and projects cannot receive federal funds or federal approval unless they demonstrate conformity with the applicable SIPs, including meeting the applicable motor vehicle emissions budgets included in each SIP and approved or found adequate by EPA. Upon final approval or adequacy finding by EPA, the motor vehicle emissions budgets that are currently undergoing review or proposed approval by EPA will supersede the previously approved emission budgets and become applicable emissions budgets.

For guidance on projects that are exempt from transportation conformity requirements or are not regionally significant, see Items E, F, and G starting on page 59 of this chapter.

The 2027 FTIP will complete the regional transportation conformity process and analyses including conformity findings in accordance with the criteria and procedures set in the Transportation Conformity Regulations and all related court rulings.

The transportation conformity determination is made by nonattainment/maintenance area and criteria pollutants. There are five required tests for transportation conformity determination of the 2027 FTIP:

- i. Consistency with the adopted Connect SoCal 2024 (2024 RTP/SCS).
- ii. Regional emissions analysis.
- iii. Financial constraint.
- iv. Timely implementation of TCMs.
- v. Interagency consultation and public involvement.

B. Air Basins, Air Districts, and Non-attainment and Maintenance Areas in the SCAG Region

There are four air basins, administered by five air districts, and 25 federal nonattainment and maintenance areas within the SCAG region (see Maps starting on page 38). The four air basins and 25 nonattainment and maintenance areas are listed below:

THE SOUTH COAST AIR BASIN (SCAB):

The SCAB encompasses the urbanized portions of Los Angeles, Riverside, and San Bernardino counties as well as the entire County of Orange. There are 11 federal nonattainment and maintenance areas within the SCAB.

- The entire basin is a nonattainment area for 1997, 2006 24-hour, and 2012 (excluding Pechanga) annual $PM_{2.5}$ NAAQSs and a maintenance area for CO and PM_{10} NAAQSs.
- The entire basin excluding Morongo and Pechanga ozone nonattainment areas is a nonattainment area for 2008 and 2015 8-hour ozone NAAQSs.
- Morongo Indian Reservation Portion of SCAB is a nonattainment area for 2008 and 2015 8-hour ozone NAAQSs.
- Pechanga Indian Reservation Portion of SCAB is a nonattainment area for 2008 and 2015 8-hour ozone NAAQSs.

THE VENTURA COUNTY PORTION OF THE SOUTH CENTRAL COAST AIR BASIN (SCCAB):

- The entire county is a nonattainment area for 2008 and 2015 8-hour ozone NAAQSs.

THE MOJAVE DESERT AIR BASIN (MDAB):

The desert areas of the Los Angeles, Riverside, and San Bernardino counties constitute the SCAG portion of the MDAB. There are four federal nonattainment and maintenance areas within the MDAB:

- Western MDAB [Antelope Valley Portion of MDAB - the entire desert portion of Los Angeles County (known as Antelope Valley) and San Bernardino County Portion of MDAB] for 2008 and 2015 8-hour ozone NAAQSs.
- San Bernardino County Portion of MDAB (Searles Valley - situated in the northwestern part of the County) is nonattainment for PM_{10} NAAQS.
- San Bernardino County Portion of MDAB (excluding the Searles Valley area) is a nonattainment area for PM_{10} NAAQS.

THE SALTON SEA AIR BASIN (SSAB):

The SSAB consists of Imperial County and the central portion of Riverside County. There are eight federal nonattainment and maintenance areas within the SSAB:

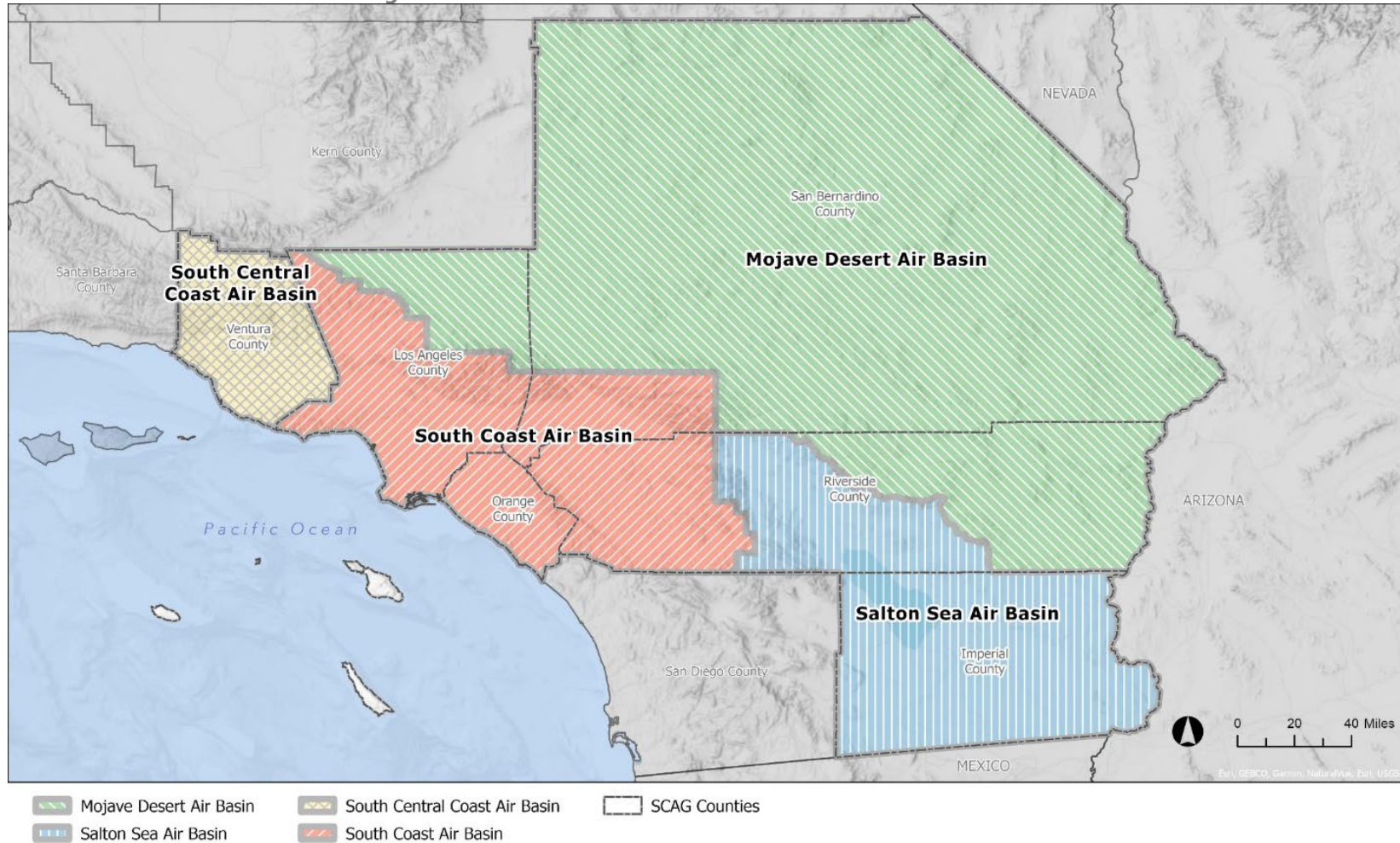
- The Riverside County Portion of SSAB – The Coachella Valley area is a nonattainment area for 2008 and 2015 8-hour ozone NAAQSs and a maintenance area for PM_{10} NAAQS.
- Most of Imperial County is a maintenance area for PM_{10} NAAQS and a nonattainment area for 2008 and 2015 8-hour ozone NAAQSs.

- The urbanized area of Imperial County is a nonattainment area for 2006 24-hour and 2012 annual PM_{2.5} NAAQSs.

THE FIVE AIR DISTRICTS AND THE AREAS THEY ADMINISTER ARE AS FOLLOWS:

Air District	Jurisdiction
South Coast Air Quality Management District (SCAQMD).	The SCAB, excluding Morongo and Pechanga, the Riverside County portion of the SSAB (Coachella Valley), and the Riverside County portion of the MDAB excluding Palo Verde Valley.
Ventura County Air Pollution Control District (VCAPCD).	Ventura County portion of the SCCAB.
Mojave Desert Air Quality Management District (MDAQMD).	Portions of the MDAB situated in San Bernardino County and eastern Riverside County. The Riverside County portion is known as the Palo Verde Valley Area.
Antelope Valley Air Quality Management District (Antelope AQMD).	Los Angeles County portion of the MDAB.
Imperial County Air Pollution Control District (ICAPCD).	Imperial County portion of the SSAB.

Exhibit 1. Air Basins in the SCAG Region

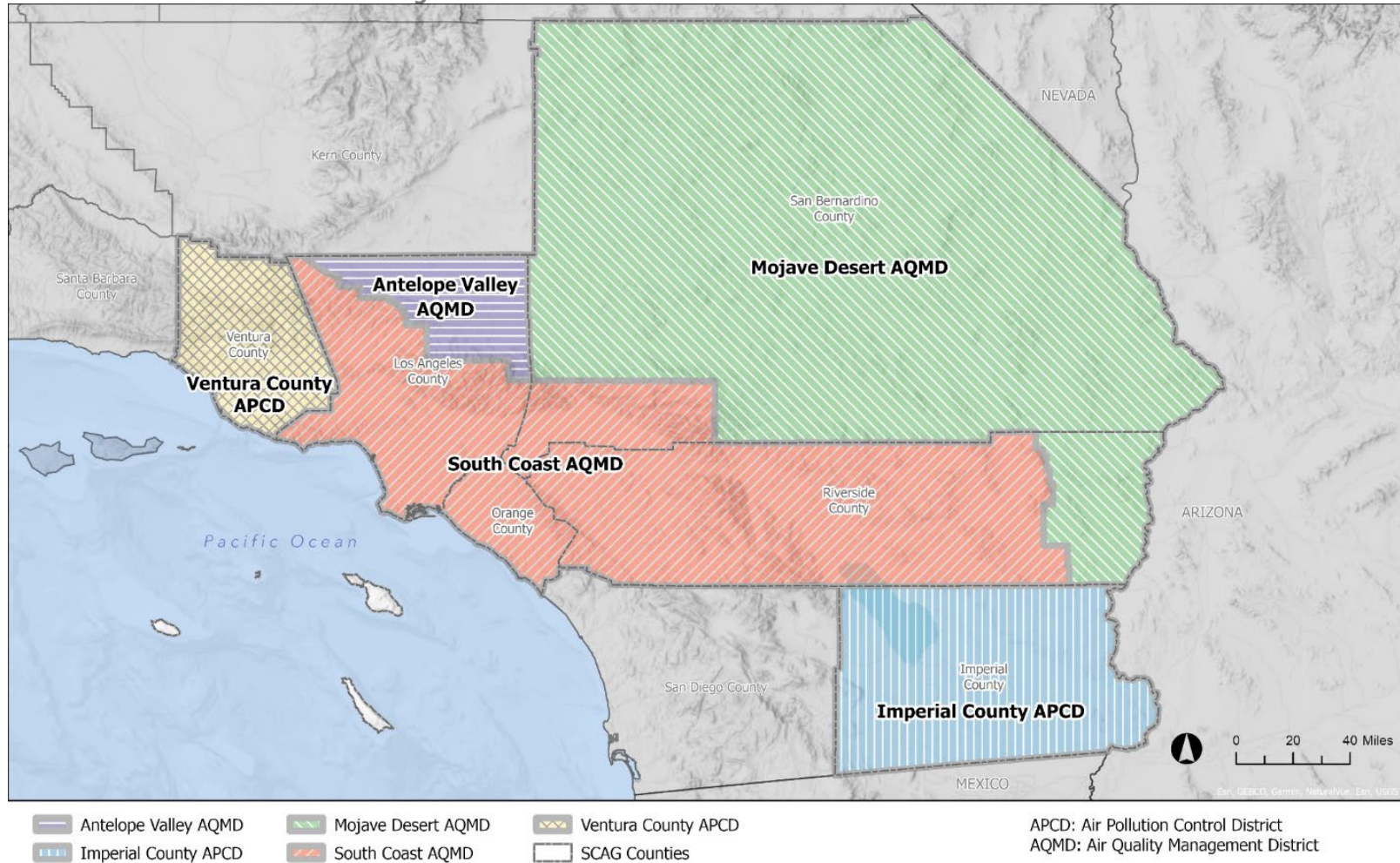


Source: SCAG 2022

Map Title: 01_Air Basins in the SCAG Region

O:\RTP\rtpt2024\aprx\Transportation_Conformity\01_Air Basins in the SCAG Region.aprx | Date: 2/6/2024

Exhibit 2. Air Districts in the SCAG Region



Source: SCAG 2022

Map Title: 02_Air Districts in the SCAG Region

O:\=RTP\=rtp2024\aprx\Transportation_Conformity\02_Air Districts in the SCAG Region.aprx | Date: 2/6/2024

Exhibit 3. Federal Nonattainment and Maintenance Areas in the SCAG Region (2008 8-hour Ozone)

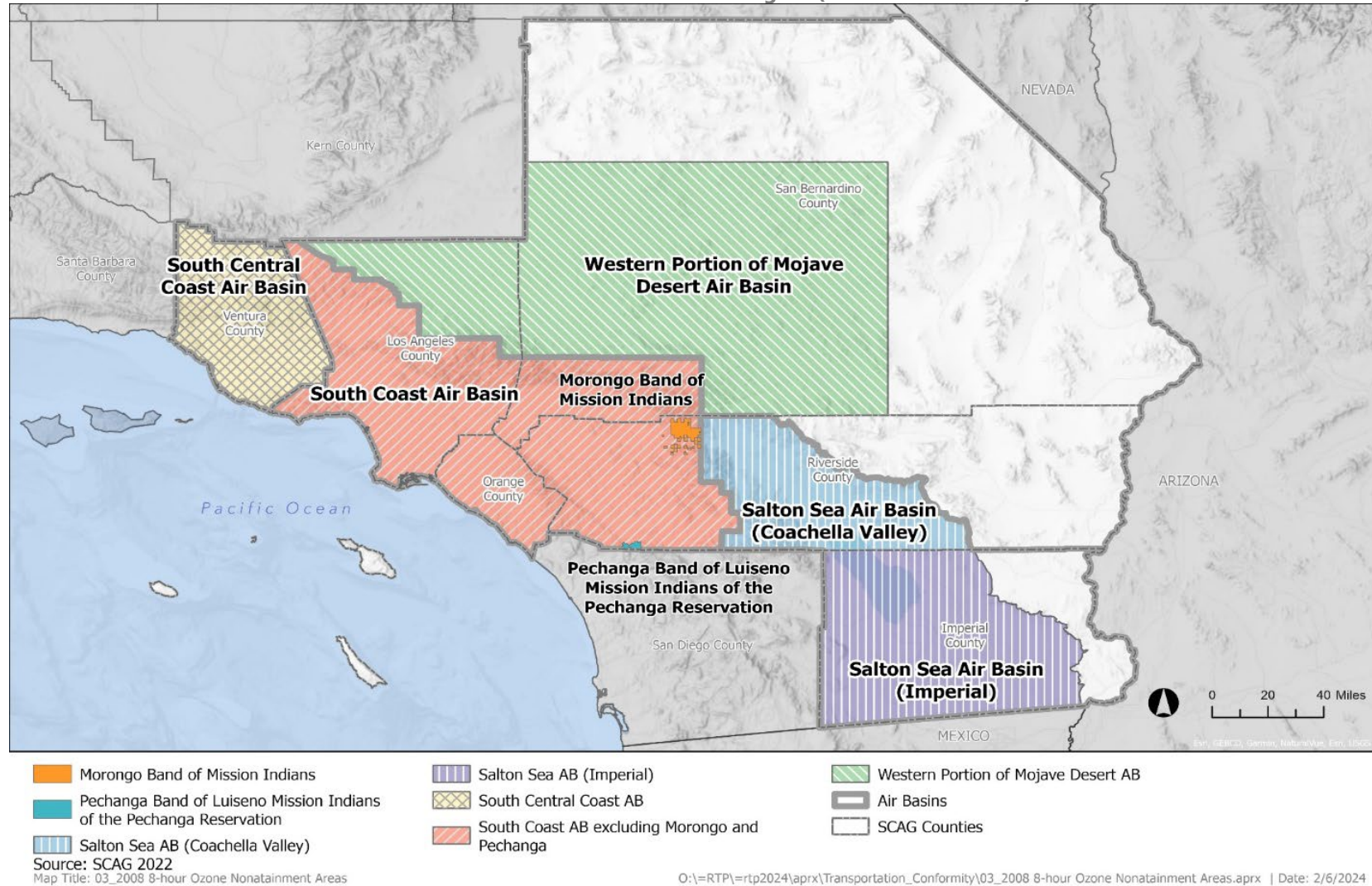


Exhibit 4. Federal Nonattainment and Maintenance Areas in the SCAG Region (2015 8-hour Ozone)

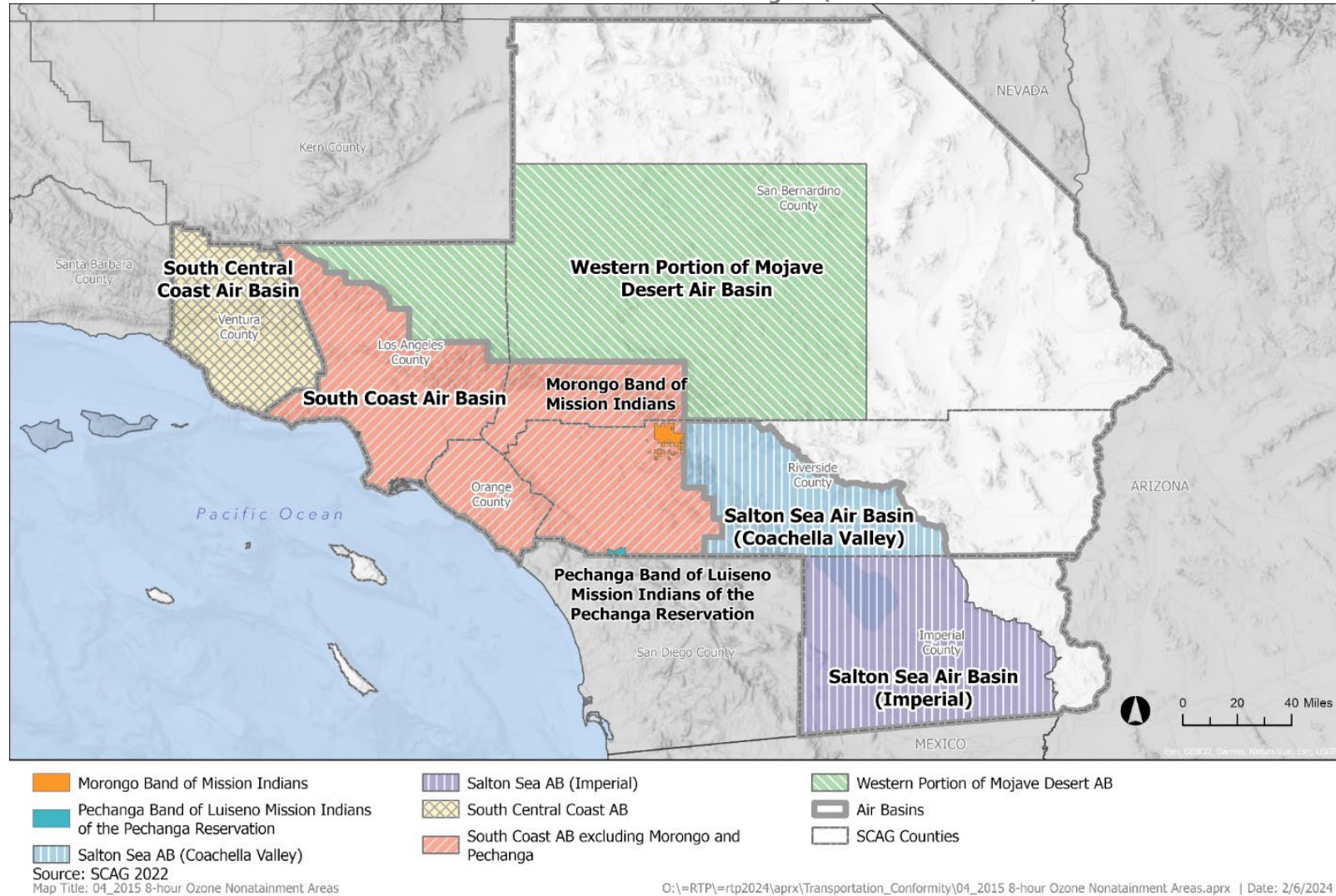
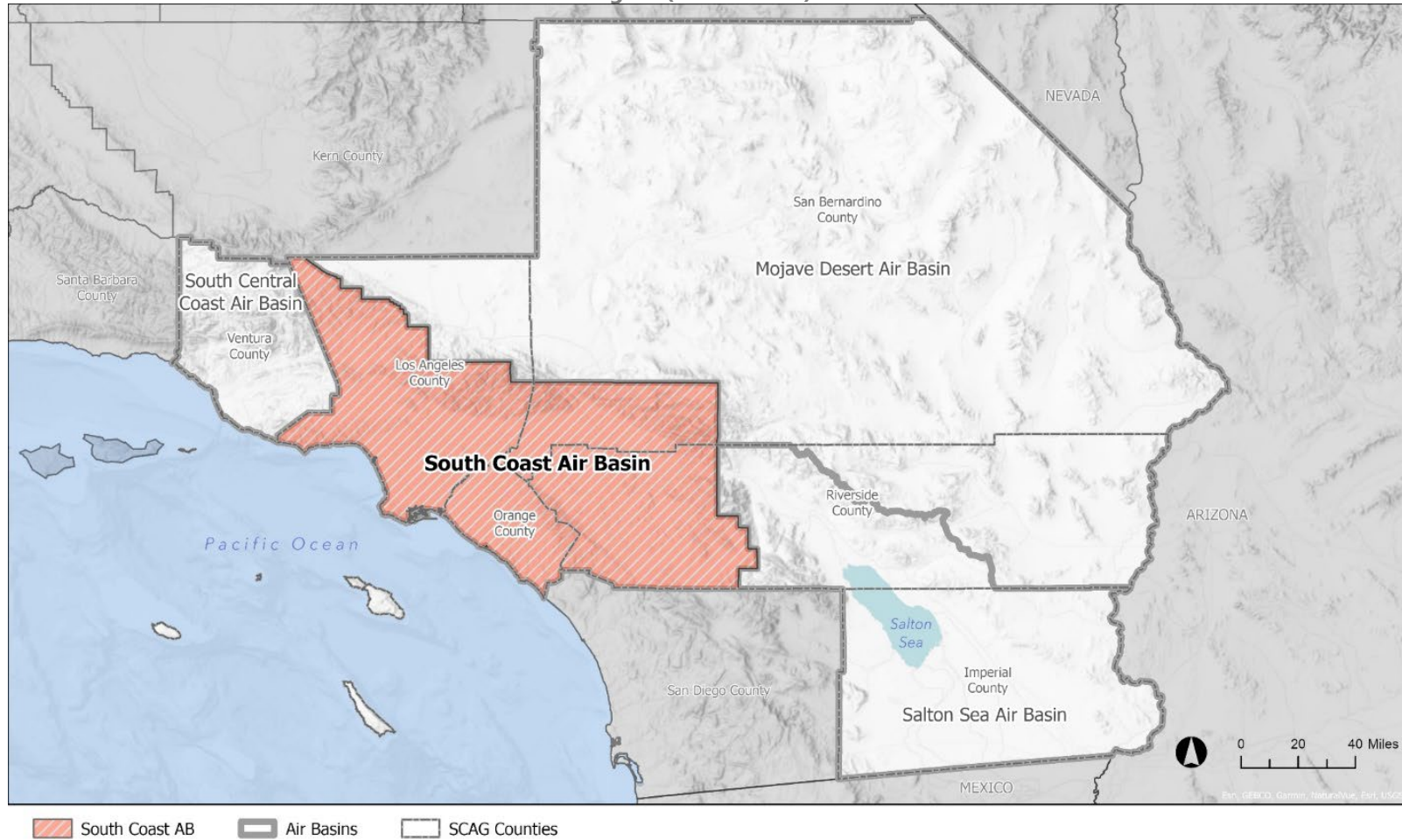


Exhibit 5. Federal Nonattainment Areas in the SCAG Region (1997 PM2.5)

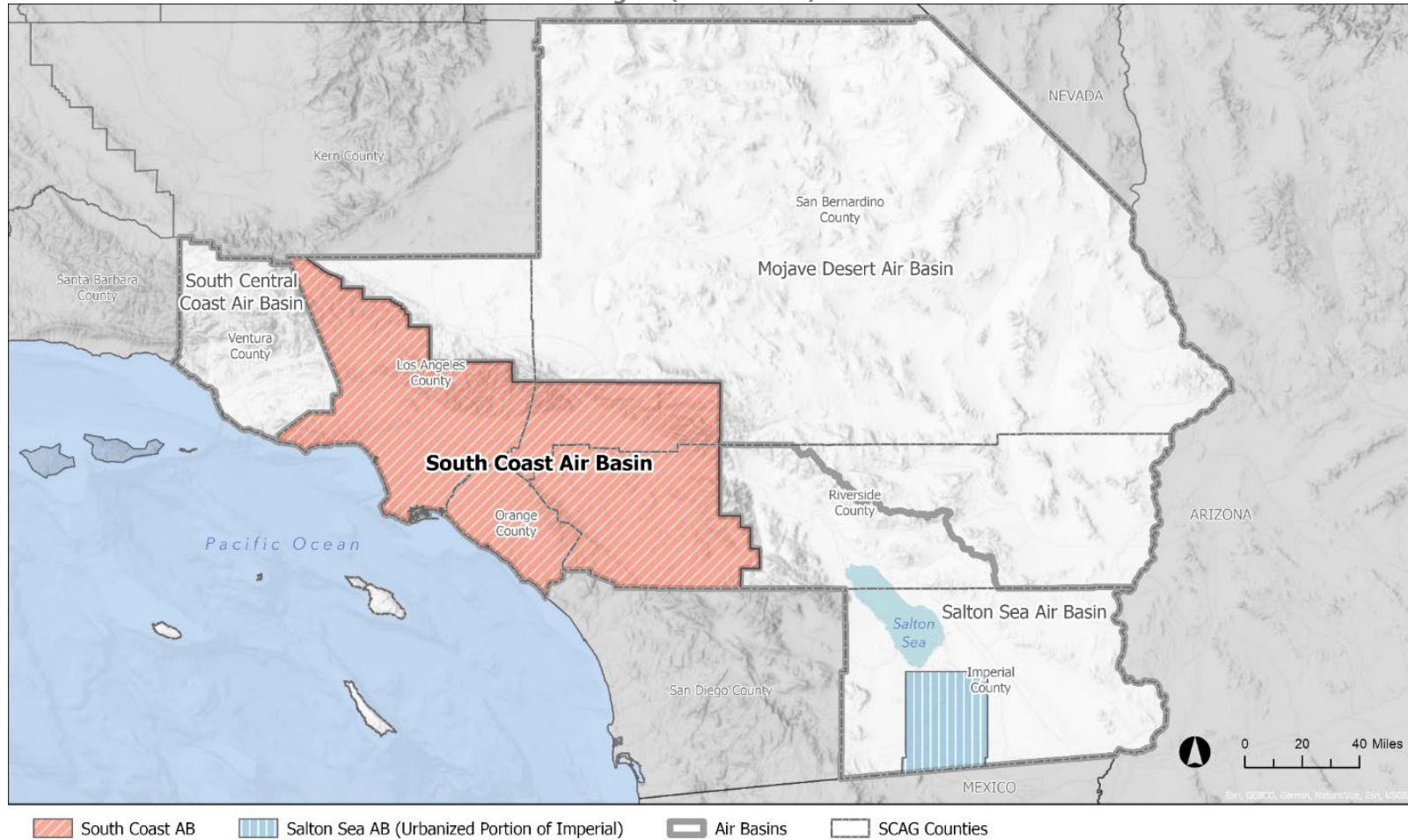


Source: SCAG 2022

Map Title: 05_1997 PM2.5 Nonattainment Areas

O:\RTP\rtpt2024\aprx\Transportation_Conformity\05_1997 PM2.5 Nonattainment Areas.aprx | Date: 2/6/2024

Exhibit 6. Federal Nonattainment Areas in the SCAG Region (2006 PM2.5)

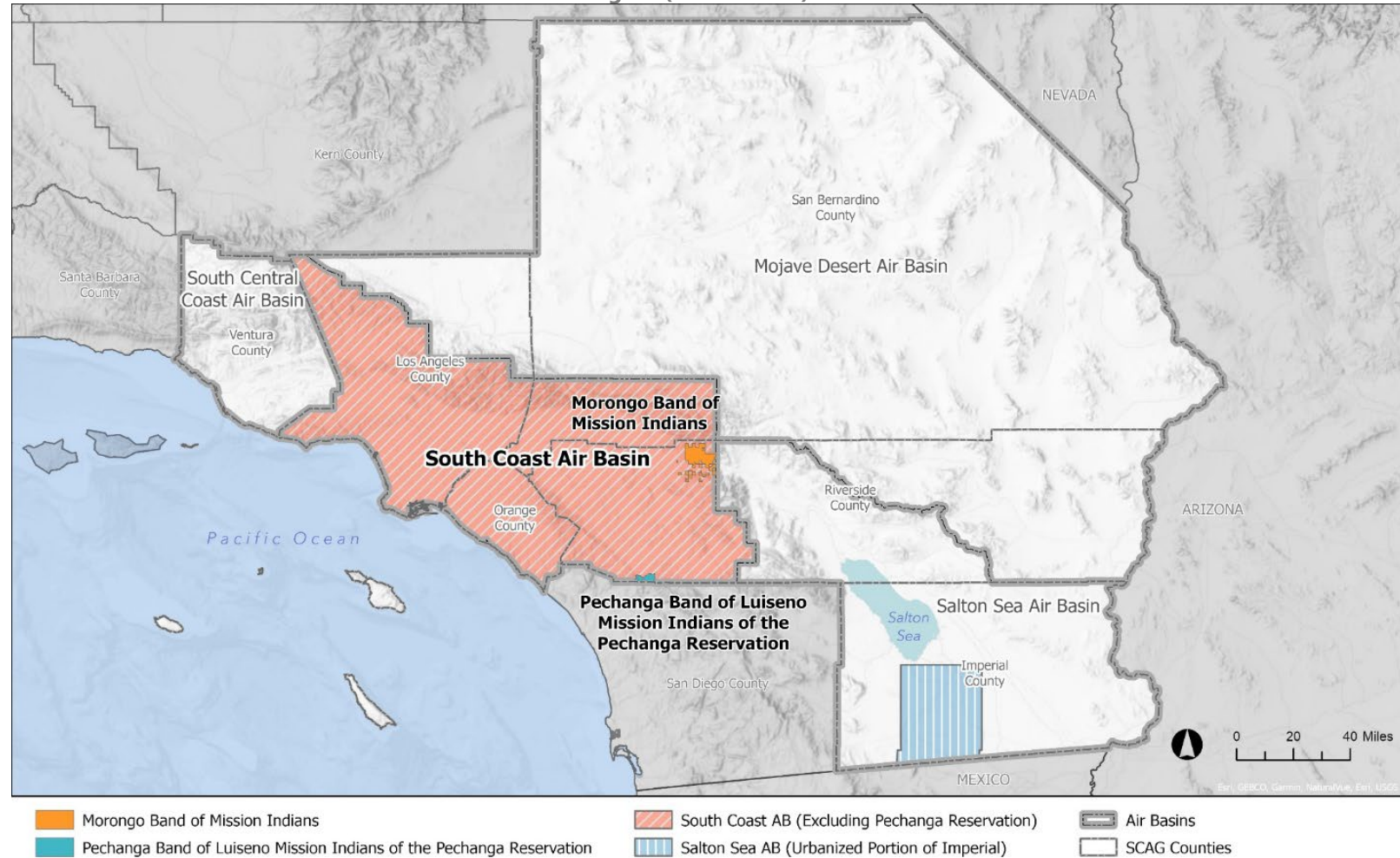


Source: SCAG 2022

Map Title: 06_2006 PM2.5 Nonattainment Areas

O:\RTP\rtpt2024\aprx\Transportation_Conformity\06_2006 PM2.5 Nonattainment Areas.aprx | Date: 2/6/2024

Exhibit 7. Federal Nonattainment Areas in the SCAG Region (2012 PM2.5)

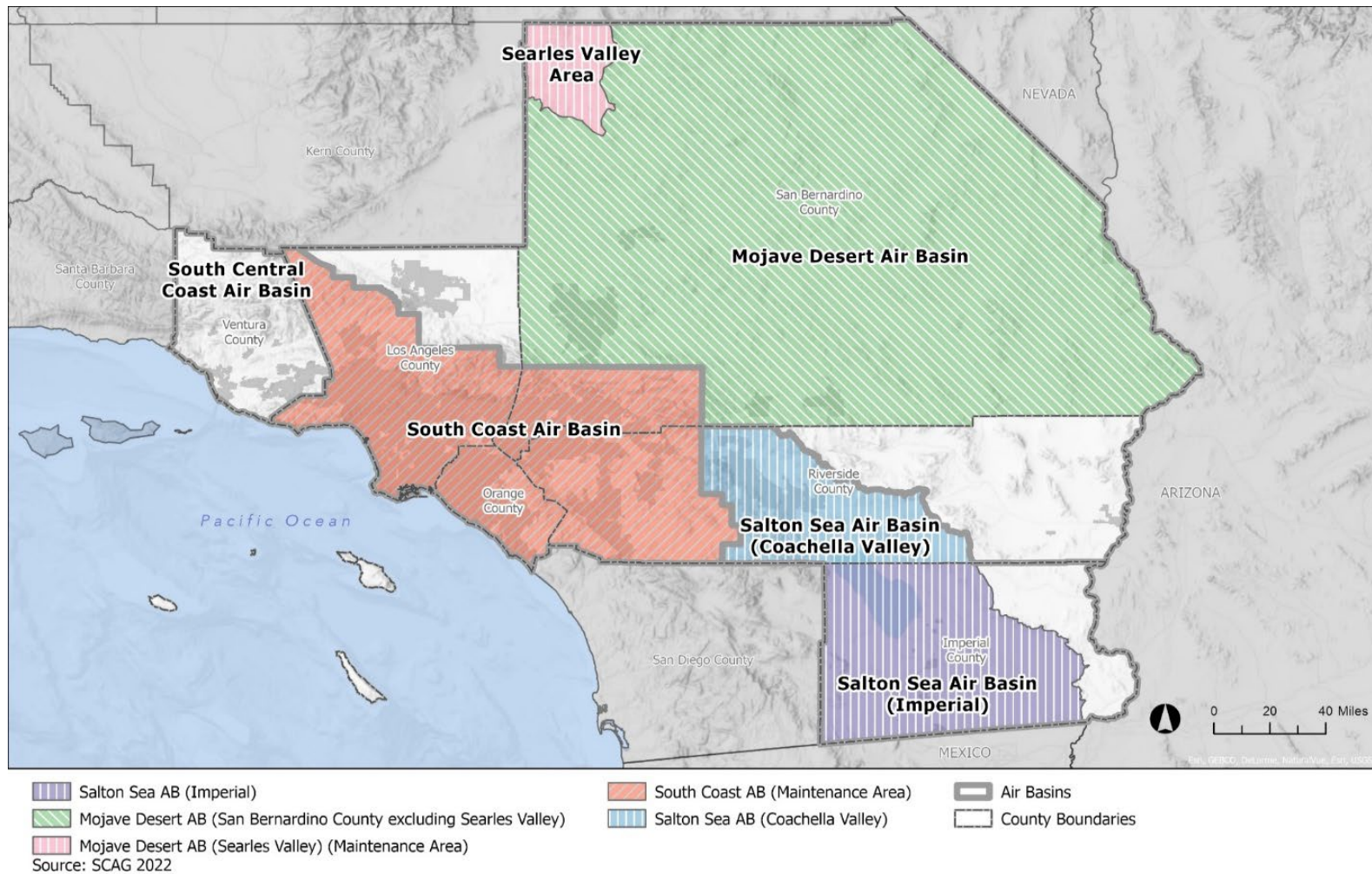


Source: SCAG 2022

Map Title: 07_2012 PM2.5 Nonattainment Areas

O:\RTP\rtpt2024\aprx\Transportation_Conformity\07_2012 PM2.5 Nonattainment Areas.aprx | Date: 2/6/2024

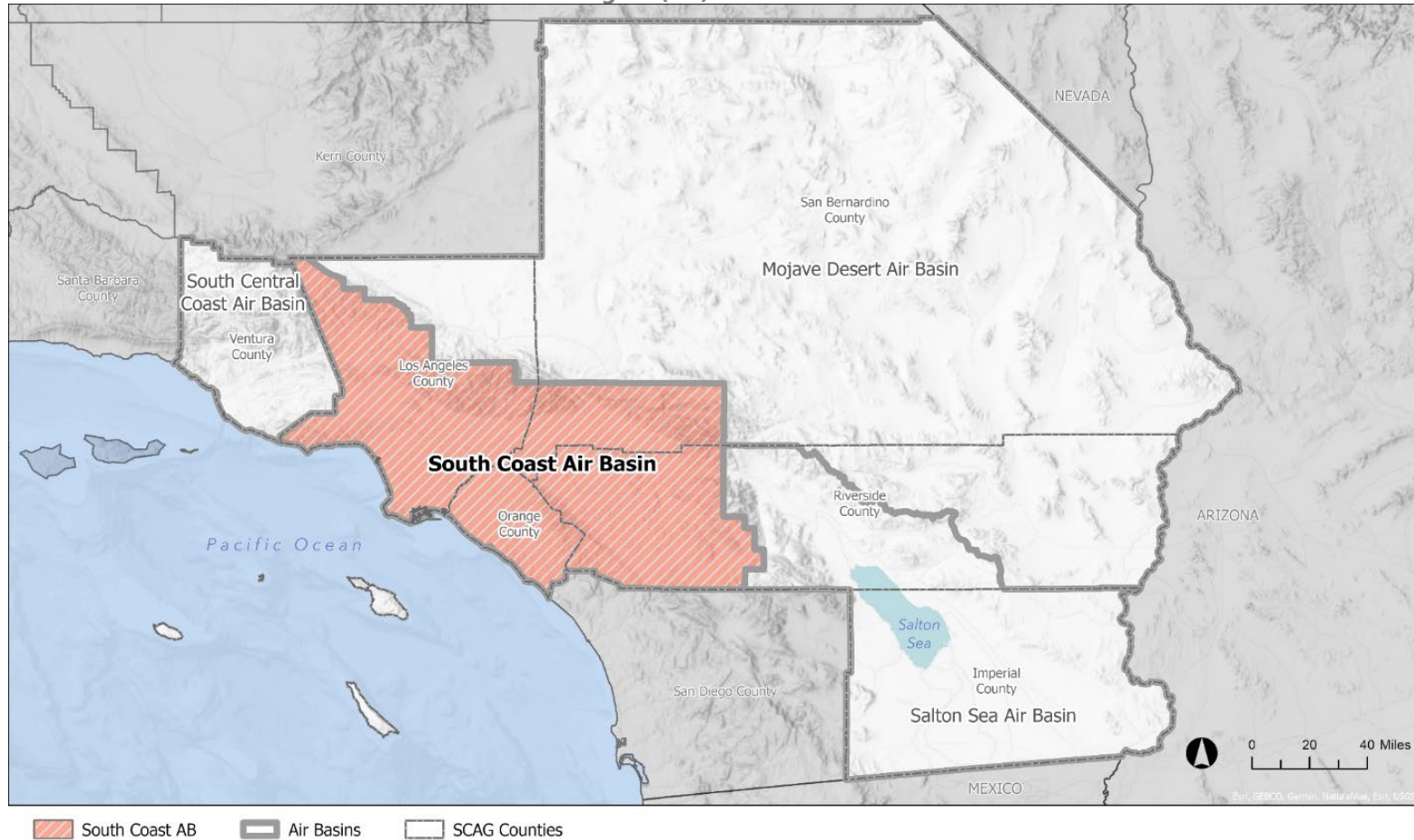
Exhibit 8. Federal Nonattainment and Maintenance Areas in the SCAG Region (PM10)



Map Title: 08_PM10 Nonattainment and Maintenance Areas

O:\RTP\=rtp2024\aprx\Transportation_Conformity\08_PM10 Nonattainment and Maintenance Areas.aprx | Date: 8/2/2023

Exhibit 9. Federal Maintenance Areas in the SCAG Region (CO)



Source: SCAG 2022

Map Title: 09_CO Maintenance Area

O:\RTP\rtpt2024\aprx\Transportation_Conformity\09_CO Maintenance Area.aprx | Date: 2/6/2024

C. Required Modeling for Transportation Conformity

The Transportation Conformity Regulations establish the criteria and procedures necessary to meet the transportation conformity requirements set forth in the federal CAA. MPOs do not have discretion relative to these criteria or procedures. Per the conformity regulations, projects must be from a currently conforming RTP/SCS.

Transportation conformity requires, in part:

- Demonstration through transportation model-based emissions analyses that the RTP/SCS and FTIP meet the motor vehicle emissions budgets for each applicable criteria pollutant or pollutant precursor established in an applicable SIP and are approved or found adequate by EPA;
- The regional emissions analysis of the transportation system includes all regionally significant projects contained in the RTP/SCS and all other regionally significant highway and transit projects;
- Modeled years include the year with motor vehicle emissions budget, attainment year, RTP/SCS horizon year, and other years such that the first analysis year is no more than five years beyond the year in which the conformity determination was made, and modeled years are no more than ten years apart⁵;
- Perform interim conformity emission tests for those nonattainment and maintenance areas for which no motor vehicle emissions budgets are set. In such a case, the regional emissions analysis requires interim emissions tests that emissions for the build-scenario in all milestone years are less than or equal to baseline/no-build scenario's emissions.

Required modeled years⁶ by air basin and nonattainment/maintenance area are as follows:

Table B-1 South Central Coast Air Basin – Ventura County Portion

Modeling Year	2026	2035	2045	2050
NAAQS	Ozone ^a	Ozone	Ozone	Ozone

Note that the 2008 8-hour ozone NAAQS budget apply to all analysis years in Table B-1.

Table B-1a South Central Coast Air Basin – Ventura County Portion

Modeling Year	2026	2035	2045	2050
NAAQS	Ozone ^a	Ozone	Ozone	Ozone

Note that Table B-1a will supersede Table B-1 upon U.S. EPA approval of the new ozone budgets in 2022 Updates to California 2015 8-hour ozone SIP for the Ventura County Nonattainment Area. The 2015 8-hour ozone NAAQS budget apply to all analysis years in Table B-1a.

⁵ U.S. Environmental Protection Agency. Transportation Conformity Regulations as of April 2012. Accessed from https://www.fhwa.dot.gov/environment/air_quality/conformity/laws_and_regs/rule.cfm

⁶ Required modeled years are based on current AQMPs/SIPs. These years may change upon new AQMPs/SIPs.

^a Attainment year

*Build/No-Build Test

Table B-2 South Coast Air Basin

(including three ozone nonattainment areas in SCAB: Morongo, Pechanga, and SCAB excluding Morongo and Pechanga)

Modeling Year	2025	2026	2029	2030	2031	2035	2037	2045	2050
NAAQS	PM _{2.5} ^a	Ozone ^{a,b}	Ozone ^b		Ozone ^{a,b}	Ozone ^a	Ozone ^a	Ozone ^a	Ozone ^a
	PM ₁₀			PM ₁₀ ^b		PM _{2.5}		PM _{2.5}	PM _{2.5}
	CO			CO		PM ₁₀		PM ₁₀	PM ₁₀
						CO		CO	CO

Table B-2a South Coast Air Basin

(including three ozone nonattainment areas in SCAB: Morongo, Pechanga, and SCAB excluding Morongo and Pechanga)

Modeling Year	2025	2026	2028	2029	2030	2031	2032	2035	2037	2045	2050
NAAQS	PM _{2.5} ^a	Ozone ^{a,b}		Ozone ^b	PM _{2.5} ^a	Ozone ^{a,b}		Ozone ^b	Ozone ^{a,b}	Ozone ^a	Ozone ^a
	PM ₁₀		PM _{2.5} ^a		PM ₁₀ ^b	PM _{2.5} ^a	Ozone ^b	PM _{2.5}		PM _{2.5}	PM _{2.5}
	CO				CO			PM ₁₀		PM ₁₀	PM ₁₀
								CO		CO	CO

Note that Table B-2a will supersede Table B-2 upon U.S. EPA approval of the new ozone budgets in 2022 Updates to California 2015 8-hour ozone SIP for the South Coast Air Basin and U.S. EPA approval of the new PM_{2.5} budgets in the 2024 South Coast Air Basin PM_{2.5} Plan for the 2012 annual PM_{2.5} NAAQS.

Table B-3 Western Mojave Desert Air Basin – Antelope Valley Portion of Los Angeles County and San Bernardino County Portion of MDAB excluding Searles Valley

Modeling Year	2026	2032	2040	2050
NAAQS	Ozone ^{a,b} (2008 NAAQS)	Ozone ^a	Ozone	Ozone

Table B-3a Western Mojave Desert Air Basin – Antelope Valley Portion of Los Angeles County and San Bernardino County Portion of MDAB excluding Searles Valley

Modeling Year	2026	2029	2032	2040	2050
NAAQS	Ozone ^{a,b} (2015 NAAQS)	Ozone ^b	Ozone ^{a,b}	Ozone	Ozone

Note that Table B-3a will supersede Table B-3 upon U.S. EPA approval of the new ozone budgets in 2022 Updates to California 2015 8-hour ozone SIPs for the Western Mojave Desert Nonattainment Area.

^b Budget year

Table B-4 Mojave Desert Air Basin –San Bernardino County Portion excluding Searles Valley (No Currently Approved Budgets)

Modeling Year	2025	2035	2045	2050
NAAQS	PM ₁₀ [*]	PM ₁₀ [*]	PM ₁₀ [*]	PM ₁₀ [*]

Table B-5 Mojave Desert Air Basin – Searles Valley Portion (No Currently Approved Budgets)

Modeling Year	2025	2035	2045	2050
NAAQS	PM ₁₀ [*]	PM ₁₀ [*]	PM ₁₀ [*]	PM ₁₀ [*]

Table B-6 Salton Sea Air Basin – Coachella Valley Portion

Modeling Year	2025	2026	2029	2031	2035	2040	2050
NAAQS	PM ₁₀	Ozone ^{a,b}	Ozone ^b	Ozone ^b	PM ₁₀	Ozone PM ₁₀	Ozone PM ₁₀

Table B-6a Salton Sea Air Basin – Coachella Valley Portion

Modeling Year	2025	2026	2029	2031	2032	2035	2037	2040	2050
NAAQS	PM ₁₀	Ozone ^{a,b}	Ozone ^{a,b}	Ozone ^{a,b}	Ozone ^{a,b}	Ozone ^b PM ₁₀	Ozone ^b	Ozone PM ₁₀	Ozone PM ₁₀

Note that Table B-6a will supersede Table B-6 upon U.S. EPA approval of the new ozone budgets in 2022 Updates to California 2015 8-hour Ozone SIP for the Coachella Valley and U.S. EPA approval of the new ozone budgets in Coachella Valley Attainment Plan for the 2008 8-hour ozone NAAQS.

Table B-7 Salton Sea Air Basin – Imperial County Portion

Modeling Year	2025	2030	2035	2045	2050
NAAQS	Ozone PM _{2.5} [*] PM ₁₀	PM ₁₀ ^b	Ozone PM _{2.5} [*] PM ₁₀	Ozone PM _{2.5} [*] PM ₁₀	Ozone PM _{2.5} [*] PM ₁₀

EXAMPLE 1

Based on these requirements set forth by federal laws, changes to the opening date of a project in a nonattainment/maintenance area must be accounted for in an RTP/FTIP amendment in those cases when the revised completion date would place the project in a year different from what was modeled in the federally approved RTP/SCS or FTIP in the same air basin. As a hypothetical example:

- The federally approved transportation conformity emissions analysis required modeling for years 2026, 2035, 2045, and 2050 in the South Central Coast Air Basin (SCCAB) nonattainment area;

- A project in the SCCAB was included in the federally approved RTP/SCS and FTIP with an opening date of 2032 (i.e., project was modeled in the 2035 network);
- Revised opening date of 2037 (crosses over the next required model year);
- Need to remodel since 2035 model network would no longer be correct – RTP/SCS and FTIP amendment would be necessary to make this change.

EXAMPLE 2

For those cases where a project's opening date does not cross over to a different required model year in the same air basin where this project is located, no new emissions analysis is necessary for purposes of conformity. As a hypothetical example:

- The federally approved transportation conformity emissions analysis required modeling for years 2026, 2035, 2045, and 2050 in the South Central Coast Air Basin (SCCAB) nonattainment area;
- A project in the SCCAB was included in the federally approved RTP/SCS and FTIP with an opening date of 2029 (i.e., project was modeled in the 2035 network);
- Revised opening date of 2032 (does not cross over the next required model year); No need to remodel.

As shown in Table B-2 and anticipated superseding Table B-2a, it will remain a challenge to delay project completion years during the 2027 FTIP, especially in the South Coast Air Basin where almost every year is a required modeling year.

D. Regionally Significant Projects

EPA's transportation conformity regulations require that the impacts of "Regionally Significant" projects be considered in the regional emissions analyses for regional transportation plans and FTIPs regardless of funding sources (e.g. even 100% locally funded projects). EPA's use of the term "Regionally Significant" is intended to limit emissions analyses to those projects that would have significant impacts on regional travel, emissions, and air quality. EPA defines the terms as follows:

"Regionally significant project means a transportation project (other than an exempt project) that is on a facility which serves regional transportation needs (such as access to and from the area outside of the region, major activity centers in the region, major planned developments such as new retail malls, sports complexes, etc., or transportation terminals as well as most terminals themselves) and would normally be included in the modeling of a metropolitan area's transportation network, including at a minimum all principal arterial highways and all fixed guideway transit facilities that offer an alternative to regional highway travel."

For the purpose of regional transportation modeling and regional emissions analysis in the SCAG region, any transportation facility project meeting one of the following criteria is considered regionally significant:

- a. **Freeways**
- b. **State Highways**
- c. **Principal Arterials** (eight-lane divided roadway)
- d. **Major Arterials, Major and Minor Collectors**
- e. **Routes** that provide access to major activity centers such as amusement parks, regional shopping centers, military bases, airports and ports
- f. **Goods Movement Routes** including both truck routes and rail lines as well as rural agricultural routes that provide goods to the regions
- g. **Intermodal transfer facilities** such as transit centers, rail stations, airports, and ports
- h. **Fixed transit routes** such as light and heavy rail, commuter rail, and express bus routes

Each county transportation commission is required to identify regionally significant projects by entering the appropriate *program code* for each project in the SCAG FTIP database. The codes are listed based on the program code type (i.e., the first two characters). For example, capacity enhancing improvements are coded as "CA," while Non-Capacity Improvements are coded "NC." To better identify projects of Regional Significance and Goods Movement projects, please utilize the Regionally Significant ("X"), and Goods Movement ("Y") program codes (see page 110 of these Guidelines). A regionally significant, capacity enhancing grade crossing project should be coded as "CAX61." If the grade separation project will improve access to and from a port, the project should be coded as "CAY61" to identify it as a goods movement project.

The program codes also assist SCAG staff in identifying projects that require modeling. Modeled projects will be extracted from the SCAG FTIP database based on the regionally significant program codes. It is imperative that the Program Code field is accurate to ensure that projects are modeled. Specific project information is required for modeling purposes. The required information for input for each type of project

is found on the far-right column of the table (see Table III-A: Modeling Information on the next page53). Counties should enter this project information into the FTIP database as part of the project description and/or comment section, as well as in the eFTIP modeling fields, as applicable.

In addition to the modeling information, counties should identify other projects not covered in the project list provided in Table III-A: MODELING INFORMATION. Examples of other regionally significant projects are goods movement routes, intermodal transfer facilities, and major fixed transit routes.

SCAG also models the type of projects listed below to provide accurate VMT estimates utilized in the regional emissions analysis. This information is to be submitted to the SCAG Transportation Modeling Division with the same deadline as the submittals for the FTIP cycle.

(a) Major Arterials.

(b) Bus Routes (Express and local).

SCAG's Modeling Task Force and Transportation Conformity Working Group function as the forums responsible for interagency consultation to discuss which minor arterials and other projects, in addition to EPA's definition of regionally significant projects, shall be modeled.

Table III-A: MODELING INFORMATION

Project Category	Program Code(s)	Required Modeling Details
<u>Interchange Projects</u> New interchanges.	CAX70 CAY70 CAX71 CAY71 CAXT7 CAYT7	<ul style="list-style-type: none"> • Type of facility, length, beginning and end points of the project • Number of lanes in each direction • Posted speed limits • Sketch, map, or layout diagram showing the overall scope • For project with HOV facilities, include number of HOV lanes in each direction and location(s) of access/egress • Truck only or truck prohibition • Project completion date
Interchange reconstruction projects that add capacity.	CARH3 CART3 CAXT3 CAYT3	<ul style="list-style-type: none"> • Location, configuration, beginning and end points of the project and type of facility • Existing and proposed number of lanes in each direction • Posted speed limits
Ramp widening and new ramps to existing interchanges.	CAX71 CAY71	<ul style="list-style-type: none"> • Existing ramp – existing and proposed number of lanes • New Ramp – Number of lanes • Posted speed limits <p>Note: <u>Entry ramp</u>: If lane additions end at the gore point (no added lanes at the mainline) then no modeling is required. <u>Exit ramp</u>: If additional lanes are turn lanes and are within the ramp no modeling is required.</p>
Extended Interchange (IC) Ramp Acceleration/Deceleration Lanes.	CAR88	<ul style="list-style-type: none"> • Length of extended IC Ramp Acc/Del Lanes, modeling required if ¼ mile or greater
Interchange projects with auxiliary lanes extending beyond 1/8 of a mile or through an interchange.	CAN37	<p>In addition to interchange project information (except extended IC ramp category):</p> <ul style="list-style-type: none"> • Type of auxiliary lanes including locations of beginning and end points • Length and number of lanes • Posted speed limits

Project Category	Program Code(s)	Required Modeling Details
Existing over/under-crossings that add new ramps to become interchanges.	CAR75 CAX75 CAY75 CART0 CAXT0 CAYT0	<ul style="list-style-type: none"> • Same as new interchange • Type of facility, length, beginning and end points of the project • Number of lanes in each direction • Posted speed limits • New freeway interchange should include a sketch diagram showing the overall scope • For project with HOV facilities, also include number of HOV lanes in each direction and location of access/egress • Truck only or truck prohibition • Project completion date
<u>Local Road & Arterial Projects</u> New local roads & arterials.	CAX66 CAY66 CAN66 CAXT5 CAYT5 CANT5 CAN77	<ul style="list-style-type: none"> • Location and type of facility including length, beginning and end points of the project • Number of lanes in each direction • Divided, undivided, or continuous left turn lane • Signal optimization or turn prohibition • Roadside parking restriction • Posted speeds • Existing number of lanes • Reversible Lanes
New local road & arterial connections	CAN66 CAX66 CAY66 CANT5 CAXT5 CAYT5	<ul style="list-style-type: none"> • Location and type of facility including length, beginning and end points of the project • Number of lanes in each direction • Divided, undivided, or continuous left turn lane • Signal optimization or turn prohibition • Roadside parking restriction • Posted speeds • New local street should include a sketch diagram showing the overall scope
Local road & arterial improvements that add capacity (includes gap closures 1/8 of mile or longer)	CAN76 CAX76 CAY76 CAX62 CAY62 CAR63 CAX63 CAY63 CART2 CAXT2 CAYT2	<ul style="list-style-type: none"> • Project length, beginning and end points of the improvement • Existing and proposed number of lanes • New capacity by signal optimization or parking restriction if no lane addition • Specify if facility type changes with changes in number of lanes • Upgrade road system to Parkway

Local road & arterial improvements that reduce capacity (Road Diet 1/8 of a mile or longer)	CAX77	<ul style="list-style-type: none"> • Project length, beginning and end points of the improvement • Existing and proposed number of lanes • New capacity by signal optimization or parking restriction if no lane addition • Specify if facility type changes with changes in number of lanes • Upgrade road system to Parkway • Number of lanes eliminated • Specify the use of the removed lanes
Extended Arterial Right-Turn Lanes.	CAR63 CAX62 CAX63 CAY62 CAY63	<ul style="list-style-type: none"> • Project length, beginning and end points of the improvement • Existing and proposed number of lanes
<u>Bridge & Grade Separation Projects</u> New bridges (Over-cross or Under-cross).	CAX65 CAY65 CAN65 CAXT4 CAYT4 CANT4 CAX72 CAY72	<ul style="list-style-type: none"> • Location, length, posted speeds and number of lanes in each direction • Existing number of lanes and type of facility approaching or merging to the new bridge • Bridges/Grade Separation should include a sketch diagram showing the overall scope
Bridge reconstruction projects that add capacity.	CAX60 CAN72 CAX72 CAY72 CAXT1 CAXT8 CAYT8 CANT8 CAR75 CAX75 CAY75	<ul style="list-style-type: none"> • Existing and proposed number of lanes in each direction • Change of facility type
Grade separation projects that add capacity to local roads/highways.	CAX61 CAY75 CAR75 CAXT0 CAYT0 CART0	<ul style="list-style-type: none"> • Location, length, and facility type • Existing and proposed posted speeds and number of lanes in each direction • Change of facility type or capacity to the merging local roads or highways • Truck only or truck prohibition <p>(Describe whether grade separation number of lanes matches or adds to number of lanes approaching the grade crossing on an existing road; existing grade crossing may be narrower than the rest of the existing road.)</p>

<p><u>State Highway Projects</u></p> <p>New highways.</p>	<p>CAX66 CAY66 CAN66 CAXT5 CAYT5 CANT5 CAX68 CAY68 CAX67 CAY67 CAN67 CAXT6 CAYT6 CANT6 CAN69 CAX74</p>	<ul style="list-style-type: none"> • Type of facility, length, beginning and end points of the project • Number of lanes in each direction • Posted speed limits • A sketch diagram showing the alignment or configuration of the new highway project • For project with HOV facilities, also include number of HOV lanes in each direction and location of access/egress • Truck only or truck prohibition within urbanized area • Toll facility also include toll rate, toll collection location and method • Project completion date
<p>New connections.</p>	<p>CAX62 CAY62 CAY63 CAR63 CAX63 CAN69</p>	<ul style="list-style-type: none"> • Location and configuration of the new connection • Type of facility, number of lanes in each direction • Posted speed limits
<p>Mainline improvements that add capacity (general purpose and HOV lanes).</p>	<p>CAX62 CAY62 CAX63 CAY63 CAR63 CART2 CAXT2 CAYT2</p>	<ul style="list-style-type: none"> • Length, beginning and end points of the project • Number of lanes in each direction • Posted speed limits • Existing number of lanes (Specify if it includes Auxiliary lanes)
<p>Auxiliary lanes (If more than 1/8 of a mile or extending through an interchange.)</p>	<p>CAN37</p>	<ul style="list-style-type: none"> • Same as above • Length, beginning and end points of the project • Number of lanes in each direction • Posted speed limits • Specify the status of Auxiliary lanes, if any existing
<p>New HOV lanes.</p>	<p>CAX62 CAY62</p>	<ul style="list-style-type: none"> • Number of HOV lanes in each direction and location of access and egress points • Auto occupancy threshold and hours of operation • Posted speed limits
<p>New HOT lanes.</p>	<p>CANT9 CART9 CAXT9</p>	<ul style="list-style-type: none"> • Number of HOT lanes in each direction and location of access and egress points • Auto occupancy threshold and hours of operation • Posted speed limits • Rates

<u>Bus Transit Projects</u> <i>(Fixed-route & inter-city/commuter bus)</i> New bus service Expansion of existing bus service.	BUO00 BUO01 BUN94 BUN93	<ul style="list-style-type: none"> • Bus routes • Stop locations • Headway by time period* for each direction • Boarding fare and transfer fare • Operation hours 5 time periods include: <ul style="list-style-type: none"> ▪ AM Peak: 6 am to 9 am ▪ Midday: 9 am to 3 pm ▪ PM Peak: 3 pm to 7 pm ▪ Evening: 7 pm to 9 pm ▪ Night: 9 pm to 6 am
Construction of exclusive busways.	BUO02	<ul style="list-style-type: none"> • Line shape of the exclusive busways • Point shape of bus stops • Headway by time period for each direction • Peak and off-peak bus travel time from a stop to the next stop • Boarding fare and transfer fare • Parking lot locations, parking spaces and parking cost • Average bus speed on exclusive busways • Potential reduction in number of parallel GP lanes • Operation hours
<u>Mass Transit Facilities</u> New multi-modal passenger stations and transit center.	TRNH6	<ul style="list-style-type: none"> • Location of the new station (e.g., longitude and latitude of the center point of the facility) • Parking spaces and parking cost • Other transit services proposed to use the facility
<u>Rail Service</u> New rail service Expansion of existing rail Service.	TRNH6 TREH6 TRN92 TRR15 TRR14 LRN92 RAN92	<ul style="list-style-type: none"> • Line shape of the rail routes • Point shape of rail stations • Headway by time period for each direction • Peak and off-peak rail travel time from a station to the next station • Parking lot locations, parking spaces and parking cost • Boarding fare and transfer fare • Platform level of each station (e.g., elevated, at-grade, underground) • Operation hours

<u>Park and Ride Facilities (P&R)</u> New Park & Ride facilities Expansion existing Park & Ride facilities	TDN64 TDR64	<ul style="list-style-type: none"> • Location of the new P&R lot (e.g., longitude and latitude of the center point of the P&R lot) • Type of the new P&R lot (rail, bus, carpool, or vanpool) • Parking spaces and parking cost
<u>Traffic Signal Synchronization</u> New traffic signal synchronization (3 or more signals)	ITS02	<ul style="list-style-type: none"> • Route • Beginning and ending points • Number of signals along with signal location map/diagram

E. Modeling

Counties must provide modeling information for all modeled projects in the eFTIP Database in the modeling section of the project input screen. The information provided in the eFTIP Database will be the **only** source of information that SCAG will use to model the 2027 FTIP. Thus, it is critical for all modeled projects to have the appropriate information in the modeling section.

A sample of the modeling report can be generated from the eFTIP Database which will include all the modeling fields in the database. If existing modeled projects to the 2025 FTIP are carried over to the 2027 FTIP, any changes to the modeled fields need to be updated.

MAPPING MODELED PROJECT

County transportation commissions are encouraged to submit a location map for each regionally significant project to be included in the regional emissions analysis. Other helpful information that may be included are project diagrams, funding applications and Project Study Reports (or excerpts). These maps and documents can be uploaded in the eFTIP database. County transportation commissions may also use the mapping application in the database to create or view all the projects that have been mapped.

The interactive mapping application in eFTIP allows users to map, view and edit FTIP projects. Users can mark lines or points to delineate a project location for a new project or edit an existing one. County transportation commissions may use this mapping application to show changes to modeled or non-modeled. For more details on creating or revising a project map in the eFTIP, please refer to the Mapping Projects tutorial found in the eFTIP under the Help/Tutorial under the Other Tools dashboard option.

F. Non-federal / Non-regionally Significant Projects – 100% Locally Funded

A non-federal project is one that requires no federal funding or approval. **Projects that are 100% locally funded should only be included in the FTIP if projects meet at least one of the following criteria:**

- 1) Regionally Significant or Goods Movement project
- 2) Capacity Enhancing project
- 3) Funding for a future phase will be federal
- 4) Environmental document requires federal approval
- 5) Project will help meet TDM / Non-Motorized investment Goals

All other non-federal and non-regionally significant projects should not be included in the FTIP. Limiting the number of locally-funded projects in the FTIP will significantly reduce the amount of staff time for everyone involved in inputting, reviewing and maintaining projects in the database.

G. Projects Exempt from Conformity⁷

Projects defined as exempt projects in §93.126 of the EPA's Transportation Conformity Regulations are exempt from the requirement to determine conformity (not required for regional and project level analysis). Exempt projects are listed in the Transportation Conformity Regulations as Table 2--Exempt Projects and are listed in these guidelines as Table III-B: Projects Exempt from Conformity on page 62. Nevertheless, the emissions reductions from these projects can be included in the conformity analysis. Such projects may proceed toward implementation even in the absence of a conforming transportation plan and TIP.

Additionally, a project may not be exempt if the MPO in consultation with other agencies, the EPA, FHWA (in case of a highway project), or the FTA (in case of a transit project) concur that the project has a potentially adverse emissions impact for any reason (see §93.105(c)(1)(III)). In such an event, a regional emissions analysis may be required. States and MPO's must ensure exempt projects do not interfere with TCM Implementation.

In addition, projects that add auxiliary lanes such as climbing, turning, passing lanes, and other purposes to be supplementary to through-traffic movement rather than to add capacity are safety projects⁸ and thus exempt.

In general, exempt projects include all projects which have no emissions impact and are considered to be neutral or de minimis.

Per Caltrans' "Clarification on Exempt Project Determination," projects that are in the state's Highway Safety Improvement Program (HSIP) are exempt, regardless of funding source. In addition, the following three types of projects are generally exempt, though this may require concurrence through interagency consultation:

1. Road diets: A road diet is a project where one or more vehicle travel lanes are removed to accommodate a variety of transportation modes. Road diets are done for safety purposes. If a road diet is part of a state's Highway Safety Improvement Program, the road diet is exempt under 40 CFR 93.126, Table 2 item, "Highway Safety Improvement Program implementation." If not, a road diet can still be considered exempt under the Table 2 item, "Projects that correct, improve, or eliminate a hazardous location or feature." For more information about road diets, including the "Road Diet Informational Guide," please refer to FHWA's webpage at: https://safety.fhwa.dot.gov/road_diets/.
2. Auxiliary lanes: An auxiliary lane is defined as the portion of the roadway adjoining the traveled way for speed change, turning, weaving, truck climbing, maneuvering of entering and leaving traffic, and other purposes supplementary to through traffic movement. If an auxiliary lane is less than 1 mile in length and does not extend beyond the next interchange, it can be considered exempt under the Table 2 item, "Projects that correct, improve, or eliminate a hazardous location or feature." For more information about auxiliary lanes, please refer to FHWA's webpage at: https://ops.fhwa.dot.gov/freewaymgmt/publications/frwy_mgmt_handbook/chapter5.htm#5-4.

⁷ Note: Projects exempt from regional emissions analysis may still be subject to project-level conformity analysis.

⁸ FHWA/FTA Final Rule on Environmental Impact and Related Procedures – Programmatic Agreements and Additional Categorical Exclusions, October 6, 2014 (Federal Register, Volume 79, Number 193, pages 60100-60116).

3. Ramp metering: Ramp metering projects involve installing traffic signals on highway on-ramps to control the frequency at which vehicles enter the flow of traffic, and they are also exempt under the Table 2 item, "Projects that correct, improve, or eliminate a hazardous location or feature." For more information about ramp metering projects, please refer to FHWA's webpage at:
<https://ops.fhwa.dot.gov/publications/fhwahop14020/sec1.htm>.

For additional details, visit <http://www.dot.ca.gov/ser/downloads/guidance/aq-clarifications-exempt-project-determinations.pdf>.

H. Projects Exempt from Regional Emissions Analysis

Projects listed in §93.127 and §93.128 of the Transportation Conformity Regulations are exempt from regional emissions analysis requirements and are listed in these guidelines in Table III-C: Projects Exempt from Regional Emissions Analysis on page 63. A particular action of the type listed in the table below is not exempt from regional emissions analysis if the MPO in consultation with other agencies, the EPA, and the FHWA (in case of a highway project) or the FTA (in case of a transit project) concur it has a potential regional impact for any reason. The conformity category codes are listed below:

CONFORMITY CATEGORY
EXEMPT - §93.126
EXEMPT - §93.127
EXEMPT - §93.128

Note, while traffic signal synchronization may be approved, funded, and implemented without regional emission analyses, subsequent plans and TIPs need to include these projects in the regional emissions analysis. Therefore, project sponsors must provide location information on these projects.

Table III-B: Projects Exempt from Conformity (§93.126)

<u>Mass Transit</u>	<u>Safety</u> (cont.)
Operating Assistance to transit agencies Purchase of support vehicles Rehabilitation of transit vehicles ⁹ Purchase office, shop & operating equipment for existing facilities Purchase of operating equipment for vehicles (e.g., radios, fare boxes, lifts) Construction or renovation of power, signal and communications systems Construction of small passenger shelters and information kiosks Reconstruction/renovation of transit buildings and structures (e.g., rail or bus buildings, storage & maintenance facilities, stations, terminals & ancillary structures) Rehabilitation or reconstruction of track structures, track and trackbed in existing rights-of-way Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet Construction of new bus or rail storage/maintenance facilities categorically excluded in 23 CFR Part 771	Railroad/highway crossing warning devices Guardrails, median barriers, crash cushions Pavement resurfacing and/or rehabilitation Pavement marking Emergency relief (23 USC 125) Fencing Skid treatments Safety roadside rest areas Adding medians Truck climbing lanes outside the urbanized area Lighting improvements Widening narrow pavements or reconstructing bridges (no additional travel lanes) Emergency Truck Pullovers
<u>Air Quality</u>	<u>Other</u>
Continuation of ride-sharing and van-pooling promotion activities at current levels Bicycle and pedestrian facilities	Specific activities which do not involve or lead to construction, such as: Planning and technical studies Grants for training and research programs Planning activities conducted pursuant to title 23 and 49 U.S.C. Federal-aid systems revisions Engineering to assess social, economic and environment effects of the proposed action or alternatives to that action Noise Attenuation (sound walls) Emergency or hardship advance land acquisitions (23 CFR Part 7102.503))
<u>Safety</u>	Acquisition of scenic easements Plantings, landscaping, etc. Sign removal Directional and information signs Transportation Enhancement Activities (except rehabilitation & operation of historic transportation buildings, structures, or facilities) Repair of damage caused by natural disaster, civil unrest, or terrorist acts, except projects involving substantial functional, location, or capacity changes
Railroad/highway crossing Projects that correct, improve, or eliminate a hazardous location or feature Safer non-Federal-aid system roads Shoulder Improvements Increasing sight distance Highway Safety Improvement Program implementation Traffic control devices and operating assistance other than signalization projects	

⁹ In PM_{2.5} and PM₁₀ non-attainment or maintenance areas, such projects are exempt only if they are in compliance with control measures in the applicable implementation plan.

Table III-C: Projects Exempt from Regional Emissions Analysis

§93.127
<p>Intersection channelization projects – NCRH1</p> <p>Intersection signalization projects at individual intersections – NCNH2</p> <p>Interchange reconfiguration projects (Interchange Modifications/Replacement) – NCRH3</p> <p>Changes in vertical and horizontal alignment (Curve Correction/Improve Alignment) – NCRH4</p> <p>Truck size and weight inspection stations – NCRH5</p> <p>Bus terminals and transfer points (Passenger Stations/ Facilities) – New: TRNH6; Upgrade: TRRH6</p>
§93.128
<p>Traffic Signal Synchronization (less than 3 signals) – ITS02</p>

IV. Transportation Control Measures (TCMs)

Transportation Control Measures (TCMs) are specific transportation projects and programs committed to help improve air quality, regardless of the source of funding. In other words, TCMs can be fully locally-funded. TCMs are required by the Federal Clean Air Act in ozone nonattainment areas that are classified as “serious, severe, or extreme” and under certain conditions [Section 182(c)] provide multiple benefits, including reductions of emissions and improvements to mobility and accessibility and can help support better urban form.

Southern California has among the worst air quality in the nation and must implement all reasonably available measures to support attainment of federal and state air quality standards. The unique challenges in Southern California have called for an inclusive and flexible TCM development, implementation, and monitoring process, which is included in the SIPs for the South Central Coast Air Basin (SCCAB) and the South Coast Air Basin (SCAB). Within the SCCAB and SCAB, TCM-type projects and programs that have implementation funding—right-of-way acquisition or construction funding for transit, non-motorized or HOV projects or program funding for behavioral or informational programs—within the first two years of the FTIP are committed TCMs. This ongoing rollover process has committed hundreds of projects and programs, which collectively will remove tons of air pollution each day from Southern California’s skies.

A. TCM Definitions and Categories

A TCM-type project or program is any transportation project or program that reduces vehicle use or changes traffic flow or congestion conditions for the purposes of reducing emissions from transportation sources and improving air quality.

TCM-type Projects and Programs: Only those projects meeting the specifications defined in the prevailing SIP are designated as TCM-type projects or programs. These categories define the region’s transportation strategies and control measures to reduce air pollution emissions from on-road mobile sources and provide guidance on the types of projects that can be considered in the event that a TCM substitution becomes necessary.

In the SCAG region, two ozone nonattainment areas have TCMs: the SCAB and the Ventura County portion of the SCCAB (VC/SCCAB).

For the VC/SCCAB, the current TCM-type categories are as follows:

A. Ridesharing Strategies

- A.1 Carpooling, Vanpooling, Buspooling
- A.2 Modified Work Schedules
- A.3 Park and Ride Lots

B. Non-motorized Strategies

- B.1 Telecommunications

- B.2 Bicycle and Pedestrian Facilities
- C. Traffic Flow Improvement Strategy
- D. Land Use Strategy
- E. Transit Strategies
 - E.1 Public Transit Programs
 - E.2 Transit/Land Use Planning
 - E.3 Passenger Rail

In the SCAB, TCM-type projects and programs are defined in three main categories:

- Transit and non-motorized modes;
- HOV lanes and their pricing alternatives; and
- Information-based strategies.

A specific list of projects, consistent with the TCM-type categories, is listed in each FTIP. Please see page 69 of this chapter for a detailed listing of TCM type projects.

Committed TCMs: As stated previously, a TCM-type project or program becomes a *committed* TCM once funds have been programmed by the county transportation commissions for right-of-way acquisition or for post-design implementation in the first two years of the prevailing FTIP or FTIP amendment. Projects with funds programmed for PE only are not committed TCMs. If a TCM project or program is programmed through an FTIP amendment, then the TCM project or program becomes a committed TCM that must be operational by the completion date provided in the amendment. If a transportation project includes a committed-TCM portion and a non-committed-TCM portion, only the committed-TCM portion of the project is a committed TCM.

TCM Timely Implementation Reporting: Once a TCM is committed for implementation in the first two years of the FTIP, the committed TCM must be operational or implemented by the completion date committed to in the prevailing FTIP or FTIP amendment. The completion date for committed TCMs will be used to track timely implementation for the Timely Implementation Report, submitted as part of each RTP/SCS and FTIP Transportation Conformity Determination. The primary analysis for Timely Implementation Reporting will be done as part of the two-year FTIP cycle and the four-year RTP/SCS cycle, although completion status of committed TCM projects must be continuously monitored to ensure that committed TCMs are on schedule.

- Completed and operational TCM projects will be included in the TCM Timely Implementation Report in the Conformity Determination directly subsequent to project completion, and then completed projects will be removed from the list. SCAG will maintain completed TCM projects in the FTIP database.
- TCM projects require priority in funding, as well as demonstration of timely implementation, in accordance with the schedule provided in the FTIP. This means that in the event of a funding shortfall, TCM projects must be funded and implemented before non-TCM projects. In addition, all projects properly designated as TCMs in the first two years must be tracked for timely implementation, and, in the event that a project is significantly delayed or cancelled, substitute projects that provide equivalent air quality improvement benefits must be initiated in a timely manner.

- Once a TCM project is committed for implementation in an FTIP, the implementation status must be reported on in subsequent FTIPs until the project has been completed. All committed TCMs must be implemented on schedule or substituted to avoid a conformity lapse. If implementation obstacles arise, the obstacles must be overcome or a substitution must be made. Any development affecting implementation of a committed TCM will be reported to SCAG by the county transportation commissions on an on-going basis. In the event that a committed TCM project encounters an obstacle to implementation, the implementing agency, SCAG, and the Transportation Conformity Working Group (TCWG) will work together to overcome the delay or to substitute the project if the obstacle cannot be overcome in a timely manner. Note that the implementation status of a committed TCM project in the 2025 FTIP with all funds programmed in the prior years of the 2027 FTIP must be reported in the 2027 FTIP TCM Timely Implementation Report even though the project may not be included in the 2027 FTIP.
- Any committed TCM project needing to be split due to phasing or separate contracts needs to be evaluated and approved by SCAG conformity staff prior to submitting the split projects to the FTIP or FTIP amendment. Careful considerations are needed when evaluating a request to split a committed TCM project, including consideration of the completion date and project scope for the TCM component and its subsequent split projects. For example, the completion dates for the split committed TCM projects are required to remain the same as the completion date for the original committed TCM project unless a schedule delay is approved by SCAG conformity staff.
- It is likely going to be a challenge to delay project completion year during the 2027 FTIP, especially in the South Coast Air Basin where almost every year is a required modeling year.

B. TCM Rollover Process

TCMs Rollover Process: Approximately every two years, as the FTIP is updated, additional TCMs will be added to the South Coast and Ventura County AQMPs/SIPs based on the new FTIP and the FTIP Guidelines. The “rollover” of TCMs will update the AQMPs/SIPs to include new projects in addition to ongoing projects from previous FTIPs. The TCMs “rolled over” will be monitored for adherence to the schedule established in the FTIP at the time a project is identified as a committed TCM. The identification of TCMs from the FTIP shall be agreed upon by both SCAG and the appropriate county transportation commission.

The rollover of the TCMs must be adopted by SCAG’s Regional Council, in accordance with the FTIP adoption process, as described below.

- The Draft FTIP is reviewed by various SCAG Committees, Task Forces, and Working Groups, such as the standing Transportation Conformity Working Group (TCWG);
- The TCWG, which serves as the primary forum for interagency consultation for all matters related to transportation conformity, reviews the proposed TCMs and FTIP;
- Public notification is provided through newspapers in the affected sub-regions as well as on SCAG’s website;
- Draft FTIP materials are distributed, with appropriate cover letters, to approved public libraries and facilities and also made available on SCAG’s website for access by the public;
- Input received is compiled and analyzed, and responses to comments are provided by SCAG staff, and made available to the public;
- A summary of comments received during the public comment period along with SCAG’s responses, following the close of the public comment period, is incorporated into the final FTIP;

- The Final FTIP including the associated Final Transportation Conformity Determination is adopted by SCAG's Regional Council;
- SCAG's adopted FTIP is submitted to the State for funding approval and to the federal agencies (FHWA and FTA) for final transportation conformity determination.

C. Substitution of Individual TCMs

The individual county transportation commission and/or project sponsor shall notify SCAG when a TCM project cannot be delivered or will be significantly delayed. The same county transportation commission and SCAG will identify and evaluate possible replacement measures for individual substitutions, through the TCWG, which includes members from all affected jurisdictions, federal, state and local air quality agencies and transportation agencies. The proposed replacement project may be a new TCM-type project or an existing TCM-type project without any funds programmed in the first two years of the prevailing FTIP.

Substitution of individual TCMs will follow the process specified in the CAA section 176(c). Section 176(c) of the CAA allows for the substitution of individual TCMs if certain conditions are met. These include:

(i) if the substitute measures achieve equivalent or greater emissions reductions than the control measure to be replaced, as demonstrated with an emissions impact analysis that is consistent with the current methodology used for evaluating the replaced control measure in the implementation plan;

(ii) if the substitute control measures are implemented-

(I) in accordance with a schedule that is consistent with the schedule provided for control measures in the implementation plan; or

(II) if the implementation plan date for implementation of the control measure to be replaced has passed, as soon as practicable after the implementation plan date but not later than the date on which emission reductions are necessary to achieve the purpose of the implementation plan;

(iii) if the substitute and additional control measures are accompanied with evidence of adequate personnel and funding and authority under State or local law to implement, monitor, and enforce the control measures;

(iv) if the substitute and additional control measures were developed through a collaborative process that included—

(I) participation by representatives of all affected jurisdictions (including local air pollution control agencies, the State air pollution control agency, and State and local transportation agencies);

(II) consultation with the Administrator; and

(III) reasonable public notice and opportunity for comment; and

(v) if the metropolitan planning organization, State air pollution control agency, and the Administrator concur with the equivalency of the substitute or additional control measures.

In addition to these conditions, the substitute project shall be in the same air basin, preferably located in the same geographic area, and preferably serve the same demographic subpopulation as the TCM being replaced.

The EPA's Guidance for Implementing the Clean Air Act Section 176(c)(8) Transportation Control Measure Substitution and Addition Provision requires that the emissions analysis demonstrates not only that the

substitute TCM provides equivalent or greater emissions reductions for the same pollutants and precursors that original TCM provided in the applicable SIP, but also that the substitution will not result in increased emissions of the other pollutants and precursors for which the area is designated nonattainment or maintenance. The emissions analysis for the other pollutants and/or precursors is necessary to demonstrate that the substitution will not interfere with any applicable requirement concerning attainment, reasonable further progress, maintenance or any other applicable Clean Air Act requirement that applies to the other pollutants for which the area is designated nonattainment or maintenance.

A substitution does not require a new transportation conformity determination or a formal SIP revision. Adoption of the new TCM in coordination with ARB and EPA concurrence will rescind the original TCM and the new measure will become effective.

SCAG will maintain documentation of all approved TCM substitutions. The documentation will provide the emissions analysis as well as a description of the substitution process, including a list of the committee or working group members, public comment process, and evidence of SCAG adoption. Compliance with the provisions listed above will ensure adequate emissions reductions are achieved in a TCM substitution.

For the purpose of TCM substitution, certain types of TCM projects including bicycle, pedestrian, bus/shuttle/paratransit vehicle purchase, and traffic signal synchronization/control system computerization projects will be grouped into their respective TCM categories by county within each FTIP cycle. The grouping will allow individual projects within each category to be replaced without formal substitution as long as the magnitude (e.g., number of buses or miles of bike lanes) of the category is equivalent or greater than that at the beginning of the FTIP cycle and the replacement project(s) will be completed in the same FTIP cycle. For details, see Table IV-A on the next page.

For the purpose of TCM timely implementation reporting, the following de minimis non-reportable TCMs will not be reported and no replacement is required:

- Bus/shuttle/paratransit fleet expansion projects with fewer than 5 vehicles;
- Bus stop improvement projects;
- Bicycle facility less than 1 mile and pedestrian facility less than 1 mile;
- Intelligent transportation systems/control system computerization projects with fewer than 3 traffic signals;
- Changeable message sign projects with fewer than 5 signs;
- Bike parking facilities, new or expansion, with nine or fewer bike lockers/slots;
- Expansion of bus station/shelter/transfer facilities with nine or fewer bike lockers/slots;
- Rail station expansion with addition of nine or fewer bike lockers/slots; and
- An individual project with three or fewer standalone HOV ramps is a non-reportable TCM if not bundled with other project(s) with standalone HOV ramps.

D. TCM Project Categories for the SCAB and SCCAB

Table IV-A below is a listing of program codes for different categories of TCM-type and committed TCM projects. The county transportation commissions need to accurately enter the program code associated with TCMs for each project in the TIP database.

Table IV-A: TCM Project Categories in the SCAB and the SCCAB

<u>Project Description</u>	<u>Program Codes</u>
High Occupancy Vehicle Measures	
▪ New HOV Lanes – Extensions and Additions to Existing Facilities	CAN69
▪ New HOV Lanes – With New Facility Projects	CAN69
▪ New HOV Lanes -- With Facility Improvement Projects	CAN69
▪ HOV Bypasses, Connectors, and New Interchanges with Ramp Meters	CAN69, CAN66, CAX66, CAY66, CAN71, CAX71, CAY71
▪ High Occupancy Toll (HOT) Lanes and Pricing Alternatives - New	CAXT9
▪ High Occupancy Toll (HOT) Lanes and Pricing Alternatives - Existing	CART9
Transit and System Management Measures	
<i>Transit</i>	
▪ Rail Track – New Lines	TRN92, LRN92, RAN92
▪ Rail Track – Capacity Expansion of Existing Lines	TRN92, LRN92, RAN92, TRR14, TRN14
▪ New Rolling Stock Acquisition -- Rail Cars and/or Locomotives	CON94, CON93, COR17, COR16
▪ Bus Rapid Transit and Dedicated Bus Lanes - Express Busways	BUO02
▪ Buses – Fleet Expansion (excluding fleet expansion with fewer than 5 buses)*	BUN94, BUN93
▪ Shuttles and Paratransit Vehicles – Fleet Expansion (excluding fleet expansion with fewer than 5 vehicles)*	PAN94, PAN93
<i>Intermodal Transfer Facilities</i>	
▪ Rail Stations – New	TRNH6
▪ Rail Stations – Expansion	TREH6
▪ Park & Ride Lots – New	TDN64
▪ Park & Ride Lots – Expansion	TDR64
▪ Bus Stations & Transfer Facilities – New (excluding bus stop improvement projects)	TRNH6
▪ Bus Stations & Transfer Facilities – Expansion (excluding bus stop improvement projects)	TREH6

<u>Project Description</u>	<u>Program Codes</u>
<i>Non-motorized Transportation Mode Facilities</i>	
▪ Bicycle & Pedestrian Facilities – New (non-recreational and excluding bicycle facility less than 1 mile and pedestrian facility less than 1 mile)*	NCN25
▪ Bicycle & Pedestrian Facilities – Expansion (non-recreational and excluding bicycle facility less than 1 mile and pedestrian facility less than 1 mile)*	NCR25
▪ Bicycle Facilities – New (non-recreational and excluding bicycle facility less than 1 mile)*	NCN26
▪ Bicycle Facilities – Expansion (non-recreational and excluding bicycle facility less than 1 mile)*	NCR26
▪ Pedestrian Facilities – New (non-recreational and excluding pedestrian facility less than 1 mile)*	NCN27
▪ Pedestrian Facilities – Expansion (non-recreational and excluding pedestrian facility less than 1 mile)*	NCR27
<i>Information-based Transportation Strategies</i>	
▪ Marketing for Rideshare Services and Transit/TDM/ Intermodal Services	TDM20, TDM24
▪ Intelligent Transportation Systems/Control System Computerization (excluding projects with fewer than 3 new traffic signals)* <ul style="list-style-type: none"> - Traffic Signal Synchronization (excluding projects with fewer than 3 new traffic signals) - Real Time Transit or Rail Notification System - System-wide Smart Fare Card Equipment - Traffic Management/Operations Centers - Changeable Message Signs (CMS) (excluding projects with fewer than 5 changeable message signs)* - Closed Circuit Televisions (CCTVs) - Ramp Metering Systems - System-wide Signal Preemption - Traveler/Motorist Information Systems; Highway Advisory Radios - Vehicle Detection (VDS) & Automatic Vehicle Classification (AVC) Systems 	ITS02, ITS01, ITS03, ITS04, ITS05, ITS06, ITS09, ITS10, ITS12, ITS13
▪ Telecommuting Programs/Satellite Work Centers	TDM24

- * For TCM substitution purposes, the committed TCM projects will be grouped into their respective categories by county within each FTIP cycle. The grouping will allow individual projects within each category to be replaced as long as the magnitude (e.g., number of buses or miles of bike lanes) of the category is equivalent or greater than that at the beginning of the FTIP cycle.

ADDITIONAL TCM/FTIP LISTING NOTES

- Transit expansions to add service or vehicles (5 or more) are TCMs.
- Transit vehicle expansion projects with a large number of expansion vehicles should be split into different projects and specify the number of buses being purchased by FY in two year increments consistent with a TCM Committed Program period. (Project #1 – should have the number of vehicles being purchased in FY26/27 – FY27/28 and Project #2 – should have the number of vehicles being purchased in FY28/29 – FY29/30, etc.)
- Do not treat vehicle expansion projects as other “on-going” transit projects.
- Transit projects using funds for operating expenses are not TCMs.
- Transit replacement projects, including alternative fuel replacements, are not TCMs and should be separated from transit expansion projects.
- Safety and maintenance projects are not TCMs.
- Bicycle and pedestrian expansion projects for recreational purposes are not TCMs.
- Class III bicycle lanes are not TCMs because they are not segregated.
- Bike parking facilities, new or expansion, with 10 or more bike lockers/slots are TCMs; Non-reportable if fewer than 10 bike lockers/slots.
- Expansion of bus station/shelter/transfer facilities with 10 or more bike lockers/slots are TCMs; Non-reportable if fewer than 10 bike lockers/slots.
- Rail station expansion with addition of 10 or more bike lockers/slots are TCMs; Non-reportable if fewer than 10 bike lockers/slots.
- Transit replacement and maintenance projects should be listed separately in the FTIP, not in conjunction with the purchase of new additional transit buses.
- In the SCAB, any transit project is either a TCM project or an Exempt project.
- Non-TCM projects may also be eligible for CMAQ funding such as replacement of old buses with alternative fuel buses.
- A project that converts a HOV lane from limited access to continuous access only is considered an operational transportation project under the Transportation Conformity Regulations and thus is not a TCM project.
- For an on-going committed TCM project, such as ridesharing, the extension of its project completion date to reflect funding for additional year(s) is not a delay. Therefore, the TCM project continues to demonstrate timely implementation even though its completion date has been extended.
- A committed TCM project is considered as complete if the TCM scope of the project has been completed and is open for service even though the project needs to remain in the FTIP for non-TCM scope purposes such as landscaping or fund obligation. In the FTIP database, the project status field needs to reflect the proper status code and a comment needs to be included in the TCM comment field. For additional information on the Transportation Control Measure process, please see page 97.

V. Programming, Tip Database and References

A. PROGRAMMING

1. GENERAL

Federal law requires that all projects funded under Title 23 of the U.S. Code and Federal Transit law be included in the FTIP. The FTIP should also include all 100% locally-funded projects that require modeling (such as capacity enhancing projects) and local projects that require federal approval of the environmental document (refer to the discussion below on federal approval of environmental documents). Projects that require federal action must also be included in the FTIP. The FTIP must be consistent with federal regulations which stipulate that fiscal constraint shall be demonstrated and maintained by year for the first four years of the FTIP. Advance Construction projects must meet the same requirements and be processed in the same manner as regular Federal-aid projects.

2. PROGRAMMING THE ENVIRONMENTAL DOCUMENTATION IN THE FTIP

As mentioned on page 5 of these guidelines, including the environmental documentation in the FTIP is critical in the development of the regional emissions analysis. Items required when entering the environmental information in the eFTIP Database are the environmental document type and the date of approval or anticipated approval date. A complete list of document types (codes) is available on page 74 of these guidelines.

To enter the environmental information in the FTIP, select the appropriate environmental documentation and enter the approval date in the box provided in the eFTIP Database. If the environmental document has not been approved, the anticipated approval date should be entered. For example, if a project sponsor is initiating the environmental approval process through NEPA and programming the project concurrently, the project sponsor should provide a reasonable date of the expected federal approval date. If federal approval is delayed from the date provided in the eFTIP Database, the project sponsor should update the approval date in the FTIP. Updates to the environmental fields do not require State or Federal approval and are allowed in Administrative Modifications to the FTIP. If there is a change to the project's scope requiring reevaluation of an environmental document, the county transportation commissions will need to input the updated environmental date in the eFTIP Database. Note that a change in scope for a nonexempt project may have to undergo the modeling process to be included in a federally approved RTP/SCS.

Projects that are exempt from environmental review fall under Categorical Exclusions (CE) for NEPA and Categorical Exemptions (CE) for CEQA. FHWA and FTA have designated their own list of approved categories for CE's. They are listed in 23 CFR Part 771.117 (FHWA) and 771.118 (FTA). For programming purposes, there is one exception to the requirement of entering the environmental document date: transit CE projects do not require a date if projects are not CMAQ funded, a TCM or non-exempt project, a new transit facility, or a New Starts rail line.

There are various ways of obtaining the requested environmental information. The following are sources that can provide information on environmental documentation for specific projects.

STIP-funded Projects: For STIP projects, the Project Study Report which is required at the time of programming provides information on the anticipated environmental document and dates. Some Caltrans districts provide this information for Caltrans projects directly to county commissions and some commissions track project milestone dates in-house on an on-going basis, especially for locally-administered STIP projects. Another source for information is the project sponsor's project manager.

Local Projects (excluding federally funded transit projects): Locally sponsored project information is best obtained through the project sponsor's project manager.

Transit Projects: Transit project information can be obtained through either the project sponsor's project manager or the agency which files the transit grant application for the funds (if not the same agency).

For all projects, **the environmental date must be equal to or earlier than the programmed years for ROW and Construction phase activities.** For federally-funded projects, work on final design, ROW and Construction phases cannot begin until the environmental process has been completed.

3. ENVIRONMENTAL CODES

Environmental Codes identify the proposed environmental document or the actual environmental document type obtained for the project. Environmental codes are listed below.

ENVIRONMENTAL CODE	DESCRIPTION	
CE	CATEGORICAL EXCLUSION -- NEPA	NEPA (FEDERAL)
EA/FONSI	ENVIRONMENTAL ASSESSMENT/FINDING OF NO SIGNIFICANT IMPACT -- NEPA	
EA/NOI	ENVIRONMENTAL ASSESSMENT/NOTICE OF INTENT TO PREPARE EIS - - NEPA	
FEIS/ROD	FINAL ENVIRONMENTAL IMPACT STATEMENT/RECORD OF DECISION - - NEPA	
CE	CATEGORICAL EXEMPTIONS -- CEQA	CEQA (STATE)
IS/ND	INITIAL STUDY/NEGATIVE DECLARATION -- CEQA	
IS/NOP	INITIAL STUDY/NOTICE OF PREPARATION OF EIR -- CEQA	
FEIR/NOD	FINAL ENVIRONMENTAL IMPACT REPORT/NOTICE OF DETERMINATION -- CEQA	
FONSI/FEIR	FINDING OF NO SIGNIFICANT IMPACT/FINAL ENVIRONMENTAL IMPACT REPORT – JOINT NEPA/CEQA	JOINT NEPA/CEQA
EA/IS	ENVIRONMENTAL ASSESSMENT/INITIAL STUDY – JOINT NEPA/CEQA	
DEIS/DEIR	DRAFT ENVIRONMENTAL IMPACT STATEMENT/DRAFT ENVIRONMENTAL IMPACT REPORT – JOINT NEPA/CEQA	
FEIS/FEIR	FINAL ENVIRONMENTAL IMPACT STATEMENT/FINAL ENVIRONMENTAL IMPACT REPORT – JOINT NEPA/CEQA	

4. PROGRAMMING OF PROJECTS THAT DO NOT FIT IN ANY OF THE THREE PHASES

Certain project types do not fit in any of the three available programming phases (PE, ROW, or Construction). These projects include Intelligent Transportation System (ITS) (non-planning phase), Transportation Demand Management (TDM) (Rideshare), operations (including security), administrative (non-planning), and vehicle and equipment purchases. These types of projects should be programmed in the PE phase for consistency. Grouped projects must be programmed in CON, regardless of project type.

5. CONGESTION MITIGATION AND AIR QUALITY PROGRAM

On January 18, 2017, the final rule assessing Performance of the National Highway System, Freight Movement on the Interstate System for the purpose of carrying out the Congestion Mitigation and Air Quality Program (CMAQ) was established for State department of Transportation (State DOT) and Metropolitan Planning Organizations (MPO). The CMAQ Guidance on Performance Measures is available on the web at:

<https://www.fhwa.dot.gov/tpm/videos/docs/CMAQ%20Performance%20Measures.pdf>

Additionally, as of July 2014, there is also "Revised Interim Guidance on CMAQ Operating Assistance under MAP-21" This interim guidance is also available on the web at:

https://www.fhwa.dot.gov/environment/air_quality/cmaq/policy_and_guidance/cmaq13ig.cfm

The primary purpose of the CMAQ program is to fund projects and programs in air quality non-attainment and maintenance areas (ozone and carbon monoxide) that reduce transportation-related emissions. CMAQ funds, however, are not intended to be the only source of funds to reduce congestion and improve air quality. In the SCAG region, transportation projects and programs located in the South Coast Air Basin (SCAB), the Ventura County portion of the South Central Coast Air Basin (SCCAB), the Los Angeles and San Bernardino county portions of the Mojave Desert Air Basin (MDAB), and the Salton Sea Air Basin (SSAB) meet the CMAQ requirements and are eligible for CMAQ funds.

County transportation commissions should ensure that projects submitted by project sponsors meet CMAQ eligibility guidelines. This includes project specific line items. Caltrans checks CMAQ projects for eligibility before obligating CMAQ funds. County transportation commissions need to submit project emission benefits analyses for new CMAQ funded projects.

Transportation projects and programs in PM₁₀ (particulate matter less than 10 microns in size) non-attainment areas must meet certain requirements to use the CMAQ funds (see the program guidance for PM₁₀ project-specific CMAQ funding requirements). FHWA requires the emissions benefits calculation be included with each request for obligation of funds. FHWA will not approve the E-76 for CMAQ-funded projects without the emissions benefits calculation.

Federal regulations state that "for any State that has a nonattainment or maintenance area for fine particulate matter, an amount equal to 25 percent of the funds apportioned to each State under section 104 (b)(4) for a nonattainment or maintenance area that are based all or in part on the weighted population of such area in fine particulate matter nonattainment shall be obligated to projects that reduce such fine particulate matter emissions in such area, including diesel retrofits." Please see the website below for additional information:

<http://www.gpo.gov/fdsys/pkg/USCODE-2013-title23/html/USCODE-2013-title23-chap1-sec149.htm>

6. IDENTIFYING ITS PROJECTS AND COMPONENTS

ITS projects and ITS components of larger projects should be identified when adding or amending projects to the FTIP. The county transportation commissions must identify ITS projects by selecting an ITS Program Code for the project (either a Primary Program Code or a Secondary) and by providing a description of the ITS component in the General Comment field in the Comment screen of the SCAG eFTIP Database.

Please include the estimated cost of the ITS component(s) in the General Comment Field for projects that include ITS components, or if the total amount does not include the cost of the ITS component. No other reporting of ITS projects or components is required to SCAG beyond providing the information noted above in the SCAG eFTIP Database. However, additional information will be required by Caltrans, as described in the Local Assistance Program Guidelines (LAPG).

7. LOCAL ADVANCE CONSTRUCTION

Local Advance Construction or Local AC is a tool that allows agencies to program local dollars in anticipation of receiving future federal revenue to reimburse the agency. This allows a project to continue forward with limited federal funds. Projects funded with Local AC must comply with all federal regulations as if the project is funded with federal-aid dollars. Therefore, Local AC projects must be in the FTIP. Moreover, the federal reimbursement amount, known as the conversion, must also be programmed in the FTIP, demonstrating financial constraint.

If a county transportation commission decides to program projects utilizing Local AC, both the local funds and the conversion must be reflected in the FTIP. In the SCAG region, the conversion must be programmed in the same project as a negative value in the fund table of the same project. Typically, the conversion is programmed in a future federal fiscal year. However, there are some cases when the conversion is programmed in the same year as the Local AC funds. A Local AC fund code is available in the eFTIP Database and represents the local funds used to advance a project. Using this fund code indicates that the project is utilizing advance construction.

8. TOLL CREDITS & TRANSPORTATION DEVELOPMENT CREDITS (TRANSIT)

Section 120(j) of Title 23 permits states to use certain toll revenue expenditures as a credit toward the non-federal matching share of certain programs. Some Federal fund sources that are eligible to use toll credits as a local match for transportation projects are STBG (formerly RSTP), CMAQ, Demonstration Projects from the ISTEA, TEA-21, and SAFETEA-LU. Some Federal fund sources that are eligible to use transportation development credits (TDC) as a local match for transit projects are FTA sections 5307, 5309, 5310, 5337, and 5339.

NOTE ON TOLL CREDITS AND TRANSPORTATION DEVELOPMENT CREDITS:

Caltrans' policy related to the use of Toll Credits (TC) and Transportation Development Credits (TDC) is currently under development and will not be finalized in time for inclusion in this version of the Guidelines. Once the policy is approved, it will be reflected in future updates to the Guidelines. Due to the limited availability of TCs and TDCs, county transportation commissions are encouraged to use local funds to meet match requirements.

Toll Credits (TC)

Toll credits do not provide additional revenues but rather allow for the use of federal funds at a reimbursement rate of up to 100% without a required non-federal match. Toll credits are managed by Caltrans at the state level.

Toll credits are to be entered into the eFTIP Database for tracking and reporting purposes. If a highway project is utilizing toll credits, the county transportation commissions must indicate that “toll credits” will be used as a match. **It is important to list the usage of TC in the project description and to specify the federal fund source that is being matched.** In the project description field of the eFTIP Database, include a special remark to indicate the use of toll credits for a project, e.g., “(Project will use TC for STBG)”.

For additional information on the use of Toll Credits, please see Caltrans’ policy on the Use of Toll Credits in Lieu of Non-Federal Share Match for Local Assistance Federal-aid Highway Projects in the Local Assistance Procedures Manual update (section 3.10), effective October 2016:

<https://dot.ca.gov/-/media/dot-media/programs/local-assistance/documents/lapm/ch03.pdf>

Transportation Development Credits (TDC)

Transportation Development Credits (formerly referred to as Toll Revenue Credits) provide a credit toward a project’s local share for certain expenditures with toll revenues. The amount of credit toward local share to be earned by a State is based on revenues generated by toll authorities within the State. Under the provisions of 23 U.S.C. 120(j), FHWA oversees the determination of transportation development credit within each State. For the Federal Transit Administration (FTA), the effect of utilizing transportation development credits means that FTA, in essence, provides up to 100 percent of the total net project cost. For example, if the actual cost of the asset is \$500,000, FTA’s share at 80 percent equals \$400,000. The remaining \$100,000 match is transportation development credits, so additional Federal funds are needed to equal \$500,000 or 100 percent of the net project cost. FTA calculates a project using transportation development credits as shown in the example, from the Federal Register, below:

Actual cost of the asset	<u>\$500,000</u>
Federal Share (80%)	\$400,000
Local Share (20%)	\$100,000 (from toll development credits)
	=====
Total Federal Share (using TDC)	\$500,000

Transportation Development Credits are to be entered into the eFTIP Database for tracking and reporting purposes. If transit funds are using transportation development credits as a match, the county transportation commissions must indicate that “transportation development credits or TDC” will be used as a match. It is important to **list the usage of TDC in the project description and to specify the amount of the TDC, the fiscal year, and the phase in which it will be used.** In the project description field of the eFTIP Database, include a special remark to indicate the use of transportation development credits for a project, e.g., “(Project will use TDC of \$2,000 for CON in FY20/21 for 5307 funds)”. County transportation commissions should also input the TDC amount in the eFTIP Database funding table.

For additional information on Transportation Development Credits, please see [FTA Circular C 9030.1E](#), Published 01-16-2014.

For additional information on Toll Credits, please see the following [FHWA Federal-Aid Matching Strategies webpage](#).

9. GROUPED PROJECT LISTING PROCEDURES

Grouped Project Items are essentially fund reservations that include a list of projects that are grouped by function, work type, and/or geographic area (23 CFR Part 450.326(h)). Usually, grouped projects are for:

- Road rehabilitation.
- Safety.
- Minor improvements.

Grouped projects must not:

- Add capacity.
- Require air quality conformity determination.
- Be deemed transportation control measures (TCMs).

Caltrans has recommended a number of project categories that are eligible for Grouped Project Listings which is located on page 83 of these guidelines.

County transportation commissions may find grouping projects to offer some advantages and flexibility when amending projects in the FTIP. County transportation commissions are required to submit a detailed list of the individual projects that constitute the grouped project that is programmed in the FTIP via the eFTIP Database. The grouped project detailed backup list is the supporting documentation for the grouped project and is submitted to Caltrans and FHWA/FTA for approval. The grouped project detailed backup list must contain a clear description of each project and fiscal year(s) the project is funded. FHWA and FTA also require that project lists be readily available that account for all funds listed in the Grouped Project. The submittal of Grouped Project Detailed Backup Lists is mandatory and must be included with the FY 2027 county TIP and subsequent amendments. SCAG will not accept grouped projects that do not have a supporting Grouped Project Detailed Backup list.

For non-Federal Transit Administration (FTA) funded projects, the detailed project lists may be revised without the need for amendments or administrative modifications if the revisions do not result in changes to the total grouped project costs. However, county transportation commissions must update the detailed project lists to reflect the revision and furnish the updated grouped project detailed backup lists to SCAG FTIP staff.

For FTA-funded grouped projects, see page 81.

In an administrative modification, county transportation commissions can add new projects to the grouped project listing and can make changes to grouped projects that result in increased or decreased project costs. County transportation commissions can update the sub-projects via the eFTIP Database and upload or submit updated backup listings to SCAG FTIP staff.

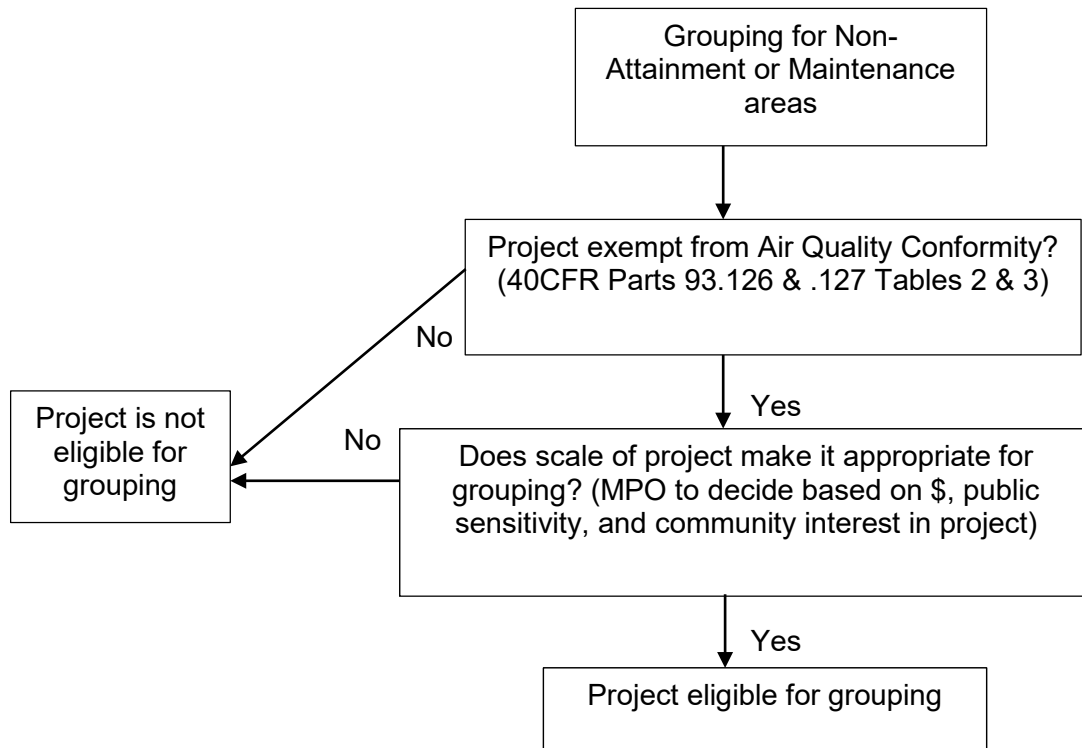
County transportation commissions are required to submit to SCAG the status of projects included in Grouped Project Listings that have been obligated on an annual basis through the FTIP amendment process. If there is no change to a Grouped Project Listing from one year to the next, the county transportation commissions are required to report that no change has occurred to the Grouped Project Listing. In addition, project lists should not contain prior year funding. The county transportation commissions should remove completed projects from the listing especially if the projects are in prior years. The Grouped Project Detailed Backup list should be uploaded to the eFTIP Database.

In the event Caltrans does not agree with a project sponsor that a project submitted is exempt from a conformity determination, Caltrans will convene a meeting with SCAG and other federal agencies (FHWA and/or FTA, EPA) to resolve the issue.

The guidelines below are for programming grouped project listings and must be consistent with the "Exempt Project" classification contained in the Environmental Protection Agency's (EPA) Transportation Conformity Regulation (40 CFR Part 93). It is the county transportation commission's responsibility to determine the eligibility of projects to be included in grouped project listings. If verification/confirmation is needed, the county transportation commission shall consult with SCAG to confirm their findings.

Programming Guidelines

1. Use the flow chart below to determine if a project is eligible for grouping. Projects ineligible for grouping must be programmed individually in the FTIP.



2. The description of the grouped project listings shall include appropriate 'Exempt Project' classification per 40 CFR, Parts 93.126 and 93.127. See page 83 for the start of the "Pre-approved List of Grouped Project Listings". If the proposed grouped project listing is different from the ones listed, the County Transportation Commission shall contact SCAG staff prior to programming the new grouped project listing in its FTIP.

3. Projects may be further grouped by grantee/agency or by geographic area provided the grouped listing is consistent with the project listings per Attachment A. Note that projects can not be grouped by a particular fund type or funding program in the FTIP.

4. Detailed project listing (backup listing) for a grouped project that is programmed or amended in an FTIP must be included in the transmittal package to SCAG and entered in the grouped project module in the eFTIP Database, if applicable. The detailed listings shall contain individual project information with sufficient description to accurately identify scope, implementing agency, location, limits of the project (if any), program year and the total cost. Total cost of the projects (including funding for all project phases) from the detailed project listing shall be programmed under the "Construction" phase in the FTIP.

5. Projects with multiple FTA UZAs and with multiple FTA fund types can be grouped as long as the detailed project list is readily available to FTA and the public as described in item 4.

6. Projects that are classified as “Categorical Exclusion (CE)” per 23 CFR Part 771.117 (c) and (d) can be grouped together by CE classifications.

Highway Bridge Program (HBP)

For HBP-funded projects, SCAG maintains a county-by-county HBP Grouped Project line item. Caltrans HQ provides each MPO region with a programming amount and project listing at various intervals, which is the basis for the Grouped Project Listing. Information provided by Caltrans shall be shared with the counties. Amendments to HBP-funded projects should be made by the county transportation commissions. Counties are required to submit a Grouped Project List for HBP projects.

Local Highway Bridge Program funding must include proper documentation to show that capacity increasing bridge projects are included in the approved RTP/SCS.

Various County Grouped Project Listings

SCAG maintains the Grouped Project Listings for the Various Counties section, which includes Highway Safety Improvement Program (HSIP), Safe Routes to School (SRTS), and Active Transportation Program (ATP). Other grouped projects listings may be added as deemed necessary by SCAG, the state, or the federal funding agencies.

A complete list of the 2025 FTIP Grouped Project Listings for Various Counties can be found on SCAG’s website at:

https://scag.ca.gov/sites/default/files/2025-04/adoptedfinal2025ftip_various_gpl.pdf

SCAG staff will update projects with these fund sources at the request of Caltrans or the county transportation commissions. Caltrans and/or the county transportation commissions will need to submit backup documentation and draft the narrative describing the change to the project(s). SCAG staff will input the change in the eFTIP Database, finalize the project narrative, update the Financial Plan, and revise the Grouped Project Listing report.

Transit Projects eligible for Grouped Project Listings

Transit Grouped Project lists are now required for eligible projects under Air Quality Exempt Tables 2 & 3 (40 CFR Part 93). These include minor operational/capital system improvements. Projects that are not eligible for Grouped Project Listings are bus terminals and transfer points, CMAQ-funded projects, and TCM type projects.

In order to include a transit project as a Grouped Listing, the project description must indicate the entire scope of the grouped list. For example, if project one is to construct a kiosk, project two is for shelters, and project three is for shelters and a kiosk, then the description should read Grouped Projects for Kiosks and Shelters.

A transit Grouped Project will be grouped by grantee, geographic area, and type of project. The project description must include the number of buses to be purchased by the grantee with these buses categorized as an anticipated CE. Improperly grouped transit projects could delay the obligation of funds or result in loss of funding. Transit operators or county transportation commissions that identify improperly grouped transit projects should contact their respective SCAG staff immediately in order to correct the FTIP listing.

SCAG will continue to accept Transit Group Projects via Administrative Modifications as long as the Transit Agency demonstrates or provides documentation that they have noticed the additional sub-projects being added to the group listing in order to meet the Public Participation Process (POP). If the Transit Agency is unable to demonstrate that they have noticed the projects, the agency will be required to submit the project individually in the FTIP via a formal amendment and be posted for the required 10-day public review. This will demonstrate that project is relying on the public participation process for the FTIP to satisfy FTA public participation requirements for the transit program of projects. The public notice of public involvement activities and the time established for public review of and comments on the FTIP will satisfy the pop requirements of the section 5307 program.

TABLE V-A Grouped Project Categories

Sl. No.	Grouped Projects Listing Name	Project Description
1	Grouped Projects for Bridge Rehabilitation and Reconstruction - SHOPP Program	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Widening narrow pavements or reconstructing bridges (no additional travel lanes).
2	Grouped Projects for Safety Improvements - SHOPP Collision Reduction Program	Scope: 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
3	Grouped Projects for Safety Improvements - SHOPP Mandates Program	Scope: 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
4	Grouped Projects for Emergency Repair - SHOPP Emergency Response Program	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Repair damage caused by natural disasters, civil unrest, or terrorist acts. This applies to damages that do not qualify for Federal Emergency Relief funds or to damages that qualify for federal Emergency Relief funds but extend beyond the Federally declared disaster period
5	Grouped Projects for Safety Improvements - SHOPP Mobility Program	Scope: 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

Sl. No.	Grouped Projects Listing Name	Project Description
6	Grouped Projects for Shoulder Improvements - SHOPP Roadside Preservation Program	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Fencing, Safety roadside rest areas
7	Grouped Projects for Pavement resurfacing and/or rehabilitation - SHOPP Roadway Preservation Program	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Pavement resurfacing and/or rehabilitation, Emergency relief (23 U.S.C. 125), Widening narrow pavements or reconstructing bridges (no additional travel lanes)
8	Grouped Projects for Bridge Rehabilitation and Reconstruction - HBP Program	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Widening narrow pavements or reconstructing bridges (no additional travel lanes).
9	Grouped Projects for Safety Improvements	Scope: 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
a	Grouped Projects for Safety Improvements - Safe Routes to School Program (SRTS)	Scope: 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
b	Grouped Projects for Safety Improvements - Safe Routes to School Program (SR2S State Program)	Scope: 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

Sl. No.	Grouped Projects Listing Name	Project Description
10	Grouped Projects for Safety Improvements - HSIP Program	Scope: 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
11	Grouped Projects for Railroad/highway crossing	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Railroad/highway crossing
12	Grouped Projects for Safety Improvements on High Risk Rural Roads - HRRR program (incorporated with HSIP)	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Safer non-Federal-aid system roads
13	Grouped Projects for Hazard Elimination Program	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Hazard Elimination Program
14	Grouped Projects for Safer non-Federal-aid system roads	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Safer non-Federal-aid system roads
15	Grouped Projects for Shoulder Improvements	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Shoulder improvements
a	Grouped Projects for Shoulder Improvements on the State Highway System	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Shoulder improvements
b	Grouped Projects for Shoulder Improvements on the Local Roads System	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Shoulder improvements
c	Grouped Projects for Shoulder Improvements in xxxx County/City	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Shoulder improvements
16	Grouped Projects for Increasing Sight Distance	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Increasing Sight Distance
a	Grouped Projects for Increasing Sight Distance on the State Highway System	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Increasing Sight Distance

Sl. No.	Grouped Projects Listing Name	Project Description
b	Grouped Projects for Increasing Sight Distance on the Local Roads System	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Increasing Sight Distance
c	Grouped Projects for Increasing Sight Distance in xxx County/City	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Increasing Sight Distance
17	Grouped Projects for Pavement resurfacing and/or rehabilitation	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation
a	Grouped Projects for Pavement resurfacing and/or rehabilitation on the State Highway System	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation
b	Grouped Projects for Pavement resurfacing and/or rehabilitation on the State Highway System - Highway Maintenance	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation
c	Grouped Projects for Pavement resurfacing and/or rehabilitation on the Local Roads System	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation
d	Grouped Projects for Pavement resurfacing and/or rehabilitation in xxxx County/City	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation
e	Grouped Projects for Pavement resurfacing and/or rehabilitation - ARRA or XXXX funded	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation
f	Grouped Projects for Pavement resurfacing and/or rehabilitation - AC overlays	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation
18	Grouped Projects for Pavement marking demonstration	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement marking demonstration.
19	Grouped Projects for Emergency truck pullovers	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Emergency truck pullovers.

Sl. No.	Grouped Projects Listing Name	Project Description
20	Grouped Projects for Widening narrow pavements or reconstructing bridges (no additional travel lanes)	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Non Capacity widening narrow pavements or reconstructing bridges (no additional travel lanes).
a	Grouped Projects for Non-Capacity widening (no additional travel lanes)	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories – Non-Capacity widening narrow pavements or reconstructing bridges (no additional travel lanes).
21	Grouped Projects for Truck climbing lanes	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Truck climbing lanes outside the urbanized area
22	Grouped Projects for Skid treatments	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Skid treatments
23	Grouped Projects for Safety roadside rest areas	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Safety roadside rest areas
24	Grouped Projects for Railroad/highway crossing warning devices	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Railroad/highway crossing warning devices
25	Grouped Projects for Traffic control devices and operating assistance other than signalization	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Traffic control devices and operating assistance other than signalization project
a	Grouped Projects for Traffic control devices and operating assistance	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Traffic control devices and operating assistance other than signalization project
b	Grouped Projects for Traffic control devices	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Traffic control devices and operating assistance other than signalization project
26	Grouped Projects for Increasing Sight Distance	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Increasing Sight Distance
27	Grouped Projects for Fencing	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories – Fencing

Sl. No.	Grouped Projects Listing Name	Project Description
28	Grouped Projects for Lighting improvements	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Lighting improvements
29	Grouped Projects for Ridesharing and van-pooling	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Continuation of ridesharing and vanpooling promotion activities at current levels
30	Grouped Projects for Bicycle and pedestrian facilities	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and non-motorized)
a	Grouped Projects for Bicycle facilities	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and non-motorized)
b	Grouped Projects for Pedestrian facilities	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and non-motorized)
c	Grouped Projects for Bicycle and pedestrian facilities funded with xxxx	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and non-motorized)
d	Grouped Projects for Bicycle and pedestrian facilities in xxxx County/City	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and non-motorized)
e	Grouped Projects for Bicycle and pedestrian facilities - Motorized	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and non-motorized)
f	Grouped Projects for Bicycle and pedestrian facilities - Non- Motorized	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and non-motorized)
31	Grouped Projects for Noise attenuation	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Noise attenuation.
33	Grouped Projects for Safety Improvements - Projects that correct, improve, or eliminate a hazardous location or feature.	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Projects that correct, improve, or eliminate a hazardous location or feature.

Sl. No.	Grouped Projects Listing Name	Project Description
34	Grouped Projects for Safety Improvements - Safer non-Federal-aid system roads	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Safer non-Federal-aid system roads
35	Grouped Projects for Safety Improvements - Safer roads - Inclusive of federal aid and non-federal aid roads	Scope: 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
37	Grouped Projects for Directional and informational signs	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Directional and informational signs.
a	Grouped Projects for Directional and informational signs funded with xxxx	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Directional and informational signs.
b	Grouped Projects for Directional and informational signs in xxxx County/City	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Directional and informational signs.
c	Grouped Projects for Directional and informational signs on the federal aid system	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Directional and informational signs.
d	Grouped Projects for Directional and informational signs on the non-federal aid system	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Directional and informational signs.
38	Grouped Projects for Sign removal	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Sign removal
39	Grouped Projects for Plantings, landscaping, etc.	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Plantings, landscaping, etc.
40	Grouped Projects for Acquisition of scenic easements	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Acquisition of scenic easements

Sl. No.	Grouped Projects Listing Name	Project Description
41	Grouped Projects for Emergency or hardship advance land acquisitions	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Emergency or hardship advance land acquisitions (23 CFR 710.503).
42	Grouped Projects for Engineering	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action; non-capacity increasing
43	Grouped Projects for Planning activities	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Planning activities conducted pursuant to titles 23 and 49 U.S.C.
44	Grouped Projects for Grants for training and research programs	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Grants for training and research programs
45	Grouped Projects for Planning and technical studies	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Planning and technical studies
46	Grouped Projects for Activities that do not lead to construction	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Specific activities which do not involve or lead directly to construction, such as: Planning and technical studies, Grants for training and research programs, Planning activities conducted pursuant to titles 23 and 49 U.S.C, Federal-aid systems revisions, Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action.
47	Grouped Projects for Transportation enhancement activities	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)
48	Grouped Projects for Emergency Repair	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational or capacity changes.
49	Grouped Projects for Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way. (non-capacity increasing)

Sl. No.	Grouped Projects Listing Name	Project Description
50	Grouped Projects for Reconstruction or renovation of transit buildings and structures	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures). (non-capacity increasing)
51	Grouped Projects for Construction of small passenger shelters and information kiosks	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Construction of small passenger shelters and information kiosks
52	Grouped Projects for Construction or renovation of power, signal, and communications systems	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Construction or renovation of power, signal, and communications systems
53	Grouped Projects for Purchase of operating equipment for vehicles	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)
54	Grouped Projects for Purchase of office, shop, and operating equipment for existing facilities	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Purchase of office, shop, and operating equipment for existing facilities

Sl. No.	Grouped Projects Listing Name	Project Description
55	Grouped Projects for Rehabilitation of transit vehicles	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Rehabilitation of transit vehicles (In PM10and PM2.5 nonattainment or maintenance areas, such projects are exempt only if they are in compliance with control measures in the applicable implementation plan)
56	Grouped Projects for Purchase of support vehicles	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Purchase of support vehicles
57	Grouped Projects for Operating assistance to transit agencies	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Operating assistance to transit agencies
58	Grouped Projects for Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet. (Minor changes include changing the number of transit vehicles purchased by 25% or less, and changes to the fuel type of transit vehicles. MPO needs to take the change through an interagency consultation to confirm that the change in scope is minor)	Scope: 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
59	Grouped Projects for Safety Improvements, Shoulder Improvements, Pavement resurfacing and/or rehabilitation - Minor Program	Scope: 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, Pavement resurfacing and/or rehabilitation, Emergency relief (23 U.S.C. 125), Widening narrow pavements or reconstructing bridges (no additional travel lanes)
60	Grouped Projects for Electric Vehicle Charging Infrastructure	Scope: Projects are consistent with 40 CFR Part 93.126 Table 2 Except Projects categories: Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities).

The projects included under following grouped project listings may be exempt from regional emissions analysis. Note that the local effects of the project on CO and PM concentrations must be considered to determine if a hot-spot analysis may be required prior to making a project level conformity determination.

Sl. No.	Grouped Projects Listing Name	Project Description
61	Grouped Projects for Intersection Channelization	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Table 3 categories - Intersection Channelization Projects.
62	Grouped Projects for Intersection Signalization	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Table 3 categories - Intersection Signalization Projects
63	Grouped Projects for Interchange Reconfiguration	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Table 3 categories - Interchange Reconfiguration Projects
64	Grouped Projects for Changes in Vertical and Horizontal Alignment	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Table 3 categories - Changes in Vertical and Horizontal Alignment Projects
65	Grouped Projects for Truck Size and Weight Inspection Stations	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Table 3 categories - Truck Size and Weight Inspection Stations
66	Grouped Projects for Bus Terminals and Transfer Points	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Table 3 categories - Bus Terminals and Transfer Points
Note: All Grouped listings must be accompanied by detailed backup listings		

10. CLOSEOUT OF RIGHT-OF-WAY COSTS

In cases where the final cost of the right of way acquisition is not settled or settlement of utility relocation costs may continue after a project is complete, the federalized costs are required to be in the currently approved FTIP. These right-of-way funds need to be part of the annual right of way obligation plan or need to be approved from Caltrans HQ-RW before they can be programmed in the FTIP.

11. FEDERAL PERFORMANCE MEASURES AND TARGETS

The 2015 federal transportation authorization legislation, 'Fixing America's Surface Transportation Act' (FAST Act), following the precedent established by the previous federal program, MAP-21, included provisions requiring the establishment of performance measures (PMs) for projects included in the FTIP. The specific requirements regarding the establishment of federal PMs and targets, were defined in subsequent federal rule-making packages. For additional information, please see item J in the 'Policy and Requirements' chapter on page 8.

To support compliance with the federal PMs and targets, data for the following PMs will be collected through the 2027 FTIP data development process:

PM2 - PAVEMENT AND BRIDGE – This section is exclusively for projects which are on the National Highway System (NHS.) If a pavement or bridge improvement project includes a portion of the NHS select 'YES'. If 'YES' is selected, additional information is required.

For PAVEMENT, indicate the number of NHS (only) lane miles that will be treated for through lanes only. This includes all treatment types from fully reconstructing to microsurfaces. If this is not a stand-alone pavement project, or if only a portion of the project is on the NHS, the project sponsor is asked to estimate the percent of the total project cost that is related to pavement improvements.

For BRIDGES on the NHS include the National Bridge Inventory (NBI) bridge identification number and deck area. Include any reconstruction, improvements or repairs to the deck, superstructure or substructure. This can include a pavement project that crosses a NHS bridge. The project sponsor is asked to estimate the percent of the total project cost that is related to bridge improvements.

Additionally, the final federal rule for Transit Asset Management (TAM) performance includes specific measures regarding performance of transit system capital assets, including condition of Rolling Stock, Equipment, Facilities, and Infrastructure. For more detailed information on federal TAM performance measures, please see the last weblink provided in Table I-A on page 8 in Chapter I of these Guidelines. All federal performance measures established through MAP-21 and the FAST Act will be incorporated in the 2027 FTIP Guidelines

B. eFTIP DATABASE

1. ENTERING PROJECTS INTO THE SCAG EFTIP DATABASE

In 2019, SCAG introduced the new eFTIP web Database for county transportation commissions to update or enter new projects. The eFTIP Database will be utilized to enter the 2027 FTIP. Guidance for using SCAG's eFTIP Database is available via the eFTIP Database home page at: <https://eftip.scag.ca.gov/secure/login.asp>. Once logged in, click on "Other Tools", then select "Help / Tutorials" for data entry instructions.

The county transportation commissions will continue to receive proper training on any pertinent updates to the eFTIP Database.

An important first step in programming is to review the proposed projects for funding and program eligibility, and for consistency with the approved RTP/SCS. If a project is not consistent with the approved RTP/SCS, it will not be programmed in the FTIP.

It is essential that complete information be submitted on each project, and that the county transportation commissions carefully input information in the SCAG eFTIP Database with as much detail as possible. Each county transportation commission is responsible for proofing its entire program regardless of funding source to ensure that the eFTIP Database reflects accurate and complete data.

According to 23 CFR Part 450.326(g), "The FTIP shall include, for each project or phase (e.g., preliminary engineering, environment/NEPA, right-of-way, design, or construction), the following:

- (1) Sufficient description material (i.e., type of work, termini, and length) to identify the project or phase;
- (2) Estimated total project cost (required field), which may extend beyond the 4 years of the FTIP;
- (3) The amount of Federal funds proposed to be obligated during each program year for the project or phase (for the first year, this includes the proposed category of Federal funds and the source(s) of non-Federal funds. For the second, third and fourth years, this includes the likely category or possible categories of Federal funds and sources of non-Federal funds);
- (4) Identification of the agencies responsible for carrying out the project or phase (required field);
- (5) In non-attainment and maintenance areas, identification of those projects which are identified as TCMs in the applicable SIP (required);
- (6) In non-attainment and maintenance areas, included projects shall be specified in sufficient detail (design concept and scope) for air quality analysis in accordance with the EPA transportation conformity regulation (40 CFR Part 93, subpart A); and
- (7) In areas with American with Disabilities Act required paratransit and key station plans, identification of those projects that will implement these plans.

2. PROJECT DESCRIPTIONS

SCAG recommends that the county transportation commissions follow the format provided by Caltrans listed below when developing project descriptions. Descriptions should be as detailed as space allows (up to 514 characters). Any additional information that does not fit in the description should be included in the eFTIP Database comment fields.

Standard Project Location/Description

Select the correct Project type below to model a description. The description should be brief but sufficiently comprehensive to stand alone without additional explanation.

Roadway - Capital Improvements (State Highways/Local Roads)

Description Formula: [(Location:) + (Limits) + (;) + (Improvement)]	
Location:	<p>The nearest city or significant town illustrated on popular state highway maps. If the project is located more than 5 miles away from the city or town then prefix the city name with "East, West, North, or South of".</p> <ul style="list-style-type: none"> <i>In Bakersfield:</i> <i>South of Bakersfield:</i>
Limits:	<p>Project limits can be stated as from one road or street to another. Other boundary landmarks, such as rivers, creeks, State Parks, freeway overcrossings, can be used in-lieu of streets or roads.</p> <ul style="list-style-type: none"> <i>On Main St. between 1st Street and Pine Boulevard</i> <i>North of Avenal Creek to South of Route 33</i> <i>At Rock Creek Bridge</i>
Improvement :	<p>Describes the work to be done. Include significant components of the improvement (in particular those that relate to conformity).</p> <ul style="list-style-type: none"> <i>Rehabilitate roadway.</i> <i>Convert 4-lane expressway to 6-lane freeway with 2 HOV lanes.</i> <i>Construct left turn lane.</i>
Example: In Bakersfield: Between 1 st Street and Pine Boulevard; rehabilitate roadway.	

Transit - Capital Improvements

Description Formula: [(Location:) + (Limits) + (;) + (Improvement/Activity)]	
Location:	<p>For work at spot locations for large (statewide) transit agencies:</p> <ul style="list-style-type: none"> Nearest city or significant town illustrated on popular state highway maps. If the project is located more than 5 miles away from the city or town then prefix the city name with "East, West, North, or South of". <i>In Bakersfield:</i> <i>North of Bakersfield</i> Otherwise: Skip this step
Limits:	<p>For work at spot locations (all agencies):</p> <p>Name of station, description of facility, name the rail corridor for the project etc.</p> <ul style="list-style-type: none"> <i>Lafayette BART Station</i> <i>The Daly City Yard, adjacent to the Colma Station</i> <i>San Joaquin Corridor</i> Otherwise: Skip this step
Improvement / Activity:	<p>Describes the work to be done. Include significant components of the improvement (in particular those that relate to conformity).</p> <ul style="list-style-type: none"> <i>Construct station.</i> <i>Construct a Child Care Facility</i> <i>Track and signal improvements</i> <p>Projects that apply to entire transit agency jurisdiction – describe activity</p> <ul style="list-style-type: none"> <i>Purchase of 59 buses - 12 MCI's and 47 Standard 40 ft buses (note if expansion or replacement)</i> <i>Paratransit van leasing</i>

	<ul style="list-style-type: none"> Operating assistance for Sacramento Regional Transit
<p>Examples: North of Bakersfield, San Joaquin Corridor – Track and signal improvements. Lafayette BART Station, construct a Child Care Facility. Operating Assistance for Sacramento Regional Transit.</p>	

When entering project information for transit vehicles (buses, paratransit vans, etc.), it is important that the following three criteria are met:

- The first is a detailed description of the type of vehicle to be purchased (size/type), quantity (how many buses) and fuel type (Alternative Fuel, Diesel, etc.) of the vehicle(s).
- The second is selecting the correct Program Code for the project.
- Do not combine Expansion & Replacement vehicles under one project

3. PROJECT COMPLETION DATES (REQUIRED FIELD)

The Project Completion Date field in the SCAG eFTIP Database refers to the completion of the overall project, which is the date the project is expected to be implemented and operating. In cases where only ENG and/or ROW are programmed in the FTIP, the completion date should reflect the anticipated overall completion date for the project such as the end of construction. For vehicle purchase, the completion date should be the date all vehicles are delivered.

To allow minor programming of funds for remnant work after a project is open for use or service has begun, the “Open to Traffic” field may be used for modeled projects. When this field is populated, the project completion date can be revised to reflect the end of the remnant work or close of contract. Whenever these two fields vary, the open to traffic date will represent the true modeling date and the project completion date will become an administrative date for the closing out of the construction phase. For the purposes of consistency with TCM timely implementation or RTP/SCS modeled projects, the open to traffic date is considered the true completion date.

SCAG eFTIP Database has separate start and end date fields for each of the three phases (PE, ROW & Construction) and these fields should be populated for all construction projects. See snapshot of fields below.

Schedule Information

HAS IMPLEMENTATION STATUS CHANGED?	PROJECT COMPLETION DATE	CURRENT IMPLEMENTATION STATUS	LAST UPDATED	OPEN TO TRAFFIC
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	SCHEDULED START		ACTUAL START		SCHEDULED COMPLETION		ACTUAL COMPLETION	
	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR	MONTH	YEAR
PA&ED	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
PS&E	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ROW	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
CON	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Do you have an E-76 (or an approved grant) for the design/engineering phase of the project?

Do you have an E-76 (or an approved grant) for the right-of-way phase of the project?

Do you have an E-76 (or an approved grant) for the construction phase of the project?

4. TRANSPORTATION CONTROL MEASURES (TCM) PROCESS

TCM-type projects become *committed* TCMs when ROW or Construction funds are programmed in the first two years of the FTIP (see page 64). The eFTIP locks the completion date and description fields for TCM Committed projects. The project must be operational by the completion date in order to fulfill the

TCM conformity requirement of Timely Implementation of TCMs. Below are the steps by which a TCM Committed project can be updated in an amendment:

- a. As soon as county transportation commission staff knows that a TCM Committed project will need to be amended, they should contact FTIP staff regarding the proposed change.
- b. The county transportation commissions will need to send a justification for delaying the TCM Committed project to both the SCAG Conformity staff and to FTIP staff.
- c. If the change is approved, the project will be unlocked by the FTIP staff by changing the Conformity Category to "TCM". After updating the project, county transportation commission staff should change the Conformity Category back to TCM Committed prior to submitting the project.
- d. Documentation of the approval from Conformity staff should be noted in the TCM Comments and/or uploaded to the Documents tab.

5. FILE ATTACHMENT

In order for county transportation commissions to submit all backup documentation related to projects in the FTIP, SCAG's eFTIP Database has a Documents feature. This feature allows county transportation commissions to attach any backup documentation for any project submitted during the FTIP development or amendment process. Attachments may include grouped project listings, diagrams, maps, grant award letters, etc.

6. TOTAL PROJECT COST

The Total Project Cost is the full amount of a project (Engineering, ROW and Construction) irrespective of which phase is programmed in the FTIP. Enter the full amount required to complete all phases of a project in the Total Project Cost field of the eFTIP Database. In cases where only Engineering and/or ROW phase is programmed, the Total Project Cost and the Programmed Total will not match with one another. However, if all three phases of a project are programmed and funded, both the Total Project Cost and Programmed Total will match.

Total project cost should be adjusted when projects are split into phased segments. Split projects need to be updated to account for a distribution of funding from the original project to the newly programmed segment projects. This is done to avoid double-counting project costs and funding so that the financial plan is accurate.

7. LOCAL MATCH

The appropriate local match for federal funds must be programmed in the same fiscal year and phase of a project. For example, if federal funds are programmed in FY 26/27 for ROW, the local match must also be programmed in FY 26/27 for ROW.

8. PROGRAMMING CONSTRUCTION FUNDS IN MULTIPLE YEARS

Construction funds cannot be programmed in two consecutive years unless construction activities are under a separate contract. Construction activities that are under separate contract must be documented in the Project Notes of the eFTIP Database.

9. PARENT PROJECT FIELD

The Parent Project Field is available for projects that will be split into two or more separate projects. Enter the original project, also known as the "parent" project, in this field. This will indicate to staff which project the new, split project originated from.

10. CONGESTION MANAGEMENT PROCESS (CMP) MITIGATION MEASURES

The CMP Mitigation Measures check boxes are available in the eFTIP Database input screen. The county transportation commissions will be prompted to check the corresponding CMP Measure if a project has federal and certain state funds and the length of the project exceeds 1 mile. For more details on the CMP measures, and program codes, please refer to page 19.

11. ACTIVE TRANSPORTATION PROGRAM (ATP)

Active Transportation component check boxes have been added into the eFTIP Database for the county transportation commissions to provide information on large scale transportation projects that include active transportation components. SCAG Active Transportation staff would like to obtain the information for reporting purposes. For more details on ATP funding, please refer page 21, or for details on program codes and ATP components, see below.

The following are Program Codes that may include ATP Components:

Larger Projects that include active transportation

CART1, CAXT1, CAYT1, CART2, CAXT2, CAYT2, CART3, CAXT3, CAYT3, CANT4, CAXT4, CAYT4, CANT5, CAXT5, CAYT5, CANT6, CAXT6, CAYT6, CAXT7, CAYT7, CANT8, CAXT8, CAYT8, CART0, CAXT0, CAYT0, NCRT1, NCRT3, NCRT0, NCRT2

Active Transportation Project as part of Larger Project
(Check all that apply)

Class 1 Bike Path/ Cycletrack		Sidewalks (new)	
Class 2 Bike Lane		Sidewalks (rehab/repair/widen)	
Class 3 Bike Route/Signage		Bulbouts/ median refuge	
Bike Blvd/Bike Friendly St.		Midblock crossing signals	
Bicycle Parking (lockers/ racks)			
Bicycle Traffic Signals		Unknown/ unspecified	
Length of Active Transportation component (if known)		_____Ft.	
Cost of Active Transportation component (if known)		\$	

12. FINANCIAL PLAN

County transportation commissions are able to analyze the programming changes of their current amendment or administrative modification compared to what has been federally approved on the SCAG eFTIP Database. The report is called the “CTC Financial Constraints Report.”

13. GROUPED PROJECTS

County transportation commissions must upload grouped project backup listings to the eFTIP Database. County transportation commissions may also use the Grouped Project function of the eFTIP database and pull a backup listing report directly from eFTIP. County transportation commissions are required to submit a detailed backup listing of the individual projects that constitute the grouped project programmed in the eFTIP Database. The detailed backup listing is the supporting documentation for the grouped project and is required to be submitted to Caltrans and FHWA/FTA in order to obligate funds. For more details on Grouped Project procedures, please refer to section A of this chapter, starting on page 78.

14. COMPLETE STREETS

County transportation commissions are now able to check off “Project is Part of a Complete Streets Plan/Network” field to identify projects that are designed and operated to enable safe use and support mobility for all users. Project may include components such as active transportation or public transportation. Complete Street policies are set at the state, regional, and local levels and are frequently supported by roadway design guidelines. The Complete Streets feature will allow SCAG to produce reports that will identify projects in an approved FTIP.

15. PROGRAM CODES

The Program Codes in the SCAG eFTIP Database are a vital part of the programming exercise because they permit projects to be grouped and identified by various project types, including regionally significant, goods movement, exempt, transit capital vs. operating, clean fuel vehicle vs. diesel, etc. The SCAG eFTIP Database can accommodate the selection of up to three Program Codes to define the main components of the overall project scope. Program codes should be selected which best defines the project.

Program Codes have been developed to categorize projects and to help identify key aspects such as whether the project is:

- capacity or non-capacity enhancing,
- new or rehabilitation/modification
- operating assistance
- federally-exempt from emission analysis or may require hot-spot analysis
- ITS / TDM / SHOPP / Grouped Projects

The exceptions to the standard format are primarily general program codes that apply across modes.

The full list of Program Codes is provided starting on page 110 of these Guidelines. The standard Program Code format is illustrated below:

(1) The first 2 characters describe the general category or grouping of projects, e.g., AD = Administrative, CA = Capacity Enhancing, NC = Non-Capacity projects, etc.

(2) The third or middle character indicates whether the project is New (N), a Rehab/Improvement/Upgrade (R), Operating (O), Regionally Significant (X), or a Goods Movement (Y) project. The standard format does not apply to some of the general codes found in the top section of the Program Code list or to ITS, TDM and Grouped Projects codes found at the bottom of the Program Code list.

NC N 2 5 = Bike & Ped Facilities - New

(3) The last 2 characters help identify whether the project is exempt from emissions analysis, whether there is a TCM or non-motorized element as part of a larger project, etc. Program Codes (see table beginning on page 102) ending with numbers 0 through 49 generally represent federally exempt projects. Codes ending with H1 through H6 represent projects that require hot-spot analysis consideration. Codes ending with T0 through T9 indicate that there is a non-motorized or TCM component to the larger project (used in capacity and non-capacity highway/road projects)

Standard Program Code Format Legend

First 2 Characters	Third (middle) Character	Last 2 Characters (4 th & 5 th)
AD = Admin/Admin Facilities AR = Art BU = Bus transit item CA = Capacity Enhancing CH = Child Care CO = Commuter Rail item FE = Ferry Service item FU = Fueling related IT = ITS project LR = Light Rail item LU = Conformity exempt Group Projects categories NC = Non-Capacity Enhancing PA = Paratransit item PL = Planning RA = Rail item SE = Security project SH = SHOPP Group Projects TD = Trans. Demand Mgmt VE = Vehicles TR = Transit project that applies across modes	N = New R = Rehabilitation, Improvement or Upgrade O = Operating or Operating Assistance X = Regionally Significant Y = Goods Movement <i>Note: the standard middle character format does not apply to some of the general codes found in the first section of the Program Codes list or to ITS, TDM and Grouped Project codes found at the bottom of the Program Code list.</i>	0 through 49 = federally exempt (if project is not exempt, such as "add truck lane in urbanized areas", then indicate in the comment section of eFTIP Database). H1 through H6 = these six projects require hot-spot analysis consideration. T0 through T9 = these larger Hwy/Road projects contain non-motorized or TCM aspects.

16. POLITICAL DISTRICT

The political district field is available for agencies/project sponsors to select an appropriate political (State Senate, State Assembly, US House Rep, etc). This will indicate to database users which district a particular project is located in and will allow SCAG and county transportation commission staff to run project listing reports by political district.

17. CHANGE REASON CODES

All active projects in the 2025 FTIP will be carried over into the 2027 SCAG eFTIP Database as "2025 Carryover Projects". If a project is not carried over from the 2025 FTIP to the 2027 FTIP, the project change reason will be "New Project" once it is brought into the 2027 FTIP quadrennial in an amendment. If a change is made to the carryover project during an amendment, it will be necessary to update the Change Reason code accordingly. If more than one Change Reason code applies to the project, the following Change Reason codes have priority over all other codes:

1. Description and Scope Changes
2. Schedule Advances or Delays
3. Cost Increases or Decreases
4. Environmental Document and/or Date Changes

The Change Reason codes listed below match the codes available in the eFTIP Database.

CHG_REASON CODES	DESCRIPTION
AC CONV	AC CONVERSION
AWARD	AWARDED PROJECT
C/O 2019	2019 FTIP CARRYOVER
COMB	COMBINED PROJECT
COMB SCH<	COMBINED PROJECT & SCHEDULE ADVANCE
COMB SCH>	COMBINED PROJECT & SCHEDULE DELAY
COMP	COMPLETED PROJECT
COST SCH<	COST CHANGE AND SCHEDULE ADVANCE
COST SCH>	COST CHANGE AND SCHEDULE DELAY
COST<	COST DECREASE
COST>	COST INCREASE
DEL	DELETED PROJECT
DEL COMB	DELETED COMBINED PROJECT
DEL NEW ID	DELETED NEW IDENTIFICATION
DESC CHG	DESCRIPTION CHANGE
FTA	FUND TRANSFER AGREEMENT
FUND CHG	FUND SOURCE CHANGE
FUNDPH CHG	FUND PHASE CHANGE
LEAD CHG	LEAD AGENCY CHANGE
LIMIT CHG	LIMIT CHANGE
NEW COMB	NEW COMBINED PROJECT
NEW PAY	NEW PAYBACK PROJECT
NEW PRJ	NEW PROJECT
NEW PRJ ID	NEW PROJECT ID
NEW SPLIT	NEW SPLIT PROJECT
ON HOLD	HOLD STIP PROJECT
RE PGM	REPROGRAMMED
R/W CHG	RIGHT OF WAY CHANGE
SCH<	SCHEDULE ADVANCED
SCH>	SCHEDULE DELAY
SCOPE CHG	SCOPE CHANGE
SPLIT	SPLIT PROJECT
SPLIT SCH<	SPLIT PROJECT WITH SCHEDULE ADVANCE
SPLIT SCH>	SPLIT PROJECT WITH SCHEDULE DELAY

TCM - HOLD	TIMELY IMP ISSUE
TECH CHG	TECHNICAL CHANGE
MINOR CHG	MINOR CHANGE
MODEL CHANGE	MODELING DETAILS UPDATE

Note: Use MINOR CHG code only if change reason cannot be described by another listed code.

18. PROJECT STATUS

Project Status helps identify the project phase when the project is programmed or amended in the FTIP. **County transportation commissions are required to update this field to reflect on-going progress when developing their 2027 County TIP and when submitting amendments.** For Federal Transit Administration (FTA) funded transit projects, use the Transit Awards Management System (TrAMS) and locate the “FTA TrAMS Milestones Translation Table” to translate between FTA TrAMS Milestones and the eFTIP Database Project Status field. The codes below match the codes available in the eFTIP Database.

PROJECT STATUS	DESCRIPTION
1	NO PROJECT ACTIVITY
2	ENVIRONMENTAL DOCUMENT / PRE-DESIGN PHASE (PAED)
3	ENGINEERING / PLANS, SPECIFICATIONS AND ESTIMATES (PS&E)
4	RIGHT-OF-WAY ACQUISITION
5	BID/ADVERTISE PHASE
6	CONTRACT AWARD
7	CONSTRUCTION / PROJECT IMPLEMENTATION BEGINS
8	CONSTRUCTION / IMPLEMENTATION COMPLETE, PROJECT OPEN FOR USE
9	FIRST VEHICLE DELIVERED
10	ALL VEHICLES DELIVERED
11	CONTRACT COMPLETE
12	PROJECT OPEN FOR USE BUT LANDSCAPING/OTHER STILL PENDING

19. 100% PRIOR PROJECTS

Projects that are programmed in the 2027 FTIP with all funds programmed prior to FY 2026-27 are considered “100% prior projects”. It is essential that the county transportation commissions update all 100% prior projects. These projects should be updated as completed, deleted, or continue to be carried over into the 2027 FTIP. However, making updates that are only reflected in prior years are considered accounting updates and not programming updates. Updates to prior year funding can be completed through Post Programming. See page 16 of these guidelines for more information on Post Programming.

a. FTA Funds

Federal Transit Administration (FTA) funds must be programmed into the current FTIP cycle to avoid grant delays. For example, a grantee has funds programmed as a 100% prior project in FY 24-25. These funds have not been awarded. If these funds are not carried over into the 2027 FTIP or FYs 26-27, through FY 29-30, (FTIP quadrennial), the grantee will be unable to secure a grant award until funds are programmed

in one of the years specified above. Not programming these funds in the FTIP quadrennial will delay the grant award process.

This project programming is necessary so that the most current and accurate information for all projects is accurately reflected, and projects are not unduly delayed.

FTA considers an FTA funded project to be “complete” when the capital items are purchased, buses delivered, and construction completed. A project is NOT complete merely when a grant is awarded.

20. REPORTS

The eFTIP Database gives the county transportation commissions the ability to run various reports to conduct their analysis and review the project(s) entered in the eFTIP Database to confirm the accuracy of the project. The following is a list of the reports most commonly used to perform project analysis:

- CTC Financial Constraints (formerly Financial Plan)
- Project Sheet
- Project Listing
- Public Project Listing

For steps on producing the reports, please refer to the eFTIP Database User Guide.

If a county transportation commission would like a special report that may not be produced through the current eFTIP Database reports screen, they may make a request by contacting Pablo Gutierrez at (213) 236-1929, or gutierrez@scag.ca.gov.

21. PERFORMANCE MEASURES TAB

The eFTIP database includes a Performance Measures Tab for county transportation commissions to provide performance measures information for eligible FTIP projects.

Pursuant to federal legislation, both Caltrans and California’s MPOs (including SCAG) are required to adopt targets for these performance measures, and those targets will be required to be included in the FTIP. The TIP will include a description of the anticipated effect of the TIP toward achieving the performance targets established in the Plan, linking investment priorities to those performance targets. All projects, including those with 100% non-federally funding, should to the maximum extent possible include performance measure information.

Information provided should rely on project-specific analysis available from the project manager and any project planning or environmental documents. What percentage of project cost applies toward achieving regional transportation performance goals? Information provided will be used by SCAG to demonstrate how Performance Measures are being achieved as required. Very basic tabulation at aggregated level of projects that support specific performance measures. Performance measures can be provided by system. PM1, PM2 and PM3 PM information is for local and state highway projects. TAM/Transit Safety performance measures must be provided for Transit projects.

Guidance for entering Performance Measures in SCAG’s eFTIP Database is available via the eFTIP Database home page at: <https://eftip.scag.ca.gov/secure/login.asp>. Once logged in, click on “News and Reference Materials – Performance Measures”.

22. EQUITY

The Equity fields allow SCAG and county transportation commissions to assess how and where investments are being made across the region and if there are equity issues with the balance of

transportation improvements in Disadvantaged Communities and/or Priority Equity Communities. For more information on Equity, please see page 23. SCAG's Equity platform is in full compliance with Title VI of the Civil Rights Act.

23. EFTIP DATABASE SCREEN & INSTRUCTIONS

Screens from the SCAG eFTIP Database are included in the new eFTIP Database User Guide. As previously mentioned, the eFTIP Database User Guide can be accessed from the eFTIP Database home page at: <https://eftip.scag.ca.gov/secure/login.asp>. Once logged in, click on "Other Tools", then select "Help / Tutorials" for data entry instructions. Additionally, the 2027 FTIP Guidelines will be available in eFTIP "News and Reference Materials" section.

24. AVOID THESE PROBLEMS WITH DATABASE PROJECT SUBMITTALS

Avoid the problems below when submitting to SCAG:

- Incomplete descriptions where it is difficult to tell what is being proposed for funding.
- Duplicate projects including projects that overlap (cover the same geographical area).
- Conflict in the number of lanes and completion years in segmented projects.
- Unidentified number and direction of existing and proposed lanes.
- Missing the number of vehicles to be included in the purchase by fiscal year.
- Missing the required local match.
- Missing completion dates and environmental document type and dates.
- Not identifying regionally significant projects for modeling.
- Not identifying TCM projects in the SCAB and SCCAB areas.
- Missing Grouped Project lists.
- Missing modeling information for bus expansion projects.
- Incorrect RTP ID's.
- Project Status should be reviewed and updated.
- Submitting projects in an Administrative Modification with Added or Deleted Phases.
- Submitting projects with Construction funding in two consecutive years (without indication of multiple contracts).
- Missing program codes.
- Conflict with completion date and funding years.
- Not programming funds in year of expenditures dollars.
- Submitting projects with missing CMP measures and CMP backup.
- Submitting projects with a project scope that describes more than one project.
- Submitting projects with the incorrect Local, Transportation Development Credit (include fund and year of match), or Toll Credit (include fund only) match amount.
- Narratives not giving a clear Change Reason.
- Not double checking that the changes shown in the narrative are accurate.
- Submitting bookkeeping projects (change to prior year funding only).
- Submitting New HBP model type projects without verifying if the project has been modeled in the approved RTP/SCS.

- Submitting changes to ATP projects without backup showing approval from the CTC.
- Missing projects fields (political districts).
- Projects missing Performance Measures information.

C. REFERENCE SECTION

PROGRAM CODES

Program Codes have been revised to match the new codes available in the eTIP Database. The entire list of Program Codes is presented below. The Codes are listed based on the Program Code Type (i.e., first two characters). Following the Program Code list is a "Guide to Program Code Selection" flow chart to assist in the selection of Program Codes.

Program Codes

General Codes that Apply Across All Modes	
AD	<u>Administration/ Administrative Facilities</u>
ADM83	Administration
ADN55	Administrative Office(s)/Facility - New
ADR55	Administrative Office(s)/Facility - Rehab/Improvements
	<u>Misc.</u>
CHI50	Child Care Facility
FUL51	Fueling Stations
FUL52	Fueling Stations - Alternative Fuel
PLN40	Planning
ART48	Public Art Projects
SEC53	Security
SEC54	Security Equipment/Facilities
PPM01	STIP – Planning, Programming & Monitoring
STUDY	Project Study
VE	<u>Vehicles</u>
VER03	Vehicles - Administrative/Maintenance/Service/Security - (Alternative Fuel) - Upgrade/Rehabilitate
VER02	Vehicles - Administrative/Maintenance/Service/Security - (Gas/Diesel) - Upgrade/Rehabilitate
VEN03	Vehicles - Administrative/Maintenance/Service/Security - (Alternative Fuel) - New
VEN02	Vehicles - Administrative/Maintenance/Service/Security - (Gas/Diesel) - New
Capacity Enhancing Improvements	
CA	<u>Capacity Enhancing</u>
CAN37	Auxiliary Lane Through Interchange
CAN76	Adding a Lane Through a Bottleneck: NON-REGIONALLY SIGNIFICANT
CAX76	Adding a Lane Through a Bottleneck: REGIONALLY SIGNIFICANT
CAY76	Adding a Lane Through a Bottleneck: GOODS MOVEMENT
CAR60	Bridge Restoration & Replacement - Lane Addition(s): NON-REGIONALLY SIGNIFICANT
CAX60	Bridge Restoration & Replacement - Lane Addition(s): REGIONALLY SIGNIFICANT
CAY60	Bridge Restoration & Replacement - Lane Addition(s): GOODS MOVEMENT

Capacity Enhancing Improvements (cont.)	
CART1	Bridge Restoration/Replacement (Lane Additions) with Non-motorized and/or TCM Scope/Facilities: NON-REGIONALLY SIGNIFICANT
CAXT1	Bridge Restoration/Replacement (Lane Additions) with Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT1	Bridge Restoration/Replacement (Lane Additions) with Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CAN61	Grade Separation - Capacity Enhancing: NON-REGIONALLY SIGNIFICANT
CAX61	Grade Separation - Capacity Enhancing: REGIONALLY SIGNIFICANT
CAY61	Grade Separation - Capacity Enhancing: GOODS MOVEMENT
CART9	High Occupancy Toll (HOT) Lanes and Pricing Alternatives - Existing: REGIONALLY SIGNIFICANT
CAXT9	High Occupancy Toll (HOT) Lanes and Pricing Alternatives - New: REGIONALLY SIGNIFICANT
CAX62	Highway/Road Improvements-Lane Additions with HOV and/or HOT lane(s): REGIONALLY SIGNIFICANT
CAY62	Highway/Road Improvements-Lane Additions with HOV lane(s): GOODS MOVEMENT
CAR63	Highway/Road Improvements-Lane Additions with no HOV lanes: NON-REGIONALLY SIG.
CAX63	Highway/Road Improvements-Lane Additions with no HOV lanes: REGIONALLY SIGNIFICANT
CAY63	Highway/Road Improvements-Lane Additions with no HOV lanes: GOODS MOVEMENT
CART2	Highway/Road Improvements-Lane Additions with Non-motorized and/or TCM Scope/Facilities: NON-REGIONALLY SIGNIFICANT
CAXT2	Highway/Road Improvements-Lane Additions with Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT2	Highway/Road Improvements - Lane Additions with Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CART3	Interchange – Modify/Replace/Reconfigure – Lane Addition(s) with Non-motorized and/or TCM Scope: NON-REGIONALLY SIGNIFICANT
CAXT3	Interchange – Modify/Replace/Reconfigure – Lane Addition(s) with Non-motorized and/or TCM Scope: REGIONALLY SIGNIFICANT
CAYT3	Interchange – Modify/Replace/Reconfigure – Lane Addition(s) with Non-motorized and/or TCM Scope: GOODS MOVEMENT
CARH3	Interchange – Modify/Replace/Reconfigure – Lane Addition(s)
CAN65	New Bridge: NON-REGIONALLY SIGNIFICANT
CAX65	New Bridge: REGIONALLY SIGNIFICANT
CAY65	New Bridge: GOODS MOVEMENT
CANT4	New Bridge with Non-motorized and/or TCM Scope/Facilities: NON-REGIONALLY SIGNIFICANT
CAXT4	New Bridge with Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT4	New Bridge with Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CAN66	New Connections/Cross Traffic Improvements: NON-REGIONALLY SIGNIFICANT
CAX66	New Connections/Cross Traffic Improvements: REGIONALLY SIGNIFICANT
CAY66	New Connections/Cross Traffic Improvements: GOODS MOVEMENT
CANT5	New Connections/Cross Traffic Improvements with Non-motorized and/or TCM Scope/Facilities: NON-REGIONALLY SIGNIFICANT
CAXT5	New Connections/Cross Traffic Improvements with Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT5	New Connections/Cross Traffic Improvements with Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CAN67	New Highway (no HOV/HOT Lanes): NON-REGIONALLY SIGNIFICANT
CAX67	New Highway (no HOV/HOT Lanes): REGIONALLY SIGNIFICANT

CAY67	New Highway (no HOV/HOT Lanes): GOODS MOVEMENT
CAX68	New Highway with HOV Lane(s): REGIONALLY SIGNIFICANT
CAY68	New Highway with HOV Lane(s): GOODS MOVEMENT

Capacity Enhancing Improvements (cont.)	
CANT6	New Highway with Non-motorized and/or TCM Scope/Facilities: NON-REGIONALLY SIGNIFICANT
CAXT6	New Highway with Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT6	New Highway with Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CANT9	New HOT Lane(s): REGIONALLY SIGNIFICANT
CAN69	New HOV Lane(s): REGIONALLY SIGNIFICANT
CAX70	New Interchange: REGIONALLY SIGNIFICANT
CAY70	New Interchange: GOODS MOVEMENT
CAXT7	New Interchange w/ Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT7	New Interchange w/ Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CAN71	New Interchange with Ramp Meters/HOV Bypass: NON-REGIONALLY SIGNIFICANT
CAX71	New Interchange with Ramp Meters/HOV Bypass: REGIONALLY SIGNIFICANT
CAY71	New Interchange with Ramp Meters/HOV Bypass: GOODS MOVEMENT
CAN72	New Overcross or Undercross: NON-REGIONALLY SIGNIFICANT
CAX72	New Overcross or Undercross: REGIONALLY SIGNIFICANT
CAY72	New Overcross or Undercross: GOODS MOVEMENT
CANT8	New Overcross or Undercross with Non-motorized and/or TCM Scope/Facilities: NON-REGIONALLY SIGNIFICANT
CAXT8	New Overcross or Undercross with Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT8	New Overcross or Undercross with Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CART0	Overcross or Undercross Improvements (Lane Add.) w/ Non-motorized and/or TCM Scope/Facilities: NON-REGIONALLY SIGNIFICANT
CAXT0	Overcross or Undercross Improvements (Lane Add.) w/ Non-motorized and/or TCM Scope/Facilities: REGIONALLY SIGNIFICANT
CAYT0	Overcross or Undercross Improvements (Lane Add.) w/ Non-motorized and/or TCM Scope/Facilities: GOODS MOVEMENT
CAR75	Overcross or Undercross Improvements (Lane Additions): NON-REGIONALLY SIGNIFICANT
CAX75	Overcross or Undercross Improvements (Lane Additions): REGIONALLY SIGNIFICANT
CAY75	Overcross or Undercross Improvements (Lane Additions): GOODS MOVEMENT
CAR59	Restriping for "Mix" Flow Lanes: NON-REGIONALLY SIGNIFICANT
CAX59	Restriping for "Mix" Flow Lanes: REGIONALLY SIGNIFICANT
CAY59	Restriping for "Mix" Flow Lanes: GOODS MOVEMENT
CAX77	Road Diet – Eliminating travel lanes
CAN74	Slow Vehicle Passing Lanes/Truck Climbing Lanes in Urbanized Areas: NON-REGIONALLY SIGNIFICANT
CAX74	Slow Vehicle Passing Lanes/Truck Climbing Lanes in Urbanized Areas: REGIONALLY SIGNIFICANT
CAY74	Slow Vehicle Passing Lanes/Truck Climbing Lanes in Urbanized Areas: GOODS MOVEMENT
CAN77	Reversible Lanes
CAR88	Ramps – Modify/Lane Additions

Non-Capacity Improvements	
NC	<i>Non-Capacity Enhancing</i>
NCN25	Bicycle & Pedestrian Facilities – New
NCN21	Auxiliary Lane Not Through Next Intersection (Less than 1 Mile)
NCR25	Bicycle & Pedestrian Facilities – Upgrade
NCN26	Bicycle Facility – New
NCR26	Bicycle Facility – Upgrade
NCRT1	Bridge Restoration & Replace (No Lane Additions) w/ Non-motorized and/or TCM Scope/Facilities
NCR36	Bridge Restoration & Replacement (No Lane Additions)
NCR81	Curb and Gutter Improvements
NCRH4	Curve Correction/Improve Alignment
NCN47	Directional/Informational Signs / Sign Removal
NCN31	Grade Separation; Railroad/Highway Crossing – Non-Capacity
NCR82	Historic Preservation
NCRT3	Interchange – Modify/Replace (non-capacity) w/ Non-motorized and/or TCM Scope/Facilities
NCRH3	Interchange – Modify/Replace/Reconfiguration
NCRH1	Intersection Improvements/Channelization
NCN84	Land Acquisition
NCN85	Land Acquisition – Abandoned Railway
NCN45	Land Acquisition for Scenic Easement
NCN95	Left Turn Lane(s)
NCN86	Maintenance/Storage Facility – New
NCR86	Maintenance/Storage Facility – Upgrade
NCN34	Median Barrier – New/ Add Median
NCR34	Median/ Median Barrier Upgrade
NCR87	Overcross or Undercross Improvements (No Lane Additions)
NCRT0	Overcross or Undercross Improvements (No Lane Additions) w/ Non-motorized and/or TCM Scope
NCR10	Passenger Benches & Small Shelters
NCR28	Passenger Loading Areas
NCN27	Pedestrian Facilities – New
NCR27	Pedestrian Facilities – Upgrade
NCN46	Planting/Landscaping
NCR46	Planting/Landscaping Restoration
NCR88	Ramps Modify – No Lane Additions
NCN50	Recreational Facilities – Including Bike and Ped - New
NCR50	Recreational Facilities - Including Bike and Ped Upgrade Existing
NCN77	Road Diet - Safety - New
NCR77	Road Diet - Safety - Upgrade
NCR31	Road Replacement and Rehabilitation (No Lane Additions)
NCN33	Roadside Rest Area – New
NCR30	Safety Improvements
NCR78	Seismic Retrofit
NCR22	Shoulder Widening
NCN29	Sidewalks/Curb Cuts – New
NCR29	Sidewalks/Curb Cuts – Upgrade
NCNH2	Signal(s) – at Intersections (non-signal synchronization projects)

NCR79	Slope and Drainage Improvements
NCN35	Slow Vehicle Passing Lanes/Truck Climbing Lanes outside Urbanized Areas
NCR42	Sound Walls
NCR49	Storm Maintenance/Repair/Clearing
NCR35	Street Lights
NCR90	Turnouts
Non-Capacity Improvements (cont)	
NCR91	Upgraded Facilities (No Lane Additions)
NCR93	Port Facilities – No Lane Additions
NCRT2	Upgraded Facilities (No Lane Additions) w/ Non-motorized and/or TCM Scope/Facilities

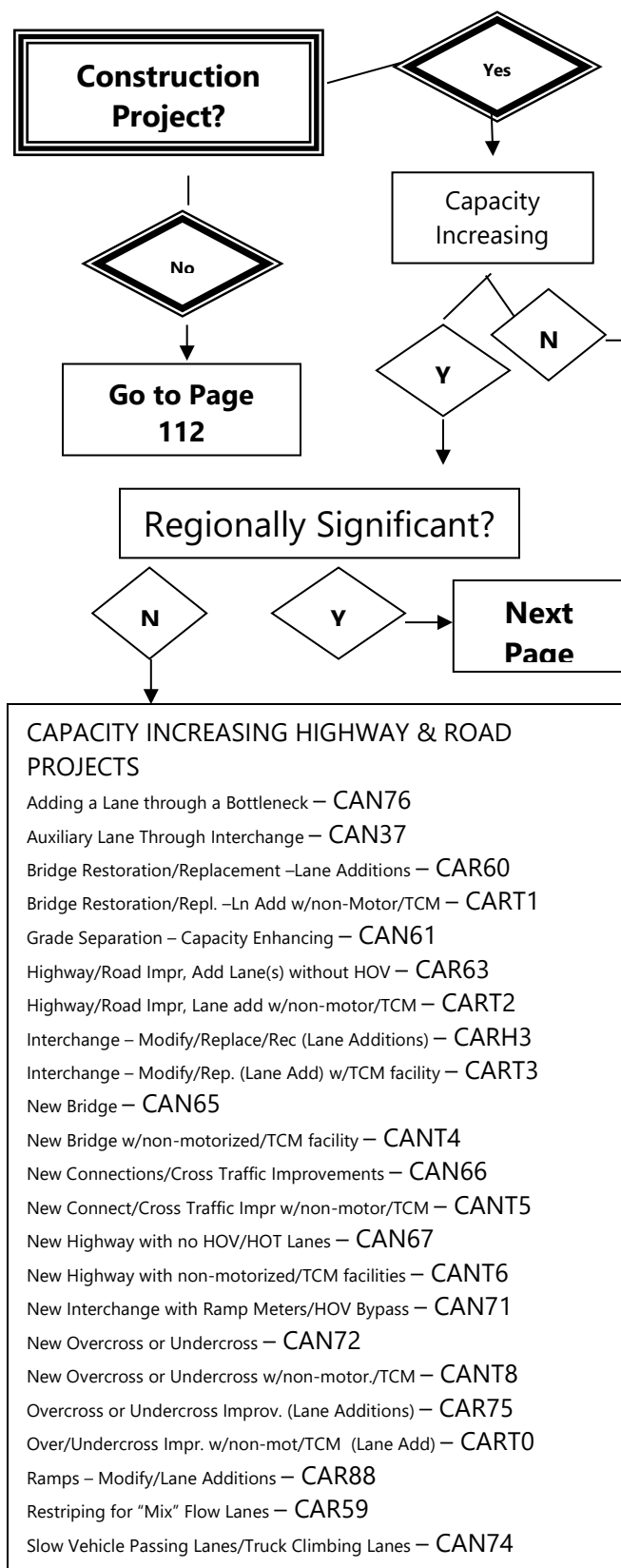
Revenue Operations and Capital	
TR	<u>Codes that Apply Across Bus and Rail Modes</u>
TRN06	Administrative Equipment - New
TRR06	Administrative Equipment - Upgrade/Rehabilitate
TRN10	Electric Charging Equipment/Facilities - New
TRR10	Electric Charging Equipment/Facilities - Upgrade/Rehabilitate
TRN08	Fare Equipment/Ticket Vending Machines
TRN07	Maintenance Equipment - New
TRR07	Maintenance Equipment - Upgrade
TRNH6	Passenger Stations/Facilities - New
TREH6	Passenger Stations/Facilities - Expansion
TRRH6	Passenger Stations/Facilities - Rehabilitation/Improvements
TRN09	Power, Signals and/or Communications
TRN92	Track Extension
TRR15	Track Replacement/Rehabilitation
TRN14	Track Structures - New
TRR14	Track Structures - Rehabilitation/Reconstruction
ITS01	Real Time Rail or Transit Notification System
BU	<u>Bus - (Fixed-Route and Intercity/Commuter Bus)</u>
BUO01	Bus - Capital Lease
BUO00	Bus Operations/Operating Assistance
BUO02	Bus Rapid Transit and Dedicated Bus Lanes - Express Busways – New Service
BUN07	Bus Service Equipment/Operating Equipment
BUN94	Buses – Expansion - Alternative Fuel/Power
BUN93	Buses – Expansion - Gas/Diesel
BUR05	Buses – Rehabilitation/Improvements - Alternative Fuel/Power
BUR04	Buses – Rehabilitation/Improvements - Gas/Diesel
BUR17	Buses – Replacement - Alternative Fuel/Power
BUR16	Buses – Replacement - Gas/Diesel
CO	<u>Commuter Rail (e.g., Metrolink)</u>
CON94	Commuter Rail Cars and/or Locomotives – Expansion - Alternative Fuel
CON93	Commuter Rail Cars and/or Locomotives – Expansion - Gas/Diesel

COR05	Commuter Rail Cars and/or Locomotives – Rehabilitation/Improvements - Alternative Fuel
COR04	Commuter Rail Cars and/or Locomotives – Rehabilitation/Improvements - Gas/Diesel
COR17	Commuter Rail Cars and/or Locomotives – Replacement - Alternative Fuel
COR16	Commuter Rail Cars and/or Locomotives – Replacement - Gas/Diesel
COO00	Commuter Rail Operations/Operating Assistance
CON07	Commuter Rail Service Equipment/Operating Equipment
FE	<u>Ferry Service</u>
FEO00	Ferry Service Operations/Operating Assistance
FEN07	Ferry Service Equipment/Operating Equipment
FEN94	Ferry Service Vessels - Expansion - Alternative Fuel
FEN93	Ferry Service Vessels - Expansion - Gas/Diesel
Revenue Operations and Capital (cont.)	
FER05	Ferry Service Vessels - Rehabilitation/Improvements - Alternative Fuel
FER04	Ferry Service Vessels - Rehabilitation/Improvements - Gas/Diesel
FER17	Ferry Service Vessels - Replacement - Alternative Fuel
FER16	Ferry Service Vessels - Replacement - Gas/Diesel
LR	<u>Light Rail</u>
LRN94	Light Rail Cars and/or Locomotives - Expansion - Alternative Fuel
LRN93	Light Rail Cars and/or Locomotives - Expansion - Gas/Diesel
LRR05	Light Rail Cars and/or Locomotives - Rehabilitation/Improvements - Alternative Fuel
LRR04	Light Rail Cars and/or Locomotives - Rehabilitation/Improvements - Gas/Diesel
LRR17	Light Rail Cars and/or Locomotives - Replacement - Alternative Fuel
LRR16	Light Rail Cars and/or Locomotives - Replacement - Gas/Diesel
LRN92	Light Rail Extension
LRO00	Light Rail Operations/Operating Assistance
LRN07	Light Rail Service Equipment/Operating Equipment
PA	<u>Paratransit</u>
PAO00	Paratransit Operations/Operating Assistance
PAN07	Paratransit Service Equipment/Operating Equipment
PAN94	Paratransit Vehicles - Expansion - Alternative Fuel
PAN93	Paratransit Vehicles - Expansion - Gas/Diesel
PAR05	Paratransit Vehicles - Rehabilitation/Improvements - Alternative Fuel
PAR04	Paratransit Vehicles - Rehabilitation/Improvements - Gas/Diesel
PAR17	Paratransit Vehicles - Replacement - Alternative Fuel
PAR16	Paratransit Vehicles - Replacement - Gas/Diesel
RA	<u>Rail (Intercity and Heavy Rail) (Subway)</u>
RAN94	Rail Cars and/or Locomotives - Expansion - Alternative Fuel
RAN93	Rail Cars and/or Locomotives - Expansion - Gas/Diesel
RAR05	Rail Cars and/or Locomotives - Rehabilitation/Improvements - Alternative Fuel
RAR04	Rail Cars and/or Locomotives - Rehabilitation/Improvements - Gas/Diesel
RAR17	Rail Cars and/or Locomotives - Replacement - Alternative Fuel
RAR16	Rail Cars and/or Locomotives - Replacement - Gas/Diesel

RAN92	Rail Extension
RAO00	Rail Operations/Operating Assistance
RAN07	Rail Service Equipment/Operating Equipment
Intelligent Transportation Systems (ITS)	
ITS	<u>Intelligent Transportation Systems</u>
ITS01	Real Time Transit or Rail Notification System
ITS02	Signal Synchronization
ITS03	System-wide Smart Fare Card and Equipment
ITS04	Traffic Management/Operations Centers
	<u>Traffic Operations System Element Projects</u>
ITS05	Changeable Message Signs (CMS)
ITS06	Closed Circuit Televisions (CCTVs)
ITS07	Control Stations (CS) / Weigh in Motion (WIM) station
ITS08	Fiber Optic Communications
Intelligent Transportation Systems (ITS) (cont.)	
ITS09	Ramp Metering Systems
ITS10	System-wide Signal Preemption
ITS11	Signal Video Enforcement
ITS12	Traveler/Motorist Information Systems; Highway Advisory Radios
ITS13	Vehicle Detection (VDS) & Automatic Vehicle Classification (AVC) Systems
ITS14	Various Traffic Op. System Elements (ITS05 to ITS13)
Transportation Demand Management (TDM)	
TD	<u>Transportation Demand Management</u>
TDN64	Park & Ride Lot – New
TDR64	Park & Ride Lot Modifications/Upgrade/Expansion
TDM20	Ridesharing
TDM24	TDM Programs – non-Ridematching & non-Park & Ride
Grouped Project Listing Categories	
SH	<u>Caltrans SHOPP Projects</u>
SHP01	Operations
SHP02	Roadside Rehabilitation
SHP03	Roadway Rehabilitation
SHP04	Safety
LU	<u>Conformity Exempt Group Project Categories</u>
LUM01	Operational Improvements
LUM02	Rehabilitation and Reconstruction
LUM03	Safety

LUM04	Transportation Non-Motorized Activities (only eligible items)
LUM05	Truck Climbing Lanes (outside urbanized areas)
LUM06	Recreation Trail Projects

Guide to Program Code Selection



NON-CAPACITY CONSTRUCTION PROJECTS (ALL TYPES)

Administrative Offices/Facility - New – ADN55

Administrative Offices/Facility - Rehab/Improve – ADR55

Auxiliary Lane Not Through Next Intersection – NCN21

Bicycle & Pedestrian Facilities - New – NCN25 Upgrade – NCR25

Bicycle Facility - New – NCN26 Upgrade – NCR26

Bridge Restoration & Replac. -No Lane Additions – NCR36

Bridge Restor/Rep -No Add Lns w/non-motor/TCM – NCRT1

Child Care Facility – CHI50

Curb and Gutter Improvements – NCR81

Curve Correction/Improve Alignment – NCRH4

Directional / Informational Signs / Sign Removal – NCN47

Fueling Stations – FUL51 Alternative Fuel – FUL52

Grade Separation; RR/HWY Crossing - Non-Cap – NCN31

Historic Preservation – NCR82

Interchange -Modify/Replace (non-capacity) – NCRH3

Interchange -Modify/Replace w/non-motor/TCM – NCRT3

Intersection Improv./Channelization (non-capacity) – NCRH1

Left Turn Lane(s) – NCN95

Maintenance/Storage Facility -New – NCN86 Upgrade – NCR86

Median Barrier/Add Median -New – NCN34 Upgrade – NCR34

Overcross/Undercross Improv. - No Lane Additions – NCR87

Overcross/Under. Improv - w/non-motorized/TCM – NCRT0

Passenger Benches & Small Shelters – NCR10

Passenger Loading Areas – NCR28

Pedestrian Facilities - New – NCN27 Upgrade – NCR27

Port Facilities – No Lane Additions – NCR93

Public Art – ART48

Ramps -Modify – NCR88

Recreational Facilities - New – NCN50 Upgrade Existing – NCR50

Road Diet – Safety - New – NCN77 Upgrade – NCR77

Road Replacement and Rehabilitation – NCR31

Roadside Rest Area - New – NCN33

Safety Improvements – NCR30

Security Facilities – SEC54

Seismic Retrofit – NCR78

Shoulder Widening – NCR22

Sidewalks/Curb Cuts - New – NCN29 Upgrade – NCR29

Slope/Drainage Improvements – NCR79

Slow Vehicle Passing Lanes/Truck Climbing Lanes outside UZA – NCN35

Sound Walls – NCR42

Storm Maintenance/Repair/Clearing – NCR49

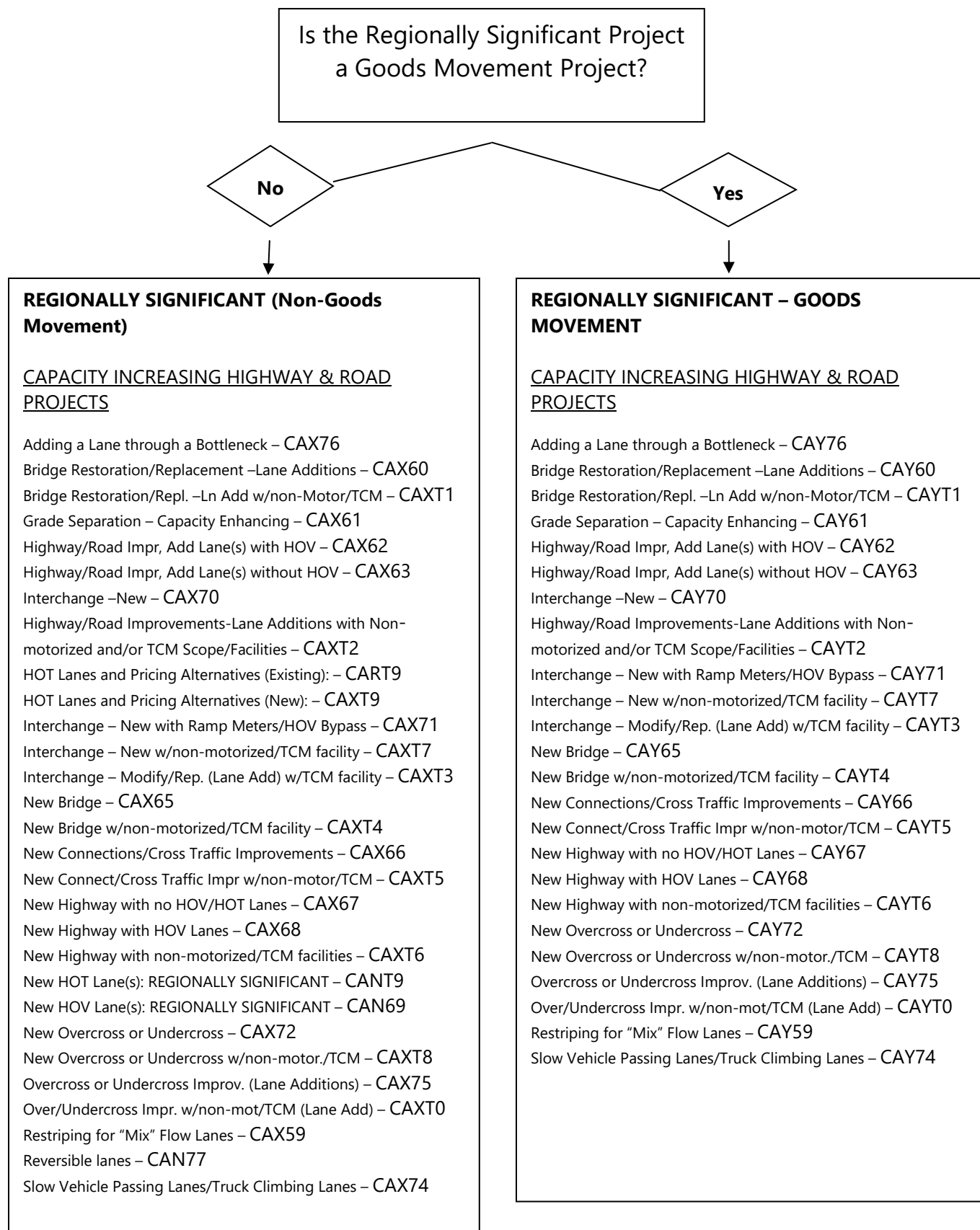
Turnouts – NCR90

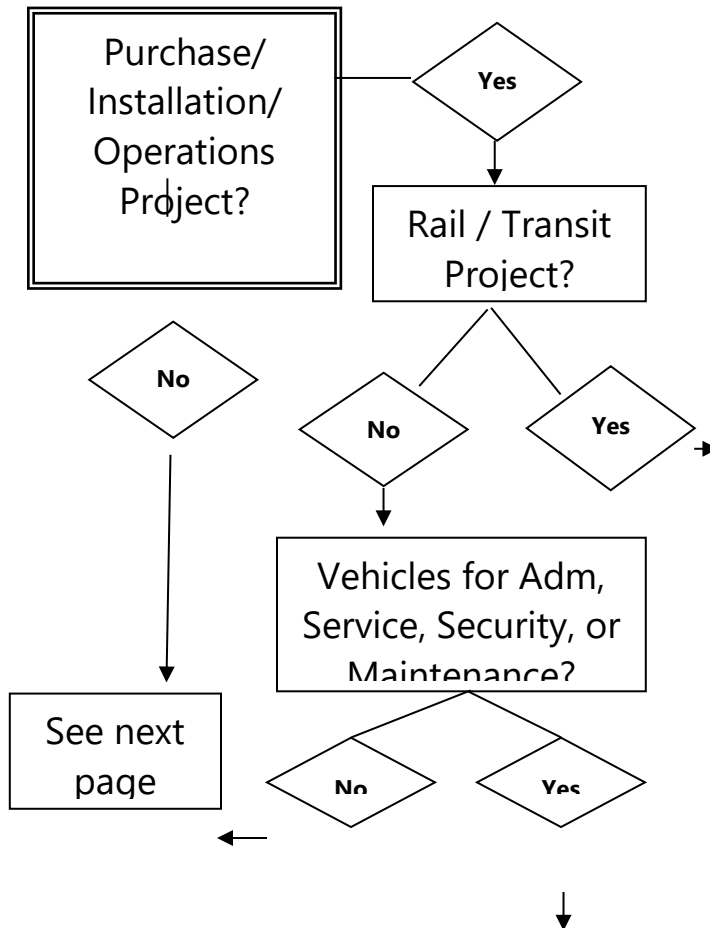
Upgraded Facilities - (No Lane Additions) – NCR91

Upgraded Facilities (No Lane Additions) w/ Non-motorized and/or TCM

Scope/Facilities – NCRT2

Note: Not all program codes are included on the Guide to Program Code Selection flow chart.





VEHICLES: ADMIN, MAINTENANCE, SERVICE, SEC.

Gas/Diesel - New – VEN02
 Alternative Fuel - New – VEN03
 Gas/Diesel - Upgrade/Rehab – VER02
 Alternative Fuel - Upgrade/Rehab – VER03

RAIL (INTERCITY & HEAVY RAIL) / FERRY SERVICE

Rail Cars/Locomotives - Expansion Alternative Fuel – RAN94
 Rail Cars/Locomotives - Expansion Gas/Diesel – RAN93
 Rail Cars/Locomotives - Rehab/Improv Alt. Fuel – RAR05
 Rail Cars/Locomotives - Rehab/Improv Gas/Diesel – RAR04
 Rail Cars/Locomotives - Replace Alternative Fuel – RAR17
 Rail Cars/Locomotives - Replace Gas/Diesel – RAR16
 Rail Extension – RAN92
 Rail Operations/Operating Assistance – RAO00
 Rail Service Equipment/Operating Equipment – RAN07
 Ferry Service Operations/Operating Assistance – FEO00
 Ferry Service - Service Equip/Operating Equip – FEN07
 Ferry Service Vessels - Expansion Alt Fuel – FEN94
 Ferry Service Vessels - Expansion Gas/Diesel – FEN93
 Ferry Service Vessels - Rehab/Improve Alt Fuel – FER05
 Ferry Service Vessels - Rehab/Improve Gas/Diesel – FER04
 Ferry Service Vessels - Replacement Alt Fuel – FER17
 Ferry Service Vessels - Replacement Gas/Diesel – FER16

MASS TRANSPORTATION & RAIL PROJECTS

Codes that Apply Across Bus and Rail Modes

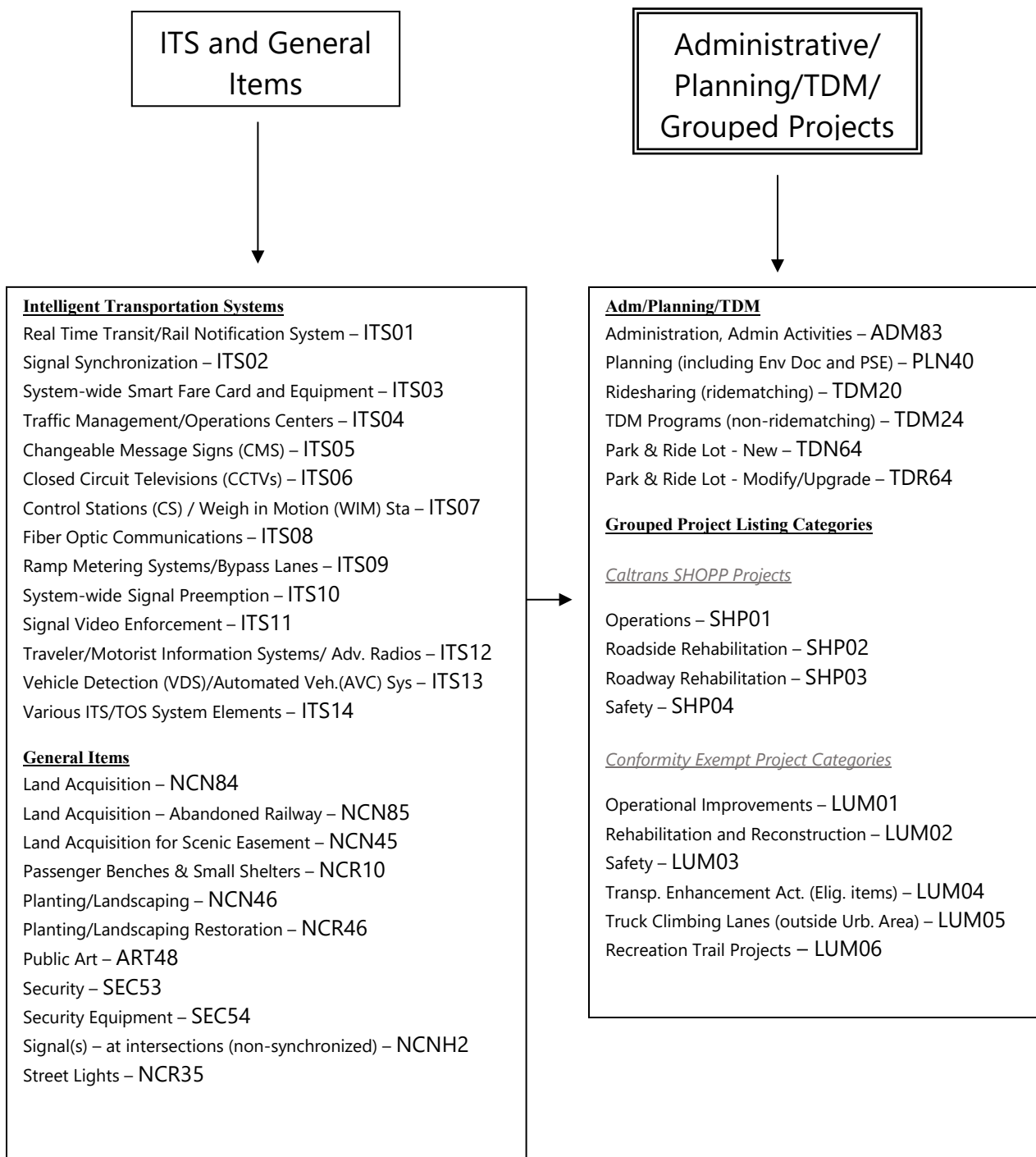
Administrative Equipment - New – TRN06
 Administrative Equip - Rehab/Upgrade – TRR06
 Fare Equipment/Ticket Vending Machines – TRN08
 Maintenance Equipment - New – TRN07
 Maintenance Equipment - Upgrade – TRR07
 Maintenance/Storage Facility - New – NCN86
 Maintenance/Storage Facility - Upgrade/Rehab – NCR86
 Passenger Stations/Facilities - New – TRNH6
 Passenger Stations/Facilities - Expansion – TREH6
 Passenger Stations/Facilities - Rehabilitation/Improv – TRRH6
 Power, Signals, Communications – TRN09
 Track Extension – TRN92
 Track Replacement/Rehabilitation – TRR15
 Track Structures - New – TRN14
 Track Structures - Rehab/Reconstruction – TRR14
 Real Time Rail or Transit Notification System – ITS01

Bus Transit / Paratransit

Bus - Capital Lease – BUO01
 Bus Operations/Operating Assistance – BUO00
 Bus Rapid Transit and Dedicated Bus Lanes - Express Busways
 –New Service – BUO02
 Bus Service Equipment/Operating Equipment – BUN07
 Buses - Expansion Alternative Fuel – BUN94
 Buses - Expansion Gas/Diesel – BUN93
 Buses - Rehabilitation/Improvements Alternative Fuel – BUR05
 Buses - Rehabilitation/Improvements Gas/Diesel – BUR04
 Buses - Replacement Alternative Fuel – BUR17
 Buses - Replacement Gas/Diesel – BUR16
 Paratransit Operations/Operating Assistance – PAO00
 Paratransit Service Equipment/Operating Equipment – PAN07
 Paratransit Veh - Expansion Alternative Fuel – PAN94
 Paratransit Veh - Expansion Gas/Diesel – PAN93
 Paratransit Veh - Rehabilitation/Improv Alt Fuel – PAR05
 Paratransit Veh - Rehabilitation/Improv Gas/Diesel – PAR04
 Paratransit Veh - Replacement Alternative Fuel – PAR17
 Paratransit Veh - Replacement Gas/Diesel – PAR16

Commuter Rail / Light Rail

Commuter Rail Cars/Locom - Expansion Alt Fuel – CON94
 Commuter Rail Cars/Locom - Expansion Gas/Diesel – CON93
 Commuter Rail Cars/Locom - Reh/Improv Alter Fuel – COR05
 Commuter Rail Cars/Locom - Reh/Improv Gas/Diesel – COR04
 Commuter Rail Cars/Locom - Replace Alt Fuel – COR17
 Commuter Rail Cars/Locom - Replace Gas/Diesel – COR16
 Commuter Rail Operations/Operating Assistance – COO00
 Commuter Rail Service Equipment/Operating Equip – CON07
 Light Rail Cars/Locomotives - Expansion Alt Fuel – LRN94
 Light Rail Cars/Locomotives - Expansion Gas/Diesel – LRN93
 Light Rail Cars/Locomotives - Reh/Impr Alt Fuel – LRR05
 Light Rail Cars/Locomotives - Reh/Impr Gas/Diesel – LRR04
 Light Rail Cars/Locomotives - Replace Alt Fuel – LRR17
 Light Rail Cars/Locomotives - Replace Gas/Diesel – LRR16
 Light Rail Extension – LRN92
 Light Rail Operations/Operating Assistance – LR000
 Light Rail Service Equip/Operating Equipment – LRN07



CONFORMITY CATEGORY

The Conformity Category codes below identify projects that are exempt from conformity analysis, TCMs, and non-exempt projects.

Conformity Category
EXEMPT - 93.126
EXEMPT - 93.127
EXEMPT - 93.128
NON-EXEMPT
EXEMPT/MODELED
NON-EXEMPT/NOT MODELED
NON-REPORTABLE TCM
NON-REPORTABLE TCM COMMITTED
TCM
TCM Committed
TCM Substituted

For Non-Reportable TCM and Non-Reportable TCM Committed, see Chapter IV page 71. The Non-Exempt/Not Modeled conformity category is used to identify modeling type projects that are submitted in the FTIP with engineering funding only and have not been included in the adopted RTP/SCS for modeling. During the development of the next RTP/SCS, SCAG staff can run a report to identify those projects and advise the county transportation commissions to include them in the RTP/SCS modeling list.

The Exempt/Modeled conformity category is used to identify projects that have been modeled in the RTP/SCS but only have ENG funding. Exempt/Modeled will also be used to identify projects which are exempt from air quality conformity under 40 CFR 93.126, Table 2, but for which modeling details are necessary for the accuracy of the model. Examples of such projects are auxiliary lanes and road diet projects that modify a roadway use but are done for safety reasons. Projects like these can be programmed in the 2027 FTIP with modeling input captured during a subsequent RTP/SCS adoption or amendment.

Use the TCM Substituted category only when a project has gone through the formal TCM substitution process as described on page 67 of these guidelines.

LEAD AGENCIES

Lead Agencies identify the agency in charge of programming the project and also report the progress of the project. If the county transportation commissions request that a new Lead Agency or Fund Code be added to the eFTIP Database, the form on the following page needs to be filled out and sent to Caltrans Local Districts before they can be added to the eFTIP Database.

Caltrans Local Assistance Procedures for requesting a new Locode (Local Agency Code) and Master Agreement may be found at the following link:

<https://dot.ca.gov/-/media/dot-media/programs/local-assistance/documents/rules/locode-ma-request-procedures-final-combined.pdf>

LOCAL ASSISTANCE PROCEDURES FOR REQUESTING A NEW LOCODE & MASTER AGREEMENT

A Local Agency Code, or “Locode”, is a unique numeric 4-digit agency identifier that is needed for processing of agreements (including Master Agreements) and other respective local agency requests through the Caltrans Division of Local Assistance (DLA). For a local agency that does not yet have a Locode and executed Master Agreement (MA), after the agency has a project included in an approved programming document with funding that is under the umbrella of Local Assistance, the local agency may request a new Locode and MA. A Local Agency’s first MA for Federal or State-only funded projects, whose processing will be initiated upon Locode creation, must be executed prior to the processing of allocation requests, E76s and program supplemental agreements (PSAs) with DLA for specific projects.

The “New Locode/MA Request” process is to be accomplished in several steps, outlined under the following:

- A. Request initiation
- B. Pre-award Audit
- C. Generation of new Locode
- D. Processing of Master Agreement

A local agency who contacts Local Assistance for a new Locode should be made aware that they will be required to undergo a pre-award audit by the Caltrans Division of Audits and Investigations (A&I) which may take from 3-6 months on average to complete. If documentation is not provided to A&I in a timely manner or if responses are inadequate, the process may take longer. It may be advisable for a Local Agency who has been awarded a project and who may be impacted by this timeframe to partner with another agency such as a City or County that already has an executed MA, to administer a project. The Locode/MA request procedures are detailed below:

A. Request initiation

1. Local Agency requests new Locode/MA through the Caltrans District Local Assistance Engineer (DLAE). It may be beneficial for the DLAE to provide the local agency with a sample Master Agreement so that the local agency is made aware of what they will ultimately be agreeing to, provided they are able to meet the prerequisite requirements.
2. DLAE to verify that DLA Locode/Master Agreement are necessary and applicable at the time to justify needing a pre-award audit:
 - Check currently approved programming to confirm that DLA Federal/State funds are programmed for project.
 - Check LP2000 to confirm whether Locode / Master Agreement already exist
3. DLAE assesses the type of local agency requesting Locode/Master Agreement. Issues to consider:
 - Public vs. Private Agency
 - Typically, DLA does not enter into Master Agreements with private or non-profit entities due to concerns regarding:

- * Compliance with maintenance responsibilities of Master Agreement (here today, gone tomorrow)
 - * In event of project default, Caltrans does not have a mechanism for recouping costs for completing project or placing project in acceptable state of repair, intercepting funds (e.g., future gas tax funds, withholding payment from other local assistance project invoices, etc.), or withholding future federal authorizations or CTC allocations, if any.
- DLA recommends these entities find a city or county project sponsor to administer project
- Transportation vs. Non-transportation Agency
 - Non-Transportation type agencies are limited to administering non-infrastructure projects and will enter into non-infrastructure Master Agreements only.
- 4. If DLAE concurs with request:
 - DLAE to submit (scan and email) completed "New Locode/Master Agreement Request Form" to DLA Locode Coordinator:
 Adam Ambrosini
Adam.ambrosini@dot.ca.gov
 (916) 653-3840
 DLAE to cc HQ Area Engineer in email

B. Pre-award Audit

5. DLA Locode Coordinator to initiate pre-award audit process with DLA Audit Coordinator.
 - Purpose is to assess:
 - Risk to Caltrans of entering into a Master Agreement with the new agency
 - * Source of revenue? (ability to meet financial commitments to contractors, consultants, Caltrans)
 - * Financial status? High Risk agency?
 - Ability of Agency's Accounting System to capture financial data and administer Local Assistance projects
 - * Compliance with Federal and State regulatory requirements?
 - Timeliness of A&I agency Audit is subject to workload and available staff. To assist A&I in prioritizing work, DLAE may request additional information from the local agency such as:
 - Type of agency? How long has the agency been in business? How large is the agency?
 - Staffing levels? Type of Staff? Staff Turnover?
 - Has agency been audited by another State agency before? If so, when? Any adverse findings? Copy of Audit Report available?
 - Is this their first Local Assistance project? Federal/State Aid dollar amounts? Other anticipated projects?
6. DLA Audit Coordinator:
 - Requests A&I to perform a pre-award audit of the local agency.
 - Provides to DLA Project Implementation monthly status updates of pre-award audits in progress.

- Insures that DLA Project Implementation (DLA Locode Coordinator and respective AE) and DLAE receive a copy of pre-award audit report upon its issuance.
7. Upon DLAE and DLA Implementation receiving copy of A&I pre-award audit report:
- If there are no findings, skip to "C." below
 - If there are findings,
 - DLAE to notify Local Agency that Locode and Master Agreement processing are on hold.

Local Agency may:

- * Take action to find a sponsor, such as a City or County who already have an MA, to administer a project on their behalf.
- * Work to address the audit findings. After the findings have been addressed to the satisfaction of A&I:
 - Provide documentation of such (a subsequent audit report with no findings, or other documentation from A&I indicating that their report findings have been adequately addressed and resolved by the agency to the satisfaction of A&I) to the DLAE.
 - DLAE to forward documentation to HQ AE.
 - Upon verification by HQ AE that the local agency has no audit findings remaining, HQ AE contacts DLA Locode Coordinator to proceed with "C." below.

C. Locode

8. DLA Locode Coordinator:
- Generates new Locode in LP2000 and provides LP2000 Locode information to AE and DLAE.
 - Files copy of Locode request correspondence including completed "New Locode/Master Agreement Request Form" and pertinent request emails and pre-award audit documentation into DLA Project Implementation "Locodes" binder

D. Master Agreement

9. Upon receiving notification of new Locode by DLA Locode Coordinator, AE to initiate MA processing

New Locode/Master Agreement Request Form

Local Agency information:

Agency Name: _____

Agency Mailing Address: _____

Attention Person (if any) and Title: _____

Agency Phone Number: _____

Contact Person and Title: _____

Contact Person E-mail Address: _____

Caltrans District: _____

County Name: _____

State Assembly District No: _____

State Senate District No: _____

RTPA within its jurisdiction (if applicable): _____

MPO within its jurisdiction (if applicable): _____

Urban Area (if applicable): _____

Air Basin: _____

DLAE information

Requested by: _____

DLAE has completed steps 2 and 3 of request instructions: yes / no _____

District Signature (concurrence with request): _____

Date: _____

Address: _____

Phone No.: _____

E-Mail Address: _____

Your DLAE will be able to assist with any individual requests. Respective DLAEs are listed below:

District 07 Local Assistance

Robert Wong
100 S. Main St, #12.042
Los Angeles, CA 90012-3712
Public: (213) 213.897.2945,
Cell: (213) 269-1798
E-Mail Address: robert.y.wong@dot.ca.gov
Counties: Los Angeles, Ventura

District 08 Local Assistance

464 West Fourth Street, 6th Floor, M760
San Bernardino, CA 92401-1400
Public (909) 806-4759, FAX: (909) 383-7131
Counties: Riverside, San Bernardino

District 11 Local Assistance

Brian Ott
4050 Taylor Street
Bldg 1, 2nd Fl, MS 124
San Diego, CA 92110-2737
Public: (619) 985-5440, Fax: (619) 220-5432
Counties: Imperial, San Diego

District 12 Local Assistance

Tifini Tran
1750 E. 4th Street
Santa Ana, CA 92705
Public: (657) 328-6275
Mobile: (949) 279-8799
E-Mail Address: tifini.tran@dot.ca.gov
Counties: Orange

FUND SOURCES

The following is a list of common fund sources seen in the FTIP.

Federal Highway Administration (FHWA) programs

Surface Transportation Block Grant Program (STBG)

<https://www.fhwa.dot.gov/bipartisan-infrastructure-law/stbg.cfm>

The Surface Transportation Block Grant Program (STBG) provides flexible funding that States and localities may use for projects to preserve and improve the conditions and performance of any Federal-aid highway, bridge, and tunnel projects on any public road, pedestrian and bicycle infrastructure, and capital projects, including intercity bus terminals. The program includes several new types of eligible projects, including EV charging infrastructure, intelligent transportation technologies for multi-modal connection, protective features to enhance system resilience, and wildlife crossing projects. STBG also increased off-system bridge set-aside.

Congestion Mitigation and Air Quality Program (CMAQ)

<https://www.fhwa.dot.gov/bipartisan-infrastructure-law/cmaq.cfm>

The IIJA continues the Congestion Mitigation and Air Quality Improvement Program (CMAQ) to provide a flexible funding source to State and local governments for transportation projects and programs to help meet the requirements of the federal Clean Air Act. The primary purpose of the CMAQ program is to fund projects and programs in air quality non-attainment and maintenance areas (ozone and carbon monoxide) that reduce transportation-related emissions. In the SCAG region, transportation projects and programs located in the South Coast Air Basin (SCAB), the Ventura County portion of the South Central Coast Air basin (SCCAB), the Los Angeles and San Bernardino county portions of the Mojave Desert Air Basin (MDAB), and the Riverside County portion of the Salton Sea Air Basin (SSAB) meet the CMAQ requirements and are eligible for CMAQ funds. Some projects that are eligible for CMAQ funding include High Occupancy Vehicle (HOV) lanes, bicycle and pedestrian facilities, alternative fuel vehicles for public transit agencies, and operating assistance. The IIJA continues all prior CMAQ eligibilities and adds new eligibilities that include shared micro-mobility, purchases of diesel replacements or medium to heavy duty zero emission, and modernization or rehabilitation of lock and dam.

National Highway Performance Program (NHPP)

<https://www.fhwa.dot.gov/bipartisan-infrastructure-law/nhpp.cfm>

The NHPP provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in the State's asset management plan for the NHS. Under IIJA NHPP added an additional program objective in providing support for activities to increase the resiliency of the NHS to mitigate the cost of damages from sea level rise, extreme weather events, flooding, wildfires, or other natural disasters. New eligible projects include resiliency improvements on the NHS, activities to protect NHS segments from cybersecurity threats, and protective features on Federal-aid highways/bridges off the NHS.

Highway Infrastructure Program (HIP)

<https://www.fhwa.dot.gov/specialfunding/hip/20230321.pdf>

https://www.fhwa.dot.gov/cfo/hip-crrsa_imp_guidance_fhwa_02-24-21.pdf

For FY 2023, \$3.4 billion was allocated for Highway Infrastructure Programs. Of that amount, \$1.9 billion was allocated to state DOTs. These funds must be obligated by September 30, 2026. The Coronavirus Response and Relief Supplemental Appropriations Act, 2021 (CRRSAA) appropriated an additional \$10 billion to the program. These HIP-CRRSAA funds are available for obligation through September 30, 2024 and must be expended by September 30, 2029.

For purposes of the FTIP/FSTIP financial constraint and programming, we recommend the following:

- HIP apportionment must be displayed in the MPOs FTIP as REVENUE in the FTIP Financial Table.
- HIP apportionment can be shown as "Revenue" and "Programmed" in one FFY or be divided into multiple years.

Highway Safety Improvement Program (HSIP)

<https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/highway-safety-improvement-program>

The IIJA continues the Highway Safety Improvement Program (HSIP) to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-State-owned public roads and roads on tribal lands. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance. The primary features of the current HSIP are retained, including the requirement for a comprehensive, data-driven, Strategic Highway Safety Plan (SHSP) that defines State safety goals and describes a program of strategies to improve roadway safety. In California, Caltrans administers the HSIP Call for Projects. Eligible projects include installing or upgrading traffic control devices for pedestrians and bicyclists and roadway improvements that separate motor vehicles from bicycles or pedestrians. The program requires States to complete vulnerable road user (VRU) safety assessments and update those assessments in accordance with updates required by the SHSP.

Railway-Highway Crossings Program (RHCP)

<https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/sec130>

The IIJA continues the Railway-Highway Crossings Program (RHCP), which provides funds for safety improvements to reduce the number of fatalities, injuries, and crashes at public railway-highway grade crossings. The program is funded via a set aside from the Highway Safety Improvement Program (HSIP). The IIJA eliminates the program requirement to set aside 50 percent of RHCP funds (each FY) for the "installation of protective devices." Program funds may be used for the elimination of hazards, projects that reduce pedestrian fatalities and injuries from trespassing at grade crossings, and install protective devices at railway highway

Carbon Reduction Program (CRP)

<https://dot.ca.gov/programs/esta/carbon-reduction>

CRP provides funding to states to reduce transportation emissions or develop carbon reduction strategies. States may use the program funds for projects that support the reduction of transportation emissions, including the construction, planning, and design of trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation, public transportation projects, and congestion management technologies. The program requires States, in consultation with MPOs, to develop a carbon reduction strategy and update it at least every four years.

Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Program

<https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/protect>

The IIJA establishes the Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Formula Program to help make surface transportation more resilient to natural hazards, including climate change, sea level rise, flooding, extreme weather events, and other natural disasters through the support of planning activities, resilience improvements, community resilience, and evacuation routes, and at-risk coastal infrastructure. PROTECT will provide \$7.3 billion in formula funding to states and \$1.4 billion in competitive grants to eligible entities to improve the resilience of our transportation system.

National Electric Vehicle Infrastructure Program (NEVI)

<https://www.fhwa.dot.gov/environment/nevi/resources/NEVI-Interim-Final-Program-Guidance-8-11-2025.pdf>

The National Electric Vehicle Infrastructure Formula Program provides funding to States to strategically deploy electric vehicle (EV) charging infrastructure and to establish an interconnected network to facilitate data collection, access, and reliability. Eligible projects must be directly related to a vehicle's charging and only for EV charging infrastructure open to the public or to multiple authorized commercial motor vehicle operators. EV charging infrastructure projects funded by the program must be located along designated alternative fuel corridors.

Transportation Alternatives (TA)

<https://www.fhwa.dot.gov/fastact/factsheets/transportationalternativesfs.cfm>

The FAST Act eliminated the MAP-21 Transportation Alternatives Program (TAP) and replaced it with a set-aside of Surface Transportation Block Grant (STBG) program funding for Transportation Alternatives (TA). These set-aside funds include all projects and activities that were previously eligible under TAP, encompassing a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to stormwater and habitat connectivity. The State of California has placed TA funds in the ATP program.

BUILD Grants

<https://www.transportation.gov/BUILDgrants/about>

The Better Utilizing Investments to Leverage Development, or BUILD Transportation Discretionary Grant program, provides a unique opportunity for the DOT to invest in road, rail, transit and port projects that promise to achieve national objectives. Previously known as Transportation Investment Generating Economic Recovery, or TIGER Discretionary Grants, Congress has dedicated nearly \$7.1 billion for ten rounds of National Infrastructure Investments to fund projects that have a significant local or regional impact.

Transportation Infrastructure Finance and Innovation Act (TIFIA)

<https://www.fhwa.dot.gov/fastact/factsheets/tifiafs.cfm>

The Transportation Infrastructure Finance and Innovation Act (TIFIA) program provides Federal credit assistance in the form of direct loans, loan guarantees, and standby lines of credit to finance surface transportation projects of national and regional significance. TIFIA credit assistance provides improved access to capital markets, flexible repayment terms, and potentially more favorable interest rates than can be found in private capital markets for similar instruments. TIFIA can help advance qualified, large-scale projects that otherwise might be delayed or deferred because of size, complexity, or uncertainty over the timing of revenues. Many surface transportation projects - highway, transit, railroad, intermodal freight, and port access - are eligible for assistance. Each dollar of Federal funds can provide up to \$10 in TIFIA credit assistance - and leverage \$30 in transportation infrastructure investment.

Federal Transit Administration (FTA) programs

The Bipartisan Infrastructure Law (BIL), enacted as the Infrastructure Investment and Jobs Act (IIJA), includes a reauthorization of the following core federal surface transportation programs:

Section 5307 Urbanized Area Formula Program

<https://www.transit.dot.gov/funding/grants/urbanized-area-formula-grants-5307>

The Urbanized Area Formula Funding program (49 U.S.C. 5307) makes federal resources available to urbanized areas and to governors for transit capital and operating assistance in urbanized areas and for transportation-related planning. An urbanized area is an incorporated area with a population of 50,000 or more that is designated as such by the U.S. Census.

Section 5309 Fixed Guideway Capital Investment Grants

<https://www.transit.dot.gov/funding/grants/fact-sheet-capital-investment-grants-program>

The IIJA continues the discretionary Fixed Guideway Capital Investment Grants (CIG) program, which funds fixed guideway investments including new and expanded rapid rail, commuter rail, light rail, streetcars, bus rapid transit, and ferries, as well as corridor-based bus rapid transit investments that emulate the features of rail. There are three categories of eligible projects under the CIG program: New Starts, Small Starts, and Core Capacity.

Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities

<https://www.transit.dot.gov/funding/grants/fact-sheet-enhanced-mobility-seniors-and-individuals-disabilities>

The IIJA continues, without change, the Formula Grants for the Enhanced Mobility of Seniors and Individuals with Disabilities Program, which funds transportation services planned, designed, and carried out to meet the special transportation needs of seniors and individuals with disabilities in all areas.

Section 5311 Formula Grants for Rural Areas

<https://www.transit.dot.gov/funding/grants/fact-sheet-formula-grants-rural-areas>

The IIJA continues this program, which provides capital, planning, and operating assistance to states to support public transportation in rural areas with populations less than 50,000, where many residents often rely on public transit to reach their destinations. It also provides funding for state and national training and technical assistance through the Rural Transportation Assistance Program.

Section 5337 State of Good Repair Grants

<https://www.transit.dot.gov/funding/grants/fact-sheet-state-good-repair-and-rail-vehicle-replacement-program>

The IIJA continues the State of Good Repair grants program. This program provides financial assistance to transit agencies that operate fixed-guideway and high-intensity motorbus systems for the maintenance, replacement, and rehabilitation of capital assets, including competitive grants for rail rolling stock, as well as for the development and implementation of transit asset management plans.

Section 5339 Bus and Bus Facilities Program

<https://www.transit.dot.gov/funding/grants/fact-sheet-buses-and-bus-facilities-program>

The IIJA continues the Grants for Buses and Bus Facilities program, which makes funding available to States, designated recipients, and local governmental entities that operate fixed route bus service to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities including technological changes or innovations to modify low or no emission vehicles or facilities. Funding is provided through formula allocations and competitive grants. Two sub-programs provide competitive grants for buses and bus facility projects, including one that supports low and zero-emission vehicles.

The table below details the FTA programs and general match requirements.

FUNDING PROGRAM	FEDERAL MATCH DETAILS
FTA Section 5307 Urbanized Area Formula Program	Maximum 80% for Capital and 50% for Operating
FTA Section 5309 Fixed Guideway Capital Investment Grants	Maximum 60% for New Starts; 80% for Small Starts
FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities	Maximum 80% for Capital and 50% for Operating
FTA Section 5311 Formula Grants for Rural Areas	Maximum 80% for Capital and 50% for Operating 80% for Americans with Disabilities Act (ADA) non-fixed route paratransit service
FTA Section 5337 State of Good Repair Grants	Maximum 80% for State of Good Repair Projects
FTA Section 5339 Bus and Bus Facilities Program	Maximum 80% Can exceed 80% for certain ADA, Clean Air Act, and bicycle projects

State Revenue Sources

SB-1 Solutions for Congested Corridors Program

<https://CTC.ca.gov/programs/sb1/solutions-for-congested-corridors-program>

The purpose of the Solutions for Congested Corridors Program is to provide funding to achieve a balanced set of transportation, environmental, and community access improvements to reduce congestion throughout the state.

This statewide, competitive program makes \$250 million available annually for projects that implement specific transportation performance improvements and are part of a comprehensive corridor plan by providing more transportation choices while preserving the character of local communities and creating opportunities for neighborhood enhancement.

Regional transportation planning agencies, county transportation commissions and Caltrans are eligible to apply for program funds through the nomination of projects. All projects nominated must be identified in a currently adopted regional transportation plan and an existing comprehensive corridor plan. The CTC is required to score and select submitted applications based on the following criteria:

1. Safety;
2. Congestion;
3. Accessibility;
4. Economic development, job creation and retention;
5. Air pollution and greenhouse gas emission reductions;
6. Efficient land use;
7. Level of matching funds; and
8. The ability to complete the project in a timely manner.

SB 1 requires preference to be given to comprehensive corridor plans that demonstrate collaboration between Caltrans and local or regional partners, reflecting a comprehensive planning approach. No more than half the available funding each year can be awarded to projects nominated exclusively by Caltrans.

The CTC is expected to adopt the 2024 program, which includes funding for FY 2025-26 and FY 2026-27 in summer 2025.

SB-1 Trade Corridor Enhancement Program (TCEP)

<https://CTC.ca.gov/programs/sb1/trade-corridor-enhancement-program>

The objective of the Trade Corridor Enhancement Program is to fund freight infrastructure improvements on federally designated Trade Corridors of National and Regional Significance, on California's portion of the National Highway Freight Network, as identified in the California Freight Mobility Plan, and along other corridors that have a high volume of freight movement as determined by the Commission, including Senate Bill (SB) 671 Corridors. SB671 corridors are corridors that were identified by the SB 671 work group as freight corridors that are priority candidates for zero-emission freight. The Trade Corridor Enhancement Program will also support the goals of the National Highway Freight Program, the California Freight Mobility Plan, and the guiding principles in the California Sustainable Freight Action Plan. Projects in the SCAG region must be included in Connect SoCal 2024. More information can be found on page 22.

SB-1 Local Streets and Roads Program

<https://CTC.ca.gov/programs/sb1/local-streets-roads-program>

Senate Bill (SB) 1 dedicated approximately \$1.5 billion per year in new formula revenues apportioned by the State Controller (Controller) to cities and counties for basic road maintenance, rehabilitation, and critical safety projects on the local streets and roads system.

To be eligible to receive funding from the Controller, each year, cities and counties must submit a proposed project list adopted at a regular meeting by their board or council that is then submitted to the CTC. Once reviewed and adopted by the CTC, the list of eligible cities and counties to receive funding is sent to the Controller to begin the apportionment process for that fiscal year.

In an effort to promote accountability and transparency in accordance with SB 1, the proposed project lists submitted by the cities and counties for funding eligibility are published on both this webpage and the Rebuilding California website. In addition to the lists, notices to adopt for funding eligibility and all other program related matters requiring CTC action are published on the CTC's website and conducted at public meetings.

Cities and counties must provide an Annual Project Expenditure Report to the CTC for each year in which program funding was received and expended. The CTC will then report the information collected in its Annual Report to the California Legislature that is due December 15, each year. The Annual Project Expenditure Report outcomes will also be published on the CTC's website.

During the first year in which the Local Streets and Roads Funding Program received new SB 1 revenue, 537 cities and counties received eligibility to receive their share of roughly \$386 million to be distributed by formula and disbursed by the Controller on a monthly basis. Roughly 4,096 local streets and roads projects were proposed that ranged from road maintenance and repair to pre-construction efforts and additional public works operational needs.

SB-1 Local Partnership Program

<https://CTC.ca.gov/programs/sb1/local-partnership-program>

The Road Repair and Accountability Act of 2017 (SB 1) created the Local Partnership Program, which is modeled closely after the Proposition 1B State Local Partnership Program. The purpose of this program is to provide local and regional transportation agencies that have passed sales tax measures, developer fees, or other imposed transportation fees with a continuous appropriation of \$200 million annually from the Road Maintenance and Rehabilitation Account to improve aging infrastructure, road conditions, active transportation, transit, and health and safety. Consistent with the intent behind SB 1, the Commission intends this program to balance the need to direct increased revenue to the state's highest transportation needs while fairly distributing the economic impact of increased funding.

State Transportation Improvement Program (STIP)

<https://CTC.ca.gov/programs/state-transportation-improvement-program>

The State Transportation Improvement Program (STIP) is funded with a combination of Federal and State revenue sources. The Regional Transportation Planning Agencies (RTPAs) propose programs and projects for 75% (Regional Transportation Improvement Program (RTIP)) of the available funds while Caltrans proposes programs for the remaining 25% (Interregional Transportation Improvement Program (ITIP)). Fund estimates are released in July of every odd number year with the CTC approving the estimates in August of every odd number year. Once approved, Caltrans and the RTPAs prepare transportation improvement programs for these funds in December with approval of the programs by the CTC in April of the subsequent, even number year. By law, the fund estimate can be delayed for up to 90 days which impacts the overall STIP approval schedule. Therefore, the timelines are subject to change.

State Highway Operation and Protection Program (SHOPP)

<https://dot.ca.gov/programs/financial-programming/state-highway-operation-protection-program-shopp-minor-program-shopp>

The State Highway Operation and Protection Program (SHOPP) primarily funds state highway and bridge rehabilitation and reconstruction projects. These projects do not add capacity to highways and are often exempt from air quality analysis and environmental review. Changes to the SHOPP usually requires CTC action which is then updated in the FTIP soon after CTC approval.

Transportation Development Act (TDA)

<https://dot.ca.gov/programs/rail-and-mass-transportation/transportation-development-act>

The Transportation Development Act (TDA) provides funding for the Local Transportation Fund (LTF) and the State Transit Assistance (STA) fund, both of which fund projects that assist and improve public transportation. Funds are allocated to counties based on several factors which include population, taxable sales, and transit performance. TDA funding is used for planning and program activities, pedestrian and bicycle facilities, community transit services, public transit, and bus and rail projects. If unmet transit needs do not exist, funds can be used for roads. Agencies typically use these funds as local match for FTA funds that have a match requirement.

Active Transportation Program (ATP)

<https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program>

The goals of the ATP are to encourage increased use of active modes of transportation, such as biking and walking, increase safety for non-motorized users, advance the efforts of regional agencies to achieve greenhouse gas reduction goals, and enhance public health. The CTC is responsible for adopting guidelines for each 4-year ATP cycle and must adopt a program of projects no later than April 1 of each odd-numbered year.

Cap and Trade Program

<http://www.arb.ca.gov/cc/capandtrade/capandtrade.htm>

Assembly Bill (AB) 32 requires California to return to 1990 levels of GHG emissions by 2020. All programs developed under AB 32 contribute to the reductions needed to achieve this goal and will deliver an overall 15% reduction in GHG emissions compared to the “business as usual” scenario in 2020 if we did nothing at all.

Proposition 1B

<https://dot.ca.gov/programs/financial-programming/office-of-capital-improvement-programming-ocip/prop-1b-closeout>

Adopted in 2006 by California voters, the Proposition 1B bond measure generated \$19.925 billion over the course of ten years. Bonds were distributed to several different programs which included:

- Corridor Mobility Improvement Account (CMIA)
- State Route 99 Improvements
- California Ports Infrastructure, Security, and Air Quality Improvement Account which include the Trade Corridor Improvements Fund, additional port security measures, and an apportionment to supplement the State Air Resources Board for the purpose of emissions reduction not required by law.
- School bus retrofit
- STIP augmentation
- Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA) in which a portion will go to Intercity Rail improvement
- State-Local Partnership Program Account
- Transit System Safety, Security, and Disaster Account
- Local Bridge Seismic Retrofit Account
- Highway-Railroad Crossing Safety Account
- Highway Safety, Rehabilitation, and Preservation Account, a portion of which will go to the SHOPP and Traffic Light Synchronization
- Local Streets and Road Improvement, Congestion Relief, and Traffic Safety account

Other tools and mechanisms for programming projects

Local Advance Construction

<https://dot.ca.gov/-/media/dot-media/programs/local-assistance/documents/lapm/ch03.pdf> (starting on page 3-23)

Local Advance Construction or Local AC is a tool that allows agencies to program local dollars in anticipation of using future federal revenue to reimburse the agency. This allows a project to continue forward with limited federal funds. According to the Local Assistance Procedure Manual, CMAQ, RSTP, and HBP are the only federal-aid programs eligible for Local AC. Additionally, STIP funds are also eligible for Local AC. Projects funded with Local AC must comply to all federal regulations as if the project was funded with federal-aid dollars. Therefore, Local AC projects must be in the FTIP. Moreover, the federal reimbursement, or conversion amount, must be programmed in the FTIP so that local funds will be reimbursed.

FUND CODES

Fund Codes identify the specific type of funds programmed for each project. It is very important that Fund Codes be entered correctly so as not to delay the obligation of funds. The table below has all fund codes in the eFTIP Database by county at the time of Guideline development:

County	Fund Type	Fund Type Description
All	1112	RECREATIONAL TRAILS
All	2008EAR	FFY 2008 Appropriations Earmarks
All	2009EAR	FFY 2009 Appropriations Earmarks
All	2010EAR	FFY 2010 APPROPRIATIONS EARMARKS
All	5207	INTELLIGENT TRANS SYS
All	5307-TR	FTA 5307 (FHWA TRANSFER FUNDS)
All	5308	CLEAN FUEL FORMULA
All	5309a	FTA 5309(a) GUIDEWY
All	5309b	FTA 5309(b) NEW RAIL
All	5309c	FTA 5309(c) BUS
All	5310	FTA 5310 ELD AND DISABI
All	5310-TR	FTA 5310 (FHWA TRANSFER FUNDS)
All	5311	FTA 5311 NON-UZA
All	5316	FTA 5316 JOB ACCESS PROGRAM
All	5317	FTA 5317 NEW FREEDOM PROGRAM
All	5339	FTA 5339 ALTERNATIVES ANALYSIS PROGRAM
All	5394	ROGAN H.R. 5394
All	AB2766	STATE AB 2766
All	AGENCY	AGENCY
All	AIR	AIR BOARD
All	AR-5307	ARRA - FTA 5307
All	AR-5309	ARRA - FTA 5309
All	AR-5311	ARRA - FTA 5311
All	AR-FLH	ARRA - FEDERAL LANDS HIGHWAYS PROGRAM
All	AR-FRA	ARRA Federal Railroad Administration
All	AR-RSTP	ARRA - REGIONAL SURFACE TRANSPORTATION PROGRAM
All	AR-STP	ARRA - SURFACE TRANSPORTATION PROGRAM
All	AR-TE-S	ARRA - STATE TRANSPORTATION ENHANCEMENT
All	ARRA-HM	ARRA - HIGHWAY MAINTENANCE (HM)
All	ARRA-SH	ARRA - SHOPP
All	ARRA-TE	ARRA - TRANSPORTATION ENHANCEMENT
All	ARRAIIP	ARRA - STIP IIP
All	ARRARIP	ARRA - STIP RIP
All	BENEFIT	BENEFIT ASSESS DIST
All	BIA	BU OF INDIAN AFFAIRS
All	BOND-SH	SHOPP AUGMENTATION
All	BONDL	BONDS - LOCAL
All	BR-LOCS	BRIDGE LOCAL SEISMIC

All	CBIP	FHWA CORRIDORS AND BORDERS PROGRAM
All	CITY	CITY FUNDS
All	CMAQ	CMAQ
All	CMIA	CORRIDOR MOBILITY PROGRAM
All	CMOYER	CARL MOYER FUNDS
All	CO	COUNTY
All	CTSGP	CALIFORNIA TRANSIT SECURITY GRANT PROGRAM
All	DEMISTE	DEMO - ISTE A
All	DEMO	DEMO - PRE ISTE A
All	DEMOSTL	DEMO - SAFETEA-LU
All	DEMOT21	DEMO - TEA 21
All	DEV FEE	DEVELOPER FEES
All	DOD	DEFENSE FUNDS
All	ECREC	ECONOMIC RECOVERY
All	ECREC-T	ECONOMIC RECOVERY - TRANSIT
All	EDA	EDA GRANT
All	ER-LOC	EMERGENCY RELIEF - LOCAL
All	ER-S	EMERGENCY RELIEF - STATE
All	FARE	FARE REVENUE
All	FEE	FEE
All	FERRY-D	1064 FERRY DISCRETIONARY
All	FLH	FEDERAL LANDS HIGHWAYS PROGRAM
All	FRA	FEDERAL RAILROAD ADMINISTRATION EARMARK
All	GEN	GENERAL FUNDS
All	GRV-SH	GARVEE BOND FINANCING
All	HBRR-L	BRIDGE - LOCAL
All	HBRR-S	HBRR - STATE
All	HFL	HIGHWAYS FOR LIFE
All	HPP-ACC	ADVANCED CONSTRUCTION CONVERSION
All	HPP-RE	HIGH PRIORITY PROJECTS PROGRAM - ADVANCE CONSTRUCTION CONVERSIO
All	HRRRP	HIGH RISK RURAL ROAD PROGRAM
All	HSIP	HIGHWAY SAFETY IMPROVEMENT PROGRAM
All	HSIP-CT	HSIP - CT MINOR PROGRAM
All	HSPTB	HIGH-SPEED PASSENGER TRAIN BOND PROGRAM
All	HUD	HOUSING AND URBAN DEV
All	I	INTERSTATE
All	IM	INTERSTATE MAINTENANC
All	IM-2764	INTERSTATE MAINT. DISCRETIONARY - H.R. 2764
All	IM-4818	INTERSTATE MAINT. H.R. 4818
All	IM-IIP	INTERSTATE MAINTENANCE - IIP
All	IM-RIP	INTERSTATE MAINTENANCE - RIP
All	IMD	INTERSTATE MAINTENANCE DISCRETIONARY
All	IS	INTERSTATE SUBSTITUT

All	LOC-AC	LOCAL ADVANCE CONSTRUCTION
All	LSRCRTS	LOCAL STREET AND ROAD, CONGESTION
All	LTF	LOCAL TRANS FUNDS
All	MELLO	MELLO ROOS
All	NCIIP	NAT'L CORRIDOR INFRASTRUCTURE IMP PROGRAM
All	NH	NATIONAL HWY SYSTEM
All	NH-HM	NATIONAL HWY SYSTEM - HM
All	NH-IIP	NATIONAL HWY SYSTEM - IIP
All	NH-RIP	NATIONAL HWY SYSTEM - RIP
All	NH-SHOP	NATIONAL HWY SYSTEM-SHOPP
All	NPSF	NATIONAL PARK SERVICE FUNDS
All	NSBP	SCENIC BYWAYS DISCRET
All	P-TAX	PROPERTY TAX
All	P116	PROP 116
All	PLH	PUBLIC LAND HWYS
All	PNRS	PROJECTS OF NATIONAL AND REGIONAL SIGNIFICANCE
All	PORT	PORT FUNDS
All	PTMISEA	PUBLIC TRANS MODERINAZATION IMP AND SERV. ENHANCEMENT ACCT.
All	PVT	PRIVATE FUNDS
All	RED	REDEVELOPMENT FUNDS
All	S-PARK	STATE PARK FUNDS
All	SCE129	SECTION 129 - SURFACE TRANSPORTATION PRIORITIES
All	SEC125	Section 125 - Surface Transportation Priorities
All	SH-TCIF	SHOPP ADVANCE CONSTRUCTION - TCIF
All	SHOPPAC	SHOPP - ADVANCE CONSTRUCTION
All	SHOPPACP	SHOPP AC - PRIOR
All	SHPACMIN	SHOPP ADVANCE CONSTRUCTION (AC) - CT MINOR
All	SLP	STATE LOCAL PARTNER
All	SR2S	SAFE ROUTES TO SCHOOL
All	SRTS	SAFE ROUTE TO SCHOOLS
All	ST-CASH	STATE CASH
All	ST-SPR	PARTNERSHIP PLANNING GRANT
All	STA	STATE TRANSIT ASSIST
All	STA-1B	STATE TRANSIT ASSISTANCE - PROPOSITION 1B FUNDS
All	STA-BLA	STATE BIKE LANE ACCT.
All	STA-PUC	STATE PUC
All	STAL-S	STATE LEGIS - STATE
All	STC-IPPP	STATE CASH - IPP PRIOR
All	STC-RIPP	STATE CASH - RIP PRIOR
All	STCASHCT	STATE CASH - CT MINOR PROGRAM
All	STCASHHM	STATE CASH - HM
All	STCASHI	STATE CASH - IIP
All	STCASHR	STATE CASH - RIP
All	STCASHS	STATE CASH - SHOPP

All	STIM2-S	ECONOMIC STIMULUS II – STATE
All	STIP-AC	STIP Advance Cons
All	STIPACIP	STIP ADVANCE CON - IIP
All	STIPACRP	STIP ADVANCE CON - RIP
All	STP	SURFACE TRANS PROG
All	STP-HM	SURFACE TRANSPORTATION PROGRAM - HM
All	STP-IIP	SURFACE TRANS PROG - IIP
All	STP-RIP	SURFACE TRANS PROG - RIP
All	STP4818	SURFACE TRANS PROG - H.R. 4818
All	STSHOPPP	STATE CASH-SHOPP PRIOR
All	TCIF	TRADE CORRIDOR PROGRAM
All	TCRF	TRAFFIC CONGESTION RELIEF
All	TCSPPP	TRANS AND COMM AND SYS PRESRV PILOT PROG
All	TDA	TDA
All	TDA3	TDA ARTICLE #3
All	TDA4	TDA ARTICLE #4
All	TDA4.5	TDA ARTICLE #4.5
All	TDA8	TDA ARTICLE #8
All	TIFIA	TRANSPORTATION INFRASTRUCTURE FINANCE & INNOVATION ACT
All	TIGER	TIGER DISCRETIONARY GRANT
All	TIGGER	TRANSIT INVESTMENT FOR GREENHOUSE GAS AND ENERGY REDUCTION
All	TLSP	TRAFFIC LIGHT SYNCHRONIZATION PROGRAM
All	TPD	TRANS PLNG AND DEV
All	TRA FEE	TRAFFIC IMPACT FEES
All	TSSDR	TRANSIT SYSTEM SAFETY, SECURITY, AND DISASTER RESPONSE ACCOUNT
All	UNIV	STATE UNIVERSITY
IMP	LBSRA	LOCAL BRIDGE SEISMIC RETROFIT ACCOUNT
IMP	STCASGI	STATE CASH - GRANDFATHERED IIP
IMP	STCASHP	STATE CASH - PRIOR STIP
IMP	STPACIPP	STIP ADVANCE CON - PIIP
IMP	STPACRPP	STIP ADVANCE CON - PRIP
LA	1103-F	HSR-RAIL - HIGHWAY CROSSING HAZARD
LA	2006EAR	FFY 2006 APPROPRIATIONS EARMARKS
LA	5307LA	LOS ANGELES/LONG BEACH/SANTA ANA URBANIZED AREA
LA	5307LP	LANCASTER/PALMDALE URBANIZED AREA
LA	5307RS	RIVERSIDE/SAN BERNARDINO URBANIZED AREA
LA	5307SC	SANTA CLARITA URBANIZED AREA
LA	5310LA	LOS ANGELES-LONG BEACH-ANAHEIM URBANIZED AREA - EM
LA	5310LP	LANCASTER-PALMDALE URBANIZED AREA - EM
LA	5310SC	SANTA CLARITA URBANIZED AREA - EM
LA	5337LA	LOS ANGELES-LONG BEACH-ANAHEIM URBANIZED AREA - SGR
LA	5337LP	LANCASTER-PALMDALE URBANIZED AREA - SGR
LA	5337RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA
LA	5339LA	LOS ANGELES-LONG BEACH-ANAHEIM URBANIZED AREA - BFG

LA	5339LP	LANCASTER-PALMDALE URBANIZED AREA - BFG
LA	5339RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA - BFG
LA	5339SC	SANTA CLARITA URBANIZED AREA - BFG
LA	CRD	CRD-77J0
LA	DBR	BRIDGE DISCRETIONARY - REPLACEMENT/REHABILITATION
LA	DEMOACE	DEMO - SAFETEA-LU ACE
LA	DS-NH-G	GARVEE DEBT SERVICE PAYMENT
LA	HRCSA	HIGHWAY-RAILROAD CROSSING SAFETY ACCOUNT
LA	IBRC	INNOVATIVE BRIDGE RESEARCH AND CONSTRUCTION PROGRAM
LA	IM-EAR	INTERSTATE MAINTENANC - EARMARK
LA	LBSRA	LOCAL BRIDGE SEISMIC RETROFIT ACCOUNT
LA	MEA_R	MEASURE R
LA	MR02	MEASURE R 02 - METRO RAIL TRANSIT CAPITAL
LA	MR03	MEASURE R 03 - METROLINK CAPITAL
LA	MR05	MEASURE R 05 - RAIL OPERATIONS
LA	MR15	MEASURE R 15 - LOCAL RETURN
LA	MR20B	MEASURE R 20B - BUS OPERATIONS
LA	MR20H	MEASURE R 20H - HIGHWAY CAPITAL
LA	MR35	MEASURE R 35 - RAIL BUS RAPID TRANSIT CAPITAL
LA	NH-GIIP	NAT'L HWY - GRANDFATHER IIP
LA	NH-GRIP	NAT'L HWY - GRANDFATHER RIP
LA	PC10	PROP "C10" FUNDS
LA	PC20	PROP "C20" FUNDS
LA	PC25	PROP "C25" FUNDS
LA	PC40	PROP "C40" FUNDS
LA	PC5	PROP "C5" FUNDS
LA	PROPA	PROP "A" FUNDS
LA	PROPALR	PROP "A" LOCAL RETURN
LA	PTA	PUBLIC TRANSIT ACCT
LA	PTA-IIP	PUBLIC TRANSIT ACCT - IIP
LA	PTA-PRI	PUBLIC TRANSIT ACCT - PRIOR STIP
LA	PTA-RIP	PUBLIC TRANSIT ACCOUNT - RIP
LA	SC3090	STATE CASH (AB 3090)
LA	SEC112	SECTION 112
LA	SEC115	SECTION 115
LA	SEC330	SECTION 330
LA	STCASHg	STATE CASH - GRNDFTHR RIP
LA	STCASHP	STATE CASH - PRIOR STIP
LA	STCRSP	STATE CASH - PRIOR RETROFIT SOUNDWALL PROGRAM
LA	STIPPRI	STIP PRIOR
LA	STP-GI	STP-GRANDFATHER IIP
LA	STP-GR	STP-GRANDFATHER RIP
LA	STPACIPP	STIP ADVANCE CON-PIIP
LA	STPACRPP	STIP ADVANCE CON-PRIP

LA	STPE-P	STP-ENTRANCEMENT PRIOR STIP
LA	STPE-SH	STP ENHANCE-SHOPP TEA
ORA	1103-F	HSR-RAIL-HIGHWAY CROSSING HAZARD
ORA	2006EAR	FFY 2006 APPROPRIATIONS EARMARKS
ORA	5307LA	LOS ANGELES/LONG BEACH/SANTA ANA URBANIZED AREA
ORA	5307MV	MISSION VIEJO URBANIZED AREA
ORA	5307RS	RIVERSIDE/SAN BERNARDINO URBANIZED AREA
ORA	5310MV	MISSION VIEJO URBANIZED AREA - EM
ORA	5337MV	MISSION VIEJO URBANIZED AREA - SGR
ORA	5339LA	LOS ANGELES-LONG BEACH-ANAHEIM URBANIZED AREA - BFG
ORA	5339MV	MISSION VIEJO URBANIZED AREA - BFG
ORA	5339RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA - BFG
ORA	HRCSA	HIGHWAY-RAILROAD CROSSING SAFETY ACCOUNT
ORA	LBSRA	LOCAL BRIDGE SEISMIC RETROFIT ACCOUNT
ORA	ORA-BCK	ORANGE M - TURNBACK
ORA	ORA-FWY	ORANGE M - FREEWAY
ORA	ORA-GMA	ORANGE M - GMA
ORA	ORA-IIP	ORANGE M - IIP
ORA	ORA-PAH	ORANGE M - MPAH
ORA	ORA-RIP	ORANGE M - REG I/C
ORA	ORA-SIP	ORANGE M - SIGNALS
ORA	ORA-SSP	ORANGE M - SMARTST
ORA	ORA-TDM	ORANGE M - TDM
ORA	ORA-TRN	ORANGE M - TRANSIT
ORA	ORAFWY2	ORANGE M2 - FREEWAY
ORA	ORAM2RC	ORANGE CO. MEASURE M2 - REGIONAL CAPACITY
ORA	ORAM2SS	ORANGE CO. MEASURE M2 - SIGNAL SYNCHRONIZATION
ORA	ORAM2TR	ORANGE CO. MEASURE M2 - TRANSIT
ORA	PTA	PUBLIC TRANSIT ACCT
ORA	PTA-IIP	PUBLIC TRANSIT ACCT - IIP
ORA	PTA-PRI	PUBLIC TRANSIT ACCT - PRIOR STIP
ORA	PTA-RIP	PUBLIC TRANSIT ACCOUNT - RIP
ORA	SC3090	STATE CASH (AB 3090)
ORA	SEC115	SECTION 115
ORA	STCASHP	STATE CASH - PRIOR STIP
ORA	STPACIPP	STIP ADVANCE CON-PIIP
ORA	STPACRPP	STIP ADVANCE CON-PRIP
ORA	STPE-P	STP-ENTRANCEMENT PRIOR STIP
ORA	STPE-PR	STP ENHANCE-PRIOR RIP TEA
ORA	XORA	MEASURE M
RIV	1103-F	HSR-RAIL-HIGHWAY CROSSING HAZARD
RIV	2006EAR	FFY 2006 APPROPRIATIONS EARMARKS
RIV	5307IC	INDIO-CATHEDRAL CITY URBANIZED AREA
RIV	5307LA	LOS ANGELES/LONG BEACH/SANTA ANA URBANIZED AREA

RIV	5307MT	MURRIETA-TEMECULA-MENIFEE URBANIZED AREA
RIV	5307RS	RIVERSIDE/SAN BERNARDINO URBANIZED AREA
RIV	5310IC	INDIO-CATHEDRAL CITY URBANIZED AREA - EM
RIV	5310MT	MURRIETA-TEMECULA-MENIFEE URBANIZED AREA - EM
RIV	5310RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA - EM
RIV	5337RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA
RIV	5339IC	INDIO-CATHEDRAL CITY URBANIZED AREA - BFG
RIV	5339LA	LOS ANGELES -LONG BEACH-ANAHEIM URBANIZED AREA - BFG
RIV	5339MT	MURRIETA-TEMECULA-MENIFEE URBANIZED AREA - BFG
RIV	5339RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA - BFG
RIV	ADCONST	LOCAL - ADVANCED CONSTRUCTION
RIV	CMAQ-AC	CMAQ-ADVANCE CONSTRUCTION
RIV	DEMOACE	DEMO - SAFETEA LU ACE
RIV	DS-NH-G	GARVEE DEBT SERVICE PAYMENT
RIV	ERV TUMF	EASTERN RIV TUMF
RIV	GRV-NH	NATIONAL HIGHWAY SYSTEM (GARVEE)
RIV	GRV-STP	SURFACE TRANS PROG - GARVEE
RIV	IM-SHOP	INTERSTATE MAINTENANC-SHOPP
RIV	LBSRA	LOCAL BRIDGE SEISMIC RETROFIT ACCOUNT
RIV	NH-GIIP	NAT'L HWY - GRANDFATHER IIP
RIV	NH-GRIP	NAT'L HWY - GRANDFATHER RIP
RIV	PTA-IIP	PUBLIC TRANSIT ACCT - IIP
RIV	PTA-RIP	PUBLIC TRANSIT ACCOUNT - RIP
RIV	SC3090	STATE CASH (AB 3090)
RIV	SEC115	SECTION 115
RIV	STCASHP	STATE CASH - PRIOR STIP
RIV	STP-GI	STP-GRANDFATHER IIP
RIV	STP-GR	STP-GRANDFATHER RIP
RIV	STPACIPP	STIP ADVANCE CON - PIIP
RIV	STPACRPP	STIP ADVANCE CON - PRIP
RIV	WRVTUMF	WESTERN RIV TUMF
RIV	XRIV	RIV CO SALES TAX
SBD	1103-F	HSR-RAIL-HIGHWAY CROSSING HAZARD
SBD	2006EAR	FFY 2006 APPROPRIATIONS EARMARKS
SBD	5307LA	LOS ANGELES/LONG BEACH/SANTA ANA URBANIZED AREA
SBD	5307RS	RIVERSIDE/SAN BERNARDINO URBANIZED AREA
SBD	5310RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA - EM
SBD	5310VH	VICTORVILLE-HESPERIA URBANIZED AREA - EM
SBD	5337LA	LOS ANGELES-LONG BEACH-ANAHEIM URBANIZED AREA - SGR
SBD	5337RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA
SBD	5339LA	LOS ANGELES-LONG BEACH-ANAHEIM URBANIZED AREA - BFG
SBD	5339RS	RIVERSIDE-SAN BERNARDINO URBANIZED AREA - BFG
SBD	5339VH	VICTORVILLE-HESPERIA URBANIZED AREA
SBD	CMAQ-AC	CMAQ-ADVANCE CONSTRUCTION

SBD	DBR	BRIDGE DISCRETIONARY - REPLACEMENT/REHABILITATION
SBD	FEMA	FEMA
SBD	IM-SHOP	INTERSTATE MAINTENANC - SHOPP
SBD	LBSRA	LOCAL BRIDGE SEISMIC RETROFIT ACCOUNT
SBD	OES	OFFICE OF EMERGENCY SERVICES
SBD	PNRSAC	ADV CONSTR. PROJECTS OF NAT'L AND REG'L SIGNIFICANCE
SBD	PTA-IIP	PUBLIC TRANSIT ACCT - IIP
SBD	PTA-RIP	PUBLIC TRANSIT ACCOUNT - RIP
SBD	SC3090	STATE CASH (AB 3090)
SBD	SEC112	SECTION 112
SBD	SEC115	SECTION 115
SBD	SEC117	SECTION 117
SBD	SEC330	SECTION 330
SBD	STCASHP	STATE CASH - PRIOR STIP
SBD	STPACIPP	STIP ADVANCE CON - PIIP
SBD	STPACRPP	STIP ADVANCE CON - PRIP
SBD	STPE-PR	STP ENHANCE-PRIOR RIP TEA
SBD	XSBD	SBD CO MEASURE I
VAR	1103-F	HSR-RAIL-HIGHWAY CROSSING HAZARD
VAR	STPACIPP	STIP ADVANCE CON - PIIP
VAR	STPACRPP	STIP ADVANCE CON - PRIP
VEN	1103-F	HSR-RAIL-HIGHWAY CROSSING HAZARD
VEN	5310OX	OXNARD URBANIZED AREA - EM
VEN	5310TO	THOUSAND OAKS URBANIZED AREA - EM
VEN	5337OX	OXNARD URBANIZED AREA - SGR
VEN	5337TO	THOUSAND OAKS URBANIZED AREA - SGR
VEN	5339OX	OXNARD URBANIZED AREA - BFG
VEN	5339TO	THOUSAND OAKS URBANIZED AREA - BFG
VEN	PTA-RIP	PUBLIC TRANSIT ACCOUNT - RIP
VEN	SEC115	SECTION 115
VEN	STCASHP	STATE CASH - PRIOR STIP
VEN	STPACIPP	STIP ADVANCE CON - PIIP
VEN	STPACRPP	STIP ADVANCE CON - PRIP
VEN	STPE-P	STP-ENTRANCEMENT PRIOR STIP
VEN	STPE-S	STP ENHANCE-SHOPP TEA

VI. Financial Plan

A. Financial Plan Required Documentation

The Infrastructure Investment and Jobs Act (IIJA) requires that FTIPs conform to section (i) of 23 CFR Part 450.326 which states that “financial constraint shall be demonstrated and maintained by year and shall include sufficient financial information to demonstrate which projects are to be implemented using current and/or reasonably available revenues, while federally supported facilities are being adequately operated and maintained.” The county transportation commissions must also certify that projects that are under their programming responsibility are in priority order as required by federal law. Unless otherwise specified, this means all projects in the first year for each specific program are first priority for funding, projects in the second year are second priority, projects in the third year are third priority, and those in year four have fourth priority.

In air quality non-attainment or maintenance areas, projects included in the first two years of the FTIP shall be limited to those for which funds are “available or committed.” Available or committed revenue sources are those sources currently being used for transportation investments. These could include any federal, state, and local revenues, or other revenue streams (i.e. farebox advertising, tolls, etc.) Also, project priority must be given to the implementation of Transportation Control Measures (TCMs).

For STIP projects, the assumption of this guidance is that projects currently in the first four years of the SCAG FTIP which are in the approved STIP will be constructed unless the applicable county takes a formal action to remove them from the program. It is necessary for the county transportation commission to “prove” funding is available for projects in the first four years of the STIP, and that projects remain a high priority for the county.

Additionally, 23 CFR Part 450.326 states that all TIP financial plans must base their revenue and cost estimates on year of expenditure dollars. The Code of Federal Regulations states that, “revenue and cost estimates for the TIP must use an inflation rate(s) to reflect “year of expenditure dollars,” based on reasonable financial principles and information, developed cooperatively by the MPO, State(s), and public transportation operator(s).” Thus, whenever county transportation commissions are programming projects in the FTIP, it must be based on year of expenditure dollars.

The county transportation commissions must each submit a financial plan that documents all financial resources from public (federal, state, and local) and private sources that will fund projects in their respective county TIPs along with the financial resolution certification presented on page 32 of these Guidelines. The financial plan must demonstrate that funding in the first two years of the county TIPs is available or committed, and that funding in years three through six are reasonably available. Programmed amounts by year should not exceed amounts listed in the revenue tables provided below for each funding source.

The county transportation commissions must also demonstrate they have the local funding capacity to cover costs of matching federal and state funds as required.

The Financial Plans due with each county TIP shall provide all information necessary for SCAG to create a region-wide Financial Plan for the 2027 SCAG FTIP. The Financial Plan is comprised of the following items (all due to SCAG with county TIPs):

1. **General Statement of Compliance:** A statement indicating compliance with requirements explained in chapter VI section A (on previous page). This statement can be provided as part of the cover letter and/ or the certifying Resolution. It should include a discussion of special circumstances such as potential impacts and any innovative financing techniques to finance needed projects and programs, including value capture, tolls, and congestion pricing.

2. **Resolution from Policy Board:** A financial resolution adopted by the policy board is required as part of the Financial Plan. The Resolution is the certification from the county transportation commission to SCAG that projects and funding listed in county TIPs in the first two years are available and committed, and reasonably available in years three to six. A sample resolution is provided on page 32 of these Guidelines.

3. **Revenue and Programmed Amounts Worksheets:** Funding agencies require that the FTIP and amendments to the FTIP include a worksheet of revenues and programmed amounts by fund source for the first four years. The table to be completed by the county transportation commissions in the SCAG eFTIP Database is used for the required Caltrans' worksheet (Financial Plan). For 2027 FTIP Amendments, the county transportation commissions should include a brief explanation in the Comments cell if there is **any** change in the revenues and send the appropriate documentation to SCAG to back up the explanation for the revenue change. Any over-programming should have a justification with backup documentation sent to SCAG electronically. Fund sources in the following tables are subject to change. FHWA/Caltrans is working on a revised Revenue and Expenditure Worksheet. It will be transmitted upon availability.

4. **Revenue Cover Memo (as necessary):** A cover memo explaining the rationale and assumptions for the revenue fund sources. Some, but not all, of the fund sources that need an explanation for the derivation of revenues include local sales tax revenues, Transportation Development Act funds, and FTA 5307 funds (specifically carry over funds). Additionally, the cover memo also needs to explain what programming activities are anticipated to take place in the fiscal years 2026-2027 and 2027-2028. An example of programming activities includes a call for projects or formula distributions of certain fund sources within the county.

5. **CTC Financial Constraints Report:** As in the previous FTIP submittal process, the financial plan, or financial constraints report, is now entered directly in the SCAG eFTIP Database. Counties can have a different set of previous and current amendments to enter financial plan data and run financial plan reports, where applicable.

- The CTC financial constraints report displays a table of columns of the first four fiscal years of the current FTIP.
- These are further divided by revenue, programmed, and balance columns.
- The rows of the table show each fund type. Each fund type is a link showing which projects are programmed with that fund type.
- County transportation commissions can use the "Manage CTC Revenues by Fund Source" function under "Admin Reports" in eFTIP to change revenue amounts for each fund source.

Screens from the SCAG eFTIP Database are included in the new eFTIP Database User Guide. As mentioned in the previous chapter, the eFTIP Database User Guide can be accessed from the eFTIP Database home page at: <https://eftip.scag.ca.gov/secure/login.asp>. Once logged in, click on "Other Tools", then select "Help / Tutorials" for data entry instructions.

6. **Consideration for Innovative Financing:** County transportation commissions are encouraged to submit any considerations/recommendations as may be applicable, for the use of innovative financing techniques to finance needed projects and programs, including value capture, tolls, and congestion pricing.

B. Capital and Operating Revenue & Expense Budgets for Major Bus and Rail Operators

County transportation commissions **must** submit revenue and expense budgets for the first four years of county TIPs for major rail and bus operators (including the Southern California Regional Rail Authority) as part of the Financial Plan for the 2027 FTIP package.

Information should be submitted for the following transit operators:

- **ICTC:** None
- **LACMTA:** AVTA, MTA, Access, Foothill Transit, Gardena Transit, LADOT, Long Beach Transit, Montebello Transit, Norwalk Transit, Santa Clarita Transit, Santa Monica Transit, and Torrance Transit.
- **OCTA:** OCTA
- **RCTC:** Sunline, RTA
- **SBCTA:** Omnitrans, MARTA & Victor Valley Transit
- **VCTC:** Simi Valley Transit, Gold Coast Transit & VCTC
- **SCRRA:** Metrolink

A sample revenue and expense table for transit operators is provided on the next page. Projected funding for the Federal Transit Administration Formula Funds should be consistent with the revenue estimates on page 152 of these Guidelines. If a revenue and expense budget reflects a shortfall, the county should inform SCAG staff prior to their formal county TIP submittal. In addition, the county TIP is to include documentation explicitly outlining steps that will be taken to address the financial shortfall.

Revenues

Revenue (List Funds)	FIRST 4-YEARS				Total Revenue (1 st 4-yrs)	Comments
	FY26/27	FY27/28	FY28/29	FY29/30		
Revenue Total						

Expenditures

Expenditures (List Types)	FIRST 4-YEARS				Total Expenditures (1 st 4-yrs)	Comments
	FY26/27	FY27/28	FY28/29	FY29/30		
Operating						
Capital						
Expenditures Total						

C. SCAG Financial Plan Forecast/Revenue Estimates

Programming levels for each year should be consistent with the estimates provided in this chapter. Any deviation from these estimates should be documented and provided with the financial plan.

CMAQ and STBG estimated apportionments for the first four years of the 2027 FTIP are based on Caltrans' estimates and are expected to be available in Fall 2025. (see tables starting on the next page)

Revenue estimates for all funding sources are available in the tables provided on the following pages. The estimates come from the SCAG Financial Plan forecast for the Connect SoCal 2024. The figures should be utilized by the counties as the basis for the projected revenue in the Financial Plans.

If a county transportation commission does not concur with the SCAG forecasts, the county may submit the methodology the county transportation commission used and work with the appropriate SCAG staff to resolve any critical differences. Once both agencies come to an agreement, they will need to submit the methodology as part of the Financial Plan documentation.

SCAG has incorporated many assumptions made by each county transportation commission in developing the estimates and utilized several sources to provide a basis for the revenue including documents provided by Transit agencies, historical revenue data collected and reported by local and state agencies, growth forecasts and adopted publications from the CTC. For STIP funding projections, please refer to the 2026 STIP Fund Estimate which will be available in the summer of 2025. A \$0 listed in the tables below does not mean that the county is accepting or expecting zero funding for that funding category but rather is only an estimate based on program balances, adopted programs and information provided by the counties. SCAG's estimates do not include locally bonded funds. Each county must include all bonding funds in their financial plan documentation.

Note: Totals in the tables on the following four pages may not add-up due to rounding.

SCAG FINANCIAL FORECAST

(\$Million, Inflated)

Local Sources

TDA						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$11.06	\$11.63	\$12.24	\$12.87	\$13.54	\$14.24
Los Angeles	\$607.10	\$627.22	\$648.01	\$669.49	\$691.67	\$714.60
Orange	\$247.56	\$256.07	\$264.88	\$273.99	\$283.41	\$293.15
Riverside	\$184.49	\$193.73	\$203.20	\$212.90	\$222.80	\$232.89
San Bernardino	\$156.45	\$161.32	\$166.39	\$172.73	\$179.32	\$187.05
Ventura	\$53.93	\$55.92	\$57.98	\$60.12	\$62.34	\$64.63
TOTAL	\$1,260.58	\$1,305.89	\$1,352.70	\$1,402.09	\$1,453.07	\$1,506.57

Local Sales Tax						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$25.45	\$26.77	\$28.16	\$29.62	\$31.16	\$32.78
Los Angeles	\$5,167.32	\$5,360.52	\$5,556.39	\$5,745.61	\$5,889.31	\$6,027.17
Orange	\$518.73	\$534.74	\$552.45	\$570.18	\$588.64	\$608.74
Riverside	\$346.38	\$363.73	\$381.52	\$399.72	\$418.30	\$437.25
San Bernardino	\$272.73	\$281.22	\$290.06	\$301.12	\$312.60	\$326.08
Ventura	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$6,330.61	\$6,566.98	\$6,808.58	\$7,046.25	\$7,240.01	\$7,432.03

Farebox						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$1.16	\$1.20	\$1.24	\$1.29	\$1.33	\$1.38
Los Angeles	\$572.99	\$593.47	\$614.68	\$636.64	\$659.40	\$682.96
Orange	\$105.28	\$109.04	\$112.94	\$116.98	\$121.16	\$125.49
Riverside	\$31.72	\$32.86	\$34.03	\$35.25	\$36.51	\$37.81
San Bernardino	\$38.93	\$40.33	\$41.77	\$43.26	\$44.81	\$46.41
Ventura	\$13.20	\$13.68	\$14.17	\$14.67	\$15.20	\$15.74
TOTAL	\$763.29	\$790.57	\$818.82	\$848.08	\$878.39	\$909.78

State Sources

STA						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$2.44	\$2.55	\$2.67	\$2.79	\$2.92	\$3.05
Los Angeles	\$290.96	\$304.25	\$318.15	\$332.68	\$347.87	\$363.76
Orange	\$53.44	\$55.88	\$58.44	\$61.10	\$63.90	\$66.81
Riverside	\$35.32	\$36.93	\$38.62	\$40.38	\$42.23	\$44.16
San Bernardino	\$32.57	\$34.06	\$35.62	\$37.24	\$38.94	\$40.72
Ventura	\$12.29	\$12.85	\$13.44	\$14.05	\$14.69	\$15.36
TOTAL	\$427.03	\$446.53	\$466.92	\$488.25	\$510.55	\$533.87

SHOPP						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$4.80	\$5.03	\$5.27	\$5.52	\$5.78	\$6.05
Los Angeles	\$680.75	\$713.16	\$747.11	\$782.69	\$819.95	\$858.99
Orange	\$211.54	\$221.61	\$232.17	\$243.22	\$254.80	\$266.93
Riverside	\$309.25	\$323.98	\$339.40	\$355.56	\$372.49	\$390.23
San Bernardino	\$226.18	\$236.95	\$248.23	\$260.05	\$272.43	\$285.40
Ventura	\$132.52	\$138.83	\$145.45	\$152.37	\$159.62	\$167.22
TOTAL	\$1,565.04	\$1,639.56	\$1,717.62	\$1,799.40	\$1,885.08	\$1,974.83

ATP						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$0.15	\$0.16	\$0.16	\$0.17	\$0.18	\$0.18
Los Angeles	\$80.01	\$82.95	\$86.00	\$89.17	\$92.45	\$95.85
Orange	\$13.85	\$14.36	\$14.89	\$15.44	\$16.00	\$16.59
Riverside	\$15.52	\$16.10	\$16.69	\$17.30	\$17.94	\$18.60
San Bernardino	\$7.77	\$8.05	\$8.35	\$8.66	\$8.97	\$9.30
Ventura	\$3.32	\$3.44	\$3.57	\$3.70	\$3.83	\$3.98
TOTAL	\$120.62	\$125.06	\$129.66	\$134.43	\$139.37	\$144.50

Federal Sources

FTA Formula						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$4.2	\$4.2	\$4.1	\$4.0	\$4.0	\$3.9
Los Angeles	\$479.8	\$473.4	\$467.1	\$460.9	\$454.8	\$448.8
Orange	\$102.0	\$100.7	\$99.4	\$98.0	\$96.7	\$95.5
Riverside	\$51.6	\$50.9	\$50.2	\$49.6	\$48.9	\$48.3
San Bernardino	\$53.4	\$52.7	\$52.0	\$51.3	\$50.6	\$49.9
Ventura	\$31.9	\$31.4	\$31.0	\$30.6	\$30.2	\$29.8
TOTAL	\$722.9	\$713.3	\$703.8	\$694.5	\$685.3	\$676.2

FTA Discretionary						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Los Angeles	\$342.1	\$337.6	\$333.1	\$328.7	\$324.3	\$320.0
Orange	\$25.2	\$24.8	\$24.5	\$24.2	\$23.9	\$23.5
Riverside	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
San Bernardino	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Ventura	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
TOTAL	\$367.3	\$362.4	\$357.6	\$352.9	\$348.2	\$343.6

Other Federal						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Imperial	\$1.5	\$1.5	\$1.5	\$1.4	\$1.4	\$1.4
Los Angeles	\$98.3	\$97.0	\$95.2	\$94.0	\$92.7	\$91.5
Orange	\$10.0	\$9.9	\$9.8	\$9.6	\$9.5	\$9.4
Riverside	\$14.0	\$13.8	\$13.7	\$13.5	\$13.3	\$13.1
San Bernardino	\$10.9	\$10.8	\$10.7	\$10.5	\$10.4	\$10.2
Ventura	\$2.8	\$2.7	\$2.7	\$2.7	\$2.6	\$2.6
TOTAL	\$137.6	\$135.8	\$133.5	\$131.7	\$130.0	\$128.2

* If the Carbon Reduction Program is reauthorized, SCAG will provide the apportionment estimates for federal fiscal year 2026-27 and beyond when available.

CMAQ						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
SCAG Region	\$312.77	\$318.98	\$0	\$0	\$0	\$0

STBG*						
Year	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
SCAG Region	\$340.83	\$330.96	\$0	\$0	\$0	\$0

* Includes repayment of STBG apportionment loan of \$27.00 in FY 2027 and \$10.00 in FY 2028.

VII. Amendments and Administrative Modifications

Due to the rapidly changing nature of transportation projects within the SCAG region, FTIP Amendments and FTIP Administrative Modifications will be scheduled on a monthly basis alternatively. An updated amendment/administrative modification schedule will be distributed prior to federal approval of the 2027 FTIP (expected to be in December 2026). County transportation commissions are expected to adhere to the deadlines specified in the FTIP Amendments and FTIP Administrative Modifications Schedule and provide all of the necessary documents required in an FTIP Amendment/Administrative Modification submittal (see page 160 of this chapter for a description of the documents required for a submittal). If there are any questions or concerns related to project qualification, contact your respective FTIP Analyst to resolve any issues prior to submittal.

The following section discusses how projects may qualify for an administrative modification. If a project does not qualify for an administrative modification based on the section below, the project may be changed in the 2027 FTIP through an FTIP Amendment (subject to modeling and timely implementation requirements being met).

A. FSTIP/FTIP Administrative Modifications and Amendments Procedures

The following procedures are applicable for processing amendments and administrative modifications to the Federal-Statewide Transportation Improvement Program (FSTIP) and the FTIP.

Projects programmed in the FSTIP may be delivered in any of the recognized program years of the FSTIP provided Expedited Project Selection Procedures (EPSPs) have been adopted by the MPOs in accordance with 23 CFR Part 450, and the required interagency consultation or coordination is accomplished and documented. Changing the obligation year of a project using EPSP does not require an administrative modification or an amendment if the change does not require a transportation conformity determination.

1. ADMINISTRATIVE MODIFICATIONS:

An administrative modification is a minor change to the FSTIP/FTIP that does not require a conformity determination, a demonstration of fiscal constraint, public review and comment, or federal approval. Per updated procedures issued on December 18, 2019, the following changes to the FTIP can be processed through administrative modifications:

- i. Revise description of a project or a grouped project listing without changing the project scope or without conflicting with the approved environmental document.
- ii. Revise the description of grouped project listings, as defined in 23 CFR Part 450.326(h), if it is consistent with the Programming Grouped Project Listings in Air Quality Non-Attainment or Maintenance Areas guidance.
- iii. Revise the funding amount listed for a project or a project phase:

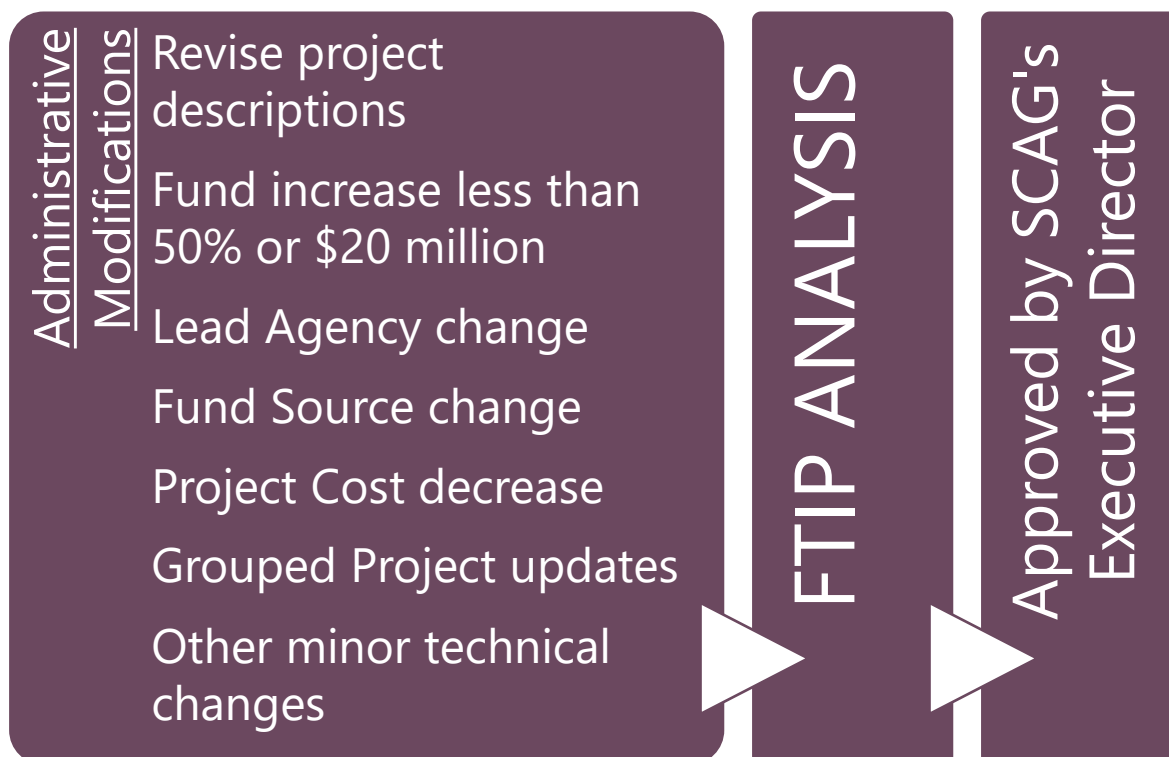
- a. Additional funding is limited to the lesser of 50 percent of the total project cost or project phase, or \$20 million programmed in the quadrennial.
- b. *No limit on adding funds to a grouped project listing. Funding capacity must be available in the FSTIP/FTIP prior to processing programming changes and it must be stated in the supporting documentation. (Note: Updated FTIP financial plans may be requested by Caltrans to validate fiscal constraint if an MPO has processed only administrative modifications for a period of six months or more.)*

Initial Project Cost	New Project Cost	Total Sum Increase	% Change In Cost	% Change < or = 50%	Total Sum Increased Is < or = \$20M	Type of Amendment (Formal or Administrative)
\$1,000,000	\$1,500,000	\$500,000	50%	Yes	Yes	Administrative
\$10,000,000	\$20,000,000	\$10,000,000	1000%	No	Yes	Formal
\$500,000,000	\$510,000,000	\$10,000,000	2%	Yes	Yes	Administrative
\$100,000	\$140,000	\$40,000	40%	Yes	Yes	Administrative
\$400,000	\$1,000,000	\$600,000	150%	No	Yes	Formal
\$2,500,000	\$3,000,000	\$500,000	20%	Yes	Yes	Administrative

- iv. Program Preliminary Engineering (PE) phase, provided the Right of Way and/or Construction phase(s) are already programmed in the current FSTIP/FTIP and additional funding amounts stay within the limits specified in Section iii.
- v. Change source of funds.
- vi. Change a project lead agency.
- vii. Program Federal funds for Advance Construction conversion. Programming capacity must be available in the FSTIP/FTIP prior to programming the conversion.
- viii. Change the program year of funds within the current FSTIP/FTIP provided MPO has adopted EPSP in accordance with 23 CFR Part 450.
- ix. Split or combine an individually listed project or projects, provided that the schedule and scope remain unchanged.
- x. Add or delete a project or projects from a grouped project listing.
- xi. Program emergency repair projects on the state highways as a result of a natural disaster or catastrophic failure from an external cause, and that are not covered by the Emergency Relief Program, provided that these projects are exempt from Air Quality Conformity Requirements.
- xii. Re-program a project for which FHWA funds were transferred to FTA in the prior FSTIP/FTIP and FTA has not approved the grant yet. The project can be programmed in the current FSTIP/FTIP via an administrative modification provided there is no change in the original scope or cost. Program the project using fund type "FTA 5307 (FHWA Transfer Funds)" in the FSTIP/FTIP.
- xiii. Program an FTA funded project from the prior FSTIP/FTIP into the current FSTIP/FTIP provided there is no change in the original scope or cost. Use the project description field

(or "CTIPS MPO Comments" section) to list the year, amount, and type of the prior year funds.

- xiv. Make minor changes to an FTA funded grouped project listing. Minor changes include changing the number of transit vehicles purchased by 20% or less and changing the fuel type of transit vehicles. The MPO must take the change through its interagency consultation procedures to confirm that the change in scope is minor.



2. AMENDMENTS

Amendments are all other modifications to the FSTIP/FTIP that are not included under administrative modifications and shall be approved in accord with the provisions of 23 CFR Part 450.326 for each metropolitan area in the State, and in accord with the provisions of 23 CFR Part 450.216 for the non-metropolitan area.

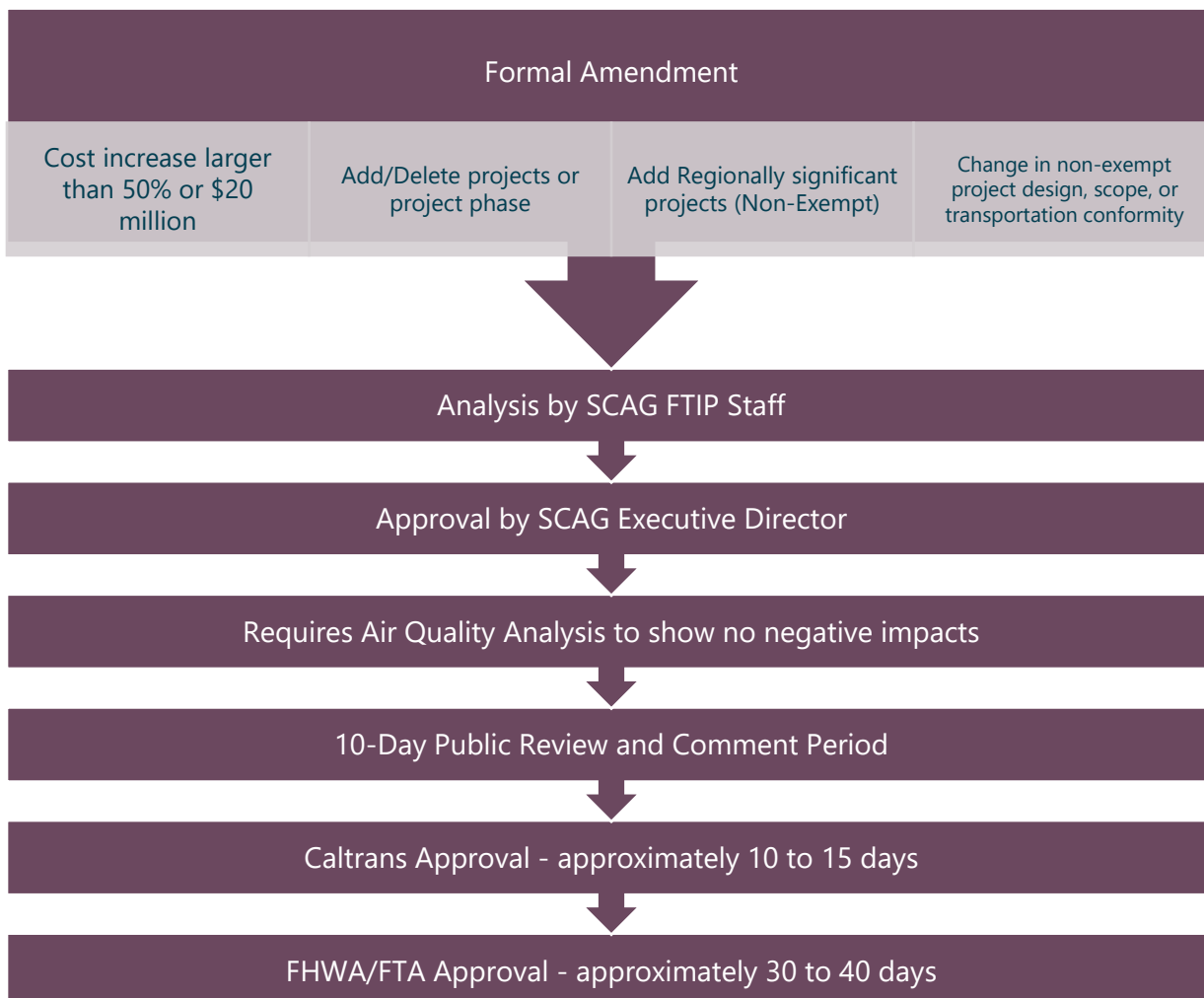
An FTIP Amendment is a revision that involves a major change to the FTIP, such as the addition or deletion of a project, a major change in project cost, the initial addition of either the right-of-way or construction phases into the quad, and or major change to project scope. Scope changes that affect modeling need to go through an RTP/SCS amendment first. An amendment requires a public review period of 10 days, and must also meet the following criteria:

- Changes do not affect the regional emissions analysis.
- Changes do not affect the timely implementation of the Transportation Control Measures. *All completion date changes to Committed TCMs require formal amendment.*
- Changes do not adversely impact financial constraint.
- Changes are consistent with the adopted RTP/SCS.

An FTIP Amendment triggered by an RTP/SCS amendment (consistency amendment) must be approved by SCAG's Regional Council and requires a 30-day public review period.

With the exception of an FTIP adoption or a consistency amendment, SCAG's Executive Director has the authority to approve formal amendments prior to submitting the amendment to Caltrans and FHWA for review and approval.

FTIP Amendment Process Flowchart



3. PROCEDURES

a. Administrative Modifications:

MPOs with approval delegation from Caltrans (including SCAG)

Caltrans may delegate to an MPO's Board the authority to approve administrative modifications. In such a case, no Caltrans approval of administrative modifications is required. If the MPO Board has delegated the authority to the Executive Director to approve administrative modifications, the MPO must provide copies of the delegation to Caltrans, FHWA, and FTA. The MPO must send copies of the approved administrative modification to Caltrans, FHWA, and FTA. Once approved by the MPO, the administrative modification will be deemed part of the FSTIP. The MPO will demonstrate in a subsequent amendment that the net

financial change from each administrative modification has been accounted for. Caltrans will conduct periodic reviews of MPO's administrative modification process to confirm adherence to these procedures. Noncompliance with these procedures will result in revocation of that MPO's delegation.

MPOs without approval delegation from Caltrans

Each MPO's administrative modification will be forwarded to Caltrans Division of Transportation Programming for approval. If the MPO Board has delegated the authority to the Executive Director to sign off on administrative modifications, the MPO must provide copies of the delegation to Caltrans, FHWA, and FTA. The MPO must send copies of the administrative modification to Caltrans, FHWA, and FTA. In addition, the MPO must demonstrate in a subsequent amendment that the net financial change from each administrative modification has been accounted for. Once approved by Caltrans, the administrative modification will be deemed part of the FSTIP since no Federal action is required. Caltrans will notify FHWA and FTA of the approved administrative modification.

(Note: If it is found that an approved administrative modification does not meet the criteria of an administrative modification, FHWA and FTA reserves the right to reject that administrative modification and require a formal amendment.)

b. Amendments:

Amendments to the FSTIP must be developed in accordance with the provisions of 23 CFR Part 450 and approved by FHWA and/or FTA in accordance with 23 CFR Part 450 and the July 15, 2004 MOU between FHWA-California Division and FTA Region 9. Each amendment must be forwarded to Caltrans Division of Transportation Programming for approval on behalf of the Governor. To expedite processing, the MPO will also forward a copy of the submitted amendment to FHWA and FTA at the same time the amendment is sent to Caltrans. Once approved by Caltrans, the amendment will be forwarded to FHWA and/or FTA for federal approval. Once approved by FHWA and/or FTA, the amendment will be deemed part of the FSTIP. The FHWA and/or FTA approval letter and respective Conformity Determination will be addressed to Caltrans, with copies sent to the MPO.

4. CONSULTATION

If a question arises regarding the interpretation of what constitutes an administrative modification or an amendment, Caltrans, the MPO, FHWA and/or FTA will consult with each other to resolve the question. If after consultation the parties disagree, the final decision rests with FTA, for transit projects, and FHWA, for highway projects.

Any exception to these procedures is allowed only through consultation among MPOs, Caltrans, and FHWA/FTA. FTA, for transit projects, and FHWA, for highway Projects, will have the final decision whether such an exception is granted.

5. SUBMITTALS TO SCAG

There are various items that are due to SCAG when submitting county TIPs and FTIP amendments.

A. What is required for the submittal of an Amendment or Administrative Modification:

i. Signed Cover letter with the following language:

- Certifies financial constraint
- Certifies implementation of TCMs

- Certifies categorically exempt projects
- Certifies projects, as amended or modified, are consistent with the approved RTP/SCS
- Pertinent Information
- Summary of changes

ii. Narrative should be an explanation for each project and should include the following:

- Project sponsor
- FTIP Project ID
- Project description
- Route and Post Miles (State Projects only)
- Reason for Change for any changes to funding/fund source: why did it change; why did the project cost increase or decrease; is the project still fully funded; does it have CTC approval; were additional funds obtained; was there a schedule delay, a delay in getting approvals, materials, and/or funding sources; are new projects or programming, etc. being added and if so why and how much?

2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM COUNTY TRANSPORTATION COMMISSION Amendment # Month Year (in \$000's)				CTC
Agency	Project ID	Title/Description	Changes Requested	
LOCAL HIGHWAYS SYSTEM				
2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM COUNTY TRANSPORTATION COMMISSION Amendment # Month Year (in \$000's)				CTC
Agency	Project ID	Title/Description	Changes Requested	
State Highways System				
2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM COUNTY TRANSPORTATION COMMISSION Amendment # Month Year (in \$000's)				CTC
Agency	Project ID	Title/Description	Changes Requested	
Transit System				

iii. Under federal requirements, the FTIP shall include a financial plan that demonstrates how the approved TIP can be implemented (23 CFR Part 450.326(j)). A regional financial plan will be developed by SCAG for each administrative modification and amendment. In order to ensure that the SCAG region has the capacity to fund the FTIP, county transportation commissions should check that their amendment and administrative modification submittals are not overprogrammed.

iv. Back up documentation (i.e.: SHOPP, Fed earmarks, documentation of CTC approval, Grouped Project Listing, Caltrans project listing, etc.) is needed for any changes to the following types of projects:

- Projects with funding that is approved by CTC
- SHOPP and HBP projects
- Projects approved in a Caltrans calls for projects

v. Grouped Project Listings

County transportation commissions are responsible for listing all projects and amounts associated with grouped projects. Detailed back-up listings of grouped projects are due with the county TIP submittals and amendments. Back-up lists are required by Caltrans and FHWA/FTA for approval of the grouped projects in the FTIP and amendments. The project lists and associated cost should match the amounts programmed for the grouped projects. Additional information on projects that can be grouped and submitted as grouped project lists can be found starting on page 78 of these Guidelines.

- Grouped Projects must be exempt
- All programming years, fund sources, and grand totals should match what has been programmed
- Funds should be programmed in the CON phase regardless of project type

vi. Uploads to SCAG eFTIP Database

6. SCAG STAFF REVIEW OF AMENDMENTS AND ADMINISTRATIVE MODIFICATIONS

Below is a summary of the process used by SCAG to analyze FTIP amendments and administrative modifications

- Quick review of amendment submittals to ensure that all components are transmitted by the county transportation commissions
- Confirm that the Regional Financial Plan bottom line is balanced
- County amendment comparison reports are prepared
- FTIP staff analyzes each field that changed in the proposed amendment and checks back-up documentation if applicable
- Staff analyzes the changes to determine what impacts the changes may have on the:
 1. Regional Emissions Analysis
 2. Timely Implementation of Transportation Control Measures
 3. Conformity Determination
- Staff checks for a clear reason for cost increases
- Staff analyzes new projects for a clear project scope and determines if project is:
 1. Exempt from a regional emissions analysis; or,
 2. Project is consistent with the existing conformity determination
 3. Eligible for proposed funding with local match, if required
- Staff analyzes proposed deleted projects to ensure that there is no impact to:
 - Regional Emissions Analysis
 - Timely Implementation of Transportation Control Measures
 - Conformity Determination
- For changes or the addition of new projects, staff determines that the proposed state (STIP, SHOPP, HBP) and/or federal funds are approved by the respective agency
- Staff performs analysis of Regional Financial Plan Summary

- Staff ensure that the county's narrative is consistent with the proposed changes in the eFTIP Database
- FTIP staff coordinates with conformity staff for any projects relying on the existing conformity determination
- FTIP staff coordinates with conformity staff for TCM approval
- Common Problems with conformity determination:
 1. Adding a phase such as ROW or CON in a non-exempt, capacity enhancement project does require a conformity determination
 2. Deleting a phase such as ROW or CON within a non-exempt project does not require a conformity determination.
 3. If a project is programmed beyond the quadrennial and has been modeled, it is considered informational and does not require a conformity determination.
- Products posted on the SCAG website (<https://scag.ecointeractive.com/>) for public review of formal amendments include:
 1. County amendment comparison reports
 2. Conformity determination
 3. Conformity determination project listing
 4. SCAG Regional Financial Summary
 5. Public Notice for 10-day public review

After approval by SCAG, amendments are uploaded to CTIPs for Caltrans review and approval. After Caltrans approval, amendments are forwarded to FHWA and FTA for review and approval. With the E-FSTIP implementation there will not be any state or federal letters. Approval dates in CTIPS constitutes the state and federal approvals.

Administrative Modifications do not require formal posting for public comment/review.

7. PUBLIC PARTICIPATION REQUIREMENTS

The following is a summary of the different types of amendments identified by SCAG and FHWA for the FTIP and the public participation requirements for each amendment type.

Category 1. Administrative Modification

An administrative modification, as defined under MAP 21, includes minor changes to project cost, schedule, scope, or funding sources. Please see the Procedures for Federal Statewide Transportation Program (FSTIP) Administrative Modifications in Section 1 of this chapter for a complete definition of administrative modifications.

Category 2. Formal Amendment – Changes that do not impact the existing conformity determination.

This category of formal amendments may include project cost changes that are greater than 50 percent of the total project cost or project phase, or \$20 million programmed in the quadrennial, whichever is higher. This amendment may also include adding or deleting projects that are exempt from regional emission analyses.

Category 3. Formal Amendment – Relying on the existing Conformity Determination.

This amendment may include adding a project or a project phase to the program. This amendment category consists of projects that are modeled and are included in the regional emissions analysis.

Category 4. Formal Amendment – New Conformity Determination.

This amendment may include adding or deleting projects that are not currently included in the regional emissions analysis nor part of the existing conformity determination. This amendment may involve adding or deleting projects that must be modeled for their air quality impacts: significantly changing the design concept, scope; or schedule of an existing project.

SCAG in consultation, coordination and collaboration with its stakeholders, partners, and interested parties have agreed that the above amendments will be circulated as prescribed in the following table:

Public Hearing - Public Review & Comment Period Requirement

Amendment Category	Public Hearing Requirement	Public Review Period
		# of Days
Category 1. Administrative Modification	n/a	n/a
Category 2. Formal - Changes that do not impact the existing conformity determination	No	10
Category 3. Formal - Relying on existing conformity determination	No	10
Category 4. Formal – Requires a new conformity determination	Yes	30

8. FTIP ADMINISTRATIVE MODIFICATION AND AMENDMENT SCHEDULE

SCAG will continue to process amendments that do not jeopardize the region's conformity. Similar to the 2025 FTIP cycle there will be a monthly 2027 FTIP update for administrative modifications and a bi-monthly amendment. The initial 2027 FTIP schedule will be available in the spring of 2025.



MAIN OFFICE

900 Wilshire Blvd., Ste. 1700
Los Angeles, CA 90017
Tel: (213) 236-1800
www.scag.ca.gov

REGIONAL OFFICES

IMPERIAL COUNTY

1503 N. Imperial Ave., Ste. 104
El Centro, CA 92243
Tel: (213) 236-1967

ORANGE COUNTY

OCTA Building
600 S. Main St., Ste. 1108
Orange, CA 92868
Tel: (213) 630-1599

INLAND EMPIRE

3403 10th St., Ste. 805
Riverside, CA 92501
Tel: (951) 784-1513

VENTURA COUNTY

4001 Mission Oaks Blvd., Ste. L
Camarillo, CA 93012
Tel: (213) 236-1960