



FINAL
OVERALL WORK PROGRAM
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Southern California Association of Governments

Overall Work Program FINAL

Fiscal Year 2021-22

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FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021-2022

SECTION I

Regional Prospectus

REGIONAL PROSPECTUS

SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS

The Southern California Association of Governments (SCAG), founded in 1965, is a Joint Powers Authority under California state law, established as an association of local governments and agencies that voluntarily convene as a forum to address regional issues. Under federal law, SCAG is designated as a Metropolitan Planning Organization (MPO) and under state law serves as the Multicounty Designated Transportation Planning Agency for the six (6) county Southern California region. Through SCAG, city and county governments throughout Southern California come together to develop solutions to common problems in transportation, housing, air quality, and other issues.

Under the guidance of the Regional Council and in collaboration with its partners, SCAG's mission is to foster innovative regional solutions that improve the lives of Southern Californians through inclusive collaboration, visionary planning, regional advocacy, information sharing, and promoting best practices.

SCAG's primary responsibilities include the development of the Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS); the Federal Transportation Improvement Program (FTIP); the annual Overall Work Program (OWP); and transportation-related portions of local air quality management plans. Under the federal Clean Air Act, SCAG is responsible for determining if regional transportation plans and programs are in conformity with the purpose of applicable federal regulations and state air quality plans. SCAG's additional functions include intergovernmental review of regionally significant development projects, and periodic preparation of a Regional Housing Needs Assessment (RHNA).

In addition to the six (6) counties and 191 cities that make up the SCAG region, there are six (6) County Transportation Commissions (CTCs) that hold the primary responsibility for programming and implementing transportation projects, programs and services in their respective counties and five (5) local air districts that are responsible for air quality planning and management within their respective jurisdictions. The agency also operates via a number of critical partnerships at the local, state and federal levels. In addition to its federal and state funding and review partners (Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, California Transportation Commission, California Department of Transportation, California Air Resources Board, etc.), SCAG's planning efforts are closely coordinated with regional transit

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operators, Tribal Governments and fifteen sub-regional Councils of Governments (COGs or Subregions) or joint power agencies that represent SCAG's cities and counties.

INTRODUCTION

This Overall Work Program (OWP) identifies the work which will be accomplished during the fiscal year of July 1, 2021 through June 30, 2022 (FY 2021-22). It discusses the planning priorities, the needs of the region, and the specific programs to meet those needs. It serves as a management tool for SCAG's main governing body, the Regional Council, as well as its policy committees, working groups and staff. It additionally provides local and state agencies a focal point for improving regional coordination and reducing duplication of work efforts at all levels. The work contained in this OWP complies with federal and state requirements, including requirements under the federal Fixing America's Surface Transportation Act (FAST Act) and Moving Ahead for Progress in the 21st Century (MAP-21); and under California State Senate Bill 375 (SB 375). The work contained within this OWP reflects a concentrated focus on the implementation of the 2020 RTP/SCS (Connect SoCal), which includes efforts related to congestion reduction, financial planning, system preservation, and performance monitoring – areas identified as important by SCAG and the U.S. Department of Transportation (U.S. DOT).

I. Significant Regional Characteristics and Issues

Southern California has experienced some of the worst congestion in the country for the past two decades. The region also suffers from the lack of affordable housing. With the regional population expected to grow by nearly four million people by the year 2045, mobility is expected to decline as demands placed on existing transportation infrastructure increase. In order to provide for the mobility needs of the future while continuing to enhance the region's sustainability and economic prosperity, regional solutions and an unprecedented level of regional cooperation will be essential.

Southern California is also a national gateway for trade, with over 40 percent of all international containerized goods entering our regional seaports. More than 70 percent of these goods are destined for other parts of the country. The movement of goods through Southern California's seaports and land ports provides a substantial economic base to the region. Job growth in the

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goods movement sector could replace lost manufacturing jobs as a source of upward social mobility for the nearly 70 percent of the region's adults without a college degree.

While substantial growth in trade is anticipated – including a more than doubling of containerized imports through the San Pedro Bay Ports – the region will be unable to reap the associated economic benefits without sufficient investment in freight infrastructure (i.e., rail, highway, intermodal, airport, and marine facilities). Moreover, significant challenges arising from the growth in trade will require appropriate mitigation of already substantial environmental, public health, and community impacts. Addressing these needs will require new, more flexible financial instruments that combine the best features of public and private sector management, as well as the establishment of new institutional administrative structures.

Southern California also has the worst air quality in the nation. Without an infusion of sufficient funding, the region may not be able to demonstrate attainment of health-based national ambient air quality standards and regional public health and economic growth outcomes may suffer as a result.

Responding to The Pandemic

In FY 2020-21 SCAG engaged in several outreach efforts to learn more from stakeholders about how their communities had been impacted by the pandemic and to learn how Connect SoCal could best be positioned as a tool for recovery and regional resilience. Activities included engagement with regional planning working groups, direct outreach to specific stakeholders, focus groups with community-based organizations (CBOs), a public survey, and a public virtual town-hall.

Certain themes emerged regarding how SCAG should respond to the pandemic and craft an inclusive recovery strategy, which included focusing on Equity & Engagement, Inclusive Economic Recovery, Public Health & Safety, Resilience and Local Capacity Building.

Equity & Engagement

The pandemic has exposed the vastly different lives people lead depending on social structures that are inequitable. Considering the region's known disparities and moved by recent events, on July 2, 2020, SCAG's Regional Council adopted Resolution 20-623-2, affirming its commitment to

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meaningfully advance justice, equity, diversity, and inclusion, and declaring its intent to end racial and social disparities.

Public Health

The pandemic has exposed the persistent inequities that place low-income and communities of color at higher risk to contract and die from COVID-19. Although healthcare is often the first thing people think of when it comes to health, it only drives about 10-20 percent of health outcomes.

Transportation Safety

Since the start of the pandemic, many communities have reconsidered how public space is allocated and several have prioritized opening-up streets to pedestrians and bicyclists in order to make it easier to physically distance from others while traveling to essential businesses and work and engaging in recreation.

Inclusive Economic Recovery

In FY2020-21 SCAG began the process of developing an inclusive economic recovery strategy that will build consensus around a set of regional priorities to help businesses, public agencies, and communities improve their economic viability with immediate and long-term recommendations. As it did after the 2008 recession SCAG will focus on economic recovery, and how the region can come together to secure funding for job creating transportation and housing.

Regional Resilience

The challenges our region will face in meeting ambitious near- and long-term regional goals are increasingly difficult to predict, as the COVID-19 pandemic has proven. SCAG's Regional Resilience Framework will initiate a collaborative exploratory scenario planning process to explore pressing issues and potential disruptions to Southern California, such as pandemics, earthquakes, extreme weather, and economic shocks. SCAG's ongoing Climate Adaptation Framework project will identify pathways for developing future regional and local plans, and investments that support resilience given our region's heightened vulnerability to extreme heat, wildfires, drought, and rising sea levels.

Local Capacity Building

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SCAG continues to develop many of its local planning support programs and initiatives to build local capacity through its investment in relationship building with community-based organizations (CBOs). Through this commitment to community-led strategies, SCAG will prioritize equity through social and racial justice strategies. SCAG will continue to deploy local technical assistance and engagement resources that support local planning and build local community capacity to secure resources and implement plans.

II. Regional Transportation Needs, Planning Priorities and Goals

As part of the annual budget development planning process, SCAG has an obligation to incorporate the federal planning factors identified in MAP-21/FAST Act for the development and implementation of regional transportation planning activities where federal funding is involved. The federal planning factors identified in the legislation are:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
2. Increase the safety of the transportation system for motorized and non-motorized users.
3. Increase the security of the transportation system for motorized and non-motorized users.
4. Increase the accessibility and mobility of people and for freight.
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.
7. Promote efficient system management and operation.
8. Emphasize the preservation of the existing transportation system.
9. Improve resiliency and reliability of the transportation system and reduce or mitigate storm water and reduce or mitigate storm water impact of surface transportation.
10. Enhance travel and tourism.

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III. How Needs, Priorities and Goals are Addressed in the Work Elements

A. Goods Movement

SCAG's goods movement program integrates freight transportation strategies and policies into regional transportation planning. SCAG continues to work with diverse transportation stakeholders to build support for a comprehensive program of investment in freight infrastructure and associated emissions reductions as reflected in Connect SoCal.

Recent research initiatives have included:

- Evaluation and analysis of the regional goods movement system (including an assessment of last mile deliveries to better gauge intra-regional movement of freight and challenges associated with last mile deliveries)
- Recommendations for potential application of new technologies and operational strategies
- Assessment of path forward for the advancement of zero emission technologies

In FY 2020-21, SCAG continued efforts to refine and support the implementation of strategies developed through the Comprehensive Regional Goods Movement Plan and Implementation Strategy and reflected updates in the Connect SoCal. SCAG also participated in efforts to develop state and national freight plans and associated freight network designation processes. In FY 2020-21, SCAG will continue to advance efforts that promote the efficient movement of goods through the region and provide effective environmental mitigation.

In FY 2020-21, SCAG initiated efforts to launch its Curb Space Management Study, building on the previous year's Last Mile Delivery Study, to develop an understanding of current last-mile freight delivery conditions along with other competing curb space uses, highlighting best practices, assessing the feasibility of various solutions, and providing pragmatic recommendations to address existing and future delivery challenges that can be applied throughout the region. Complementary initiatives in FY 2020-21 include the release of SCAG's Sustainable Communities Program (SCP) Call-for-Applications focused on Smart Cities and Mobility Innovations. Additionally, SCAG launched its Last Mile Freight Program, funded in partnership with the Mobile Source Air Pollution Reduction Committee (MSRC). The LMFP is a grant program focusing on the

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commercial deployment of zero-emission (ZE) or near-zero emission (NZE) heavy- and/or medium-duty on road trucks (including ZE/NZE equipment and supporting infrastructure).

SCAG also collaborated closely with regional stakeholders to provide input into state and federal grant processes. Specifically, SCAG coordinated responses to competitive federal and state discretionary grant funding opportunities.

SCAG also continued to support the aims of the Southern California National Freight Gateway Collaboration, a group comprised of key local, regional, state, and federal representatives formed to address infrastructure, environmental, and community quality of life challenges presented by the unprecedented growth in goods movement.

Continuing through FY 2021-22, SCAG will support ongoing analyses of last mile delivery strategies, working in coordination with partner agencies and private sector stakeholders to test pilot initiatives that enable greater efficiencies while reducing emissions.

SCAG will also continue its efforts to complete an integrated passenger and freight rail forecast—assessing physical and operational constraints, use agreements, and planned capacity improvements for regional rail facilities. SCAG will also initiate work focused on diverse goods movement issues, including approaches for integrating clean fuels technology including a study focused on developing a regional blueprint for medium- and heavy-duty truck zero-emission support infrastructure, and other mitigations for neighborhood truck intrusions in port-adjacent disadvantaged and Environmental Justice (EJ) communities.

B. Congestion Reduction

The existing congestion problems experienced in the region today are only expected to worsen due to projected growth in population and travel demand. Consequently, SCAG has engaged in a number of regional initiatives to identify strategies to manage congestion.

In 2010 and 2011, SCAG partnered with Caltrans to complete Corridor System Management Plans (CSMPs) that rely on a comprehensive performance analysis of congestion data to identify traffic bottlenecks, and the development of complex micro-simulation models to simulate corridor traffic. Using information from this analysis, the CSMPs identify near- and mid-term operational strategies to improve mobility, reliability, productivity, and safety. In FY 2018-19, SCAG completed the I-105 Corridor Sustainability Study (CSS) a comprehensive multi-modal corridor study that

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examines the I-105 study area from a broad multi-modal perspective. The I-105 CSS assessed freeway and arterial congestion and identified additional corridor improvements, such as complete streets concepts, high occupancy vehicle (HOV) lanes, express lanes, and other advanced operational strategies. The I-105 CSS recommends solutions that would improve air quality, system connectivity and efficiency, and reduce emissions, traffic congestion and improve safety. The I-105 CSS will be a resource to develop local resources and build upon previous transportation efforts to create an integrated transportation system within and along the I-105 corridor.

A poorly maintained transportation system impedes traffic flow and creates unsafe condition for system users. SCAG's Regional Council recognizes this fact and continues to support greater commitments to system preservation in Connect SoCal. To make progress on this commitment, SCAG initiated an effort in FY 2013-14 to develop a comprehensive database and monitor the condition of our transportation assets to better manage these assets over the long haul and recommended needed adjustments to the broader policies related to system preservation in the 2016 RTP/SCS. In FY 2017-18, SCAG made significant progress on this important effort by analyzing the costs associated with transportation system preservation and achieving a state of good repair. The results of this effort have been incorporated in Connect SoCal, thus reaffirming SCAG's commitment to system preservation and resilience from natural as well as man-made causes.

In FY 2008-09, SCAG initiated a multi-year study to evaluate congestion pricing alternatives and their applicability in the SCAG region, conduct extensive public outreach and market analysis, and develop a financial plan and implementation strategy for a pilot initiative. The results of this first phase of the Express Travel Choices study fed directly into the 2012 RTP/SCS. A second phase of the Express Travel Choices study initiated in FY 2012-13 developed an implementation plan, including the build-out of the existing and planned managed network of express lanes across Southern California and integration with one or more pilot projects for cordon/area pricing within specific major activity centers. A regional concept of operations for express lanes throughout the region was completed in FY 2015-16 and revised in FY 2017-18. As a living document, additional updates have been made in FY 2020-21 and will continue to be made in FY 2021-22. A feasibility study and concept of operations for a cordon pricing pilot project, including stakeholder engagement, was completed in FY 2018-19. Ongoing outreach work to explore equity issues related to pricing and zero-emission areas was completed in FY 2020-21 through SCAG's Mobility

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Innovation and Pricing project. Further work to assess pricing and broader incentive concepts will continue into FY 2021-22.

SCAG continues to work on improving our Congestion Management Process through better coordination and integration of all our transportation planning and programming activities, as well as updates of our RTP/SCS and FTIP. As part of this improvement, in 2011, SCAG developed new performance criteria to assess the impacts of non-recurring congestion and developed appropriate strategies to address them in the 2016 RTP/SCS. Furthermore, in FY 2016-17, SCAG enhanced its process and documentation of how programmed highway capacity projects are developed and integrated with complementary TDM and TSM strategies. In FY 2019-20, SCAG further initiated an effort to develop a completed long-range TDM Strategic Plan to provide an objectives-driven, performance-based planning framework for identifying TDM strategies that increase the efficiency of the regional transportation system through alternative modes of travel. This work included updating the CMP and development of a toolbox of TDM strategies included in the Connect SoCal Congestion Management Technical Report. In FY 2020-21, SCAG initiated implementation of several recommendations from the TDM Strategic Plan, to deliver a series of TDM training events across the six-county region and to initiate development of a regional TDM data clearinghouse. This work will continue in earnest in FY 2021-22. The clearinghouse is intended to promote a standardized data collection method and support development of high-quality data of both existing conditions surrounding TDM programs, as well as the provision of data to show the effects of programs that are now being implemented, leading to a better-informed set of TDM implementers and better programs for residents and commuters.

Intelligent Transportation Systems (ITS) are an important element of SCAG's congestion reduction strategy. Ensuring coordination and consistency of implementation of ITS strategies on a region-wide basis and between jurisdictions is crucial to maximizing the benefits of ITS projects. SCAG continues to facilitate such coordination efforts through its regular and timely updates of the Regional ITS Architecture. In FY 2019-20 through FY 2020-21, SCAG completed the update of the Regional ITS Architecture and, in coordination with FHWA, provided training workshops across the region regarding use of the new Architecture. SCAG expects to update its website with the new interactive online Regional ITS Architecture by June 2021. In FY 2021-22, SCAG will coordinate with the Riverside County Transportation Commission and San Bernardino County Transportation Authority regarding the potential update of the Inland Empire Regional ITS Architecture.

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As a subcomponent to ITS, Integrated Corridor Management (ICM) strategies also play a vital role towards reducing congestion. Since 2012, SCAG has been working closely with California PATH, Caltrans, Metro, and local agencies to develop the first ICM pilot project within the SCAG region along the Interstate 210 (I-210) corridor. The purpose of the pilot project is to look at all opportunities to move people and goods in the most efficient manner possible, to ensure the greatest potential gains in operational performance. This includes seeking ways to improve how arterials, highways, transit and parking systems work in conjunction with one another.

C. Sustainable Development (Land Use/Transportation Integration)

SCAG's Sustainability Program is a core effort for implementing Connect SoCal. The program demonstrates that the region can achieve both mobility and air quality goals through local land use and policy changes along with targeted transportation investments. Overall objectives of the Sustainability Program are achieved through a variety of projects:

RTP/SCS Development and Implementation: A priority for the Sustainability Department is to implement policies in Connect SoCal that will help meet state greenhouse gas (GHG) emissions reduction targets and to advance sustainable land use strategies by advancing best practices and working with local stakeholders to identify implementation opportunities.

Sustainable Communities Program: To provide needed planning resources to local jurisdictions, SCAG will continue work on ongoing Sustainable Communities Program technical assistance, a collaborative resource program with local governments and communities. SCAG will continue to release Calls for Applications and coordinate project delivery across program areas, including active transportation, transportation safety, removing barriers to housing production, smart permitting, and integrated land use, civic engagement, among others. Plans and projects will focus on coordinating sustainable transportation, land use and regional housing policies, and other issues in local planning. Emphasis will be placed on local and regional planning for GHG reductions and implementation of strategies in Connect SoCal.

Regional Resiliency: Analysis of planned regional strategies and investments through the lens of potential resiliency to land based, atmospheric, and geologic natural hazards.

Climate Adaptation Framework: Collaborate with local jurisdictions on data and communication tools to translate climate adaptation strategies into action.

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Electric Vehicle Program: Develop strategies and increase readiness for rapid deployment of electric vehicles in the region.

High Quality Transit Area (HQTA) Analysis: Identify and analyze issues that relate to integration of regional transportation and community goals and objectives in land use to better determine context-sensitive approaches for supporting growth in HQTAs in a variety of regional settings. HQTAs are generally walkable transit villages or corridors, within one half-mile of a well-served transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours.

Greenhouse Gas Reduction Fund (GGRF) Technical Assistance: Help ensure state GHG reduction fund monies are available to Southern California region jurisdictions and stakeholders and provide the policy framework for competitive applications from stakeholders.

Regional Planning for Open Space: Engage partners and stakeholders on potential resource conservation strategies and establish approaches to support implementation of regional policies and recommendations for conserving and restoring natural and agricultural lands.

Local Technical Assistance: Facilitation of the Toolbox Tuesdays Training Series to build local capacity in innovative and integrated transportation and planning tools.

SCAG Sustainability Awards: Awards Program for outstanding examples of integrated transportation and land use planning, implementing the RTP/SCS at the local level.

Joint Work Programs: Regional stakeholder coordination for various sustainability issues related to implementation of Connect SoCal.

D. Regional Transit and Passenger Rail Planning

During FY 2021-22, SCAG will continue coordinating with transit operators in its planning efforts, as required by the Federal regulations for metropolitan transportation planning, and pursuant to the Memoranda of Understanding (MOUs) between SCAG and transit operators in the region that was updated and executed in FY 2017-18. SCAG will accomplish this through ongoing meetings of the Regional Transit Technical Advisory Committee (RTTAC) and direct one-on-one engagement with transit agencies.

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Staff will continue to implement the Federal performance-based planning requirements of the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act. Staff will continue to coordinate with the RTTAC and the CTCs regarding transit safety and transit asset management (TAM), including updating performance targets and integrating the operators' Public Transportation Agency Safety Plans and TAM Plans into the planning process. In FY 2018-19, SCAG initiated the process to establish regional TAM targets which were ultimately incorporated into Connect SoCal. During FY 2020-21, SCAG similarly engaged with transit operators to develop initial regional transit safety targets which were brought to the Regional Council in June 2020 for approval. In FY 2021-22, SCAG will continue to incorporate and report on transit safety and TAM performance in its RTPs and FTIPs. Work on the 2024 RTP/SCS update in the coming years will include updating both the regional transit safety and TAM targets.

In FY 2019-20, SCAG in coordination with the RTTAC updated its methodology for identifying high quality transit corridors and major transit stops, consistent with SB 375, SB 743, and CA Public Resources Code. The methodology is documented in the Connect SoCal Transit Technical Report. This analysis formed the basis for identifying Priority Growth Areas for Connect SoCal, linking land use and transportation to support regional goals to improve mobility and sustainability.

During FY 2017-18, SCAG and the University of California, Los Angeles (UCLA) Institute of Transportation Studies released a report entitled "Falling Transit Ridership", which sought to identify the causes of ridership declines in the region. The genesis of this report was the ongoing staff efforts to monitor annual transit system performance based on National Transit Database data, which identified falling per capita transit ridership as a cause for concern. The SCAG/UCLA report identified dramatic increases in vehicle ownership, particularly among population groups most likely to take transit, as the likely primary cause. This finding will help guide development of strategies for Connect SoCal to ensure the region will continue to meet all its mobility, air quality, and sustainability goals. Subsequently, through FY 20-21, SCAG conducted with UCLA a follow-up study to better understand the role that neighborhood change may have played in the ridership decline. This research is expected to conclude in June 2021.

In FY 2020-21, SCAG began procurement on two transit planning studies, one to develop a mobility as a service (MaaS) feasibility white paper, and another regarding regional dedicated

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transit lanes. Both study efforts directly support and advance critical Connect SoCal Key Connections strategies that enable the region to meet its mobility and sustainability goals.

Furthermore, staff will continue to manage and assist with state and federal funding programs, including overseeing the Caltrans 5304 Sustainable Communities Planning Grants. SCAG will also cooperate with our regional partners in a variety of studies and projects throughout the region. Staff expects to assist SCAG's subregions and CTCs with proposal reviews, system performance studies, and a variety of project planning activities.

With respect to passenger rail, in FY 2021-22 staff will complete its Integrated Passenger and Freight Rail Forecast study, the first comprehensive and coordinated assessment of the future regional rail network that will directly support future RTP updates by identifying critical infrastructure needs and opportunities for joint public-private investment in key corridors. SCAG will also continue to support the advancement of Metrolink's Southern California Optimized Rail Expansion (SCORE) program, a \$10 billion capital improvement program — grade crossing, station and signal improvements as well as track additions and work that accelerates progress towards Metrolink's zero-emissions future.

E. Corridor & Other Planning Studies

SCAG coordinates, directs, and participates in a number of corridor studies and other planning studies, many with county transportation commissions, Caltrans, subregional entities, and/or other partners. While each study has its unique objectives, all are designed to develop a comprehensive approach to addressing corridor congestion problems by considering operational improvements in conjunction with critical capacity enhancements and leveraging other modes of travel such as transit, walking, and/or biking. Ultimately, the goal is to better inform regional transportation decision-making. Below is a list of corridor studies that are ongoing and/or new initiatives around the region:

- I-710 Corridor Project (Metro)
- I-605 Corridor Improvement Project (Metro)
- I-210 Connected Corridors Pilot (Metro)
- I-105 Express Lanes Project (Metro)
- I-15 Corridor Project (SBCTA)
- US-101 Multi-Modal Corridor Study (VCTC and SCAG) (Completed)

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- Inland Empire Comprehensive Corridor Plans (SBCTA, RCTC and SCAG) (Completed)
- North Orange County Triangle Connected Corridors (Caltrans District 12)
- Implementation support for I-105 Corridor Sustainability Study (SCAG) (On going)
- Comprehensive Multi-modal Corridor Plans on I-10, I-5 and SR-91 (Caltrans District 7)

F. Infrastructure Financing

New funding sources are needed to address the mobility, air quality, and land use needs facing the region. Several promising transportation and land-use strategies will require significant funding levels for the region to adequately address the challenges in these areas. Without an infusion of sufficient funding, the region will not be able to demonstrate the required attainment of health-based national ambient air quality standards or comply with State requirements for greenhouse gas emission reductions.

Despite passage of Senate Bill 1 (Road Repair and Accountability Act of 2017), local streets and roads and bridges are not projected to meet state of repair performance measures without additional funding. In FY 2020-21, resources have continued to be dedicated to identifying more efficient means of generating revenue to support transportation system investments and associated mitigation needs as part of the development of the technical and policy framework for the Connect SoCal financial plan. Efforts have included analyses of financial conditions, identification of new and innovative financing opportunities, and investigation of various public-private partnership initiatives. In FY 2021-22, SCAG will continue efforts to move forward on these strategies.

G. Active Transportation

SCAG's Active Transportation Program works to integrate active transportation into the regional transportation planning processes and support local actions to implement the regional plan. During FY 2020-21, SCAG continued to work with a wide variety of active transportation stakeholders to develop plans, conduct analysis, and access funding to advance policies adopted in Connect SoCal. Staff coordinated regular meetings of the Active Transportation Working Group to facilitate regional collaboration on the policies included in the RTP/SCS as well as share best practices on an on-going basis. Staff continued to enhance the Active Transportation Database to support local planning and enhance analysis of active transportation investments in Connect

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SoCal. Staff also continued to coordinate with the Caltrans Active Transportation Resource Center on expanding the Database statewide.

SCAG also continued to collaborate with the CTCs on Cycle 5 of the Regional Active Transportation Program (ATP). SCAG represents the large MPOs on the statewide Active Transportation Program Technical Advisory Community and facilitates ongoing discussions with the county transportation commissions and other regional stakeholders to enhance the selection, delivery and evaluation of ATP projects. Staff attended State CTC workshops to comment on the program guidelines and convey concerns of our member jurisdictions. Staff also provided input and technical assistance for local ATP grant applicants.

Staff continued work on the *Go Human* active transportation safety and encouragement campaign, a program funded by ATP, California Office of Traffic Safety, Mobile Source Air Pollution Reduction Review Committee grants, and local sponsorships. *Go Human* includes three main components: Advertising Campaign, Community Outreach/Demonstration Events, and development of Safety Workshops, Webinars & Technical Assistance Staff activities in FY 2020-21 focused on regional safety education through co-branding campaigns, regional support for community-level efforts through Mini-Grants, and building regional technical and community capacity through Community Ambassadors and Peer Exchanges. *Go Human* technical assistance advanced local planning by building public support for safety and investment in active transportation and increasing education and awareness of the rules of the road and critical role of walking and biking in regional mobility.

Projects to be undertaken in FY 2021-22 include:

- Ongoing implementation of the Go Human campaign focusing on providing resources to local agencies and communities to promote roadway safety through education, community outreach, and safety demonstration projects.
- Promote SCAG's Active Transportation Disadvantaged Communities Planning Initiative to host and manage the Toolkit to support disadvantaged communities across the region with developing active transportation plans.
- Partner with local agencies to deliver active transportation planning and capacity building grants through the Sustainable Communities Program (SCP) and conduct a new Call for Applications for Cycle 5 ATP funding.

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- Support for delivery of projects awarded funding through the California Active Transportation Program (ATP). Ongoing collaboration with the California Transportation Commission, Caltrans, and county transportation commissions to maximize program benefits in Southern California. Support for Cycle 5 applications and delivery of projects awarded funding through previous cycles of the California Active Transportation Program (ATP).
- Continue to enhance and promote the Active Transportation Database to expand availability of bicycle and pedestrian data to inform local and regional planning, for example enabling integration with automated bike counters, and enabling batch downloads of Bike/Ped counts.
- Develop strategies and explore new partnerships for promoting the implementation of safe routes to school strategies in Connect SoCal.
- Provide technical assistance to local agencies to increase their readiness and competitiveness for State Active Transportation Program and Cap & Trade funds.
- Enhance modeling tools to project impacts of active transportation investments on vehicle miles travelled.

H. Aviation and Airport Ground Access

As the regional Metropolitan Planning Organization (MPO), SCAG is focused on the region's airports and aviation system primarily from the perspective of airport ground access and the surface transportation system. Although SCAG does not have regulatory or developmental authority over the airports, SCAG does maintain an updated list of airport ground access projects in the regional transportation plan, and SCAG plays a critical consultative and collaborative role with the airports, federal agencies, Caltrans, the transportation agencies and commissions, and other transportation stakeholders. The ongoing efforts of the SCAG Aviation Program during FY 2020-21 included:

- The implementation of Connect SoCal. During FY 2020-21 SCAG focused on working with the airports in the region to amend and update the 2020 Connect SoCal transportation projects list.
- Maintaining and building on the relationships established with the airports, transportation commissions and agencies, Caltrans, federal agencies, and other aviation and transportation stakeholders. Of note, the Aviation Program met with the Federal Aviation

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Administration on several occasions and held an introductory meeting with Ulises Aguirre, the new Airport Director for the Palm Springs International Airport.

- Continuing ATAC meetings, with meeting locations and hosts rotating throughout the SCAG region. Due to the COVID-19 pandemic, ATAC meetings were hosted virtually during FY 2020-21.
- Research, data collection, and analyses for the upcoming 2024 RTP/SCS, as well as other SCAG aviation, airport, and transportation related papers and reports, and data sharing with our transportation planning partners (e.g., airports, county transportation commissions). During FY 2020-21, the Aviation Program worked with the SCAG Goods Movement, and Mobility Planning and Management, teams on a COVID-19 Transportation Impacts snapshot/white paper. The Aviation Program also shared data and facilitated data exchanges with the Los Angeles World Airports, Palm Springs International Airport, San Bernardino County Transportation Authority, and Los Angeles Metro, to name a few of the stakeholders we worked with during FY 2020-21.
- Exploring opportunities for research projects, initiatives, and partnerships related to airport ground access and aviation systems planning. During FY 2020-21, the Aviation Program conducted research on and corresponded with Federal Aviation Administration (FAA) officials regarding various FAA programs and grants. The Aviation Program also submitted a problem statement on and monitored the Transportation Research Board, Airport Cooperative Research Program, IdeaHub for potential research projects.

The SCAG Aviation Program is focused on the following initiatives for the coming FY 2021-22:

- The ongoing implementation of the 2020 Connect SoCal, and the early planning and data collection for the 2024 Connect SoCal.
- Maintaining and building on the relationships with the airports, transportation commissions and agencies, Caltrans, federal agencies, and other aviation and transportation stakeholders. As in person meetings and conferences resume, participation on standing committees and working groups should increase.
- Continuing ATAC meetings, with meeting locations and hosts rotating throughout the SCAG region. The current plan is to hold hybrid in-person and virtual/Zoom ATAC meetings during FY 2021-22.

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- Ongoing research, data collection, and analyses for the upcoming 2024 RTP/SCS, as well as other SCAG aviation, airport, and transportation related papers and reports and data sharing with our transportation planning partners (e.g., airports, county transportation commissions).
- Exploring opportunities for research projects, initiatives, and partnerships related to airport ground access and aviation systems planning. As part of this effort, the Aviation Program will continue to conduct research and outreach on prospective opportunities, including federal and state grants, university projects, and the Transportation Research Board, Airport Cooperative Research Program, IdeaHub.

I. Transportation Safety

SCAG's Transportation Safety Program works to motivate reductions in traffic-related fatalities and serious injuries and to integrate safety into the regional transportation planning processes and support local actions to implement the regional plan. During FY 2020-21, SCAG coordinated quarterly meetings of SCAG's Transportation Safety Working Group to facilitate regional collaboration on strategies and actions included in the long-range plan as well as to share best practices. SCAG adopted Connect SoCal, which included a framework that will help member agencies interested in pursuing safety initiatives and strategies at the local level. SCAG served on California's Strategic Highway Safety Plan (SHSP) Steering Committee and functioned as the co-lead for the SHSP's Bicycle Challenge Area Team. SCAG led an SHSP Challenge Area subgroup that developed High Injury Network statewide guidance recommendations. SCAG established the region's 2021 safety targets and adopted a regional safety policy supportive of advancing *Toward Zero Deaths*. With FHWA technical support, SCAG began working with a consultant to develop a macro level safety model to support future target setting efforts. SCAG worked with stakeholders (City of El Monte and Omnitrans serving San Bernardino County) to develop safety plans that will help advance Connect SoCal strategies and actions, and SCAG identified additional jurisdictions to whom to provide safety planning technical support. Towards the end of the fiscal year, SCAG held multiple safety workshops across the region, which government and non-profit agency staff attended, including transportation planners, traffic engineers, and community advocates. The purpose of the workshops was to educate practitioners about the region's traffic safety issues and provide resources to motivate practitioners to take action. At the workshops, SCAG shared an

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updated Regional Transportation Safety Existing Conditions Report as well as county-specific fact sheets.

In FY 2021-22, SCAG will continue to hold safety workshops across the region, which will conclude by September 2021. SCAG will also continue to engage stakeholders via its Transportation Safety Working Group; serve on the SHSP Steering Committee; function as the co-lead for the SHSP Bicycle Challenge Area Team; work with local jurisdictions to implement safety planning projects; establish annual regional safety targets using the aforementioned macro level safety model; and monitor the region's progress on meeting its safety goals and targets.

J. Public Health

SCAG's Public Health Program aims to provide leadership and strategic policy formulation in support of transportation and land use-related public health outcomes in the SCAG region. During FY 2020-21, SCAG staff coordinated quarterly meetings of the Public Health Working Group to facilitate regional collaboration on strategies and actions included in the long-range plan as well as to share best practices. SCAG adopted Connect SoCal, which included a framework that will help member agencies pursue public health-related initiatives and strategies at the local level. SCAG also supported public health efforts throughout the region through a public health fellowship program (funding up to 15 fellows). SCAG public health fellows developed Healthy Cities and Environmental Justice Toolboxes to support local jurisdictions as they implement strategies from the long-range plan. SCAG continued to enhance the California Public Health Assessment Model (C-PHAM), which contributed to improved public health impact analysis in Connect SoCal and allowed for more local level analysis.

In FY 2021-22, SCAG will continue to engage stakeholders via its Public Health Working Group; conduct more local level analysis of public health impacts using C-PHAM and support public health-related initiatives throughout the region through the public health fellowship program.

K. Environmental Planning and Compliance

Compliance with federal Clean Air Act (CAA) is a complicated and challenging requirement for SCAG, requiring detailed data collection, complex computer modeling, extensive inter-agency coordination, as well as specialized technical analysis and report writing. Staff works closely with regional, State, and Federal partner agencies to resolve numerous challenging issues in meeting

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the CAA requirements, including transportation conformity for 26 nonattainment and maintenance areas within the SCAG region. In FY 2020-21, SCAG adopted and received FHWA/FTA approval of the conformity determinations for the 2021 FTIP and the 2021 FTIP Amendment #21-01. SCAG also received FHWA/FTA approval of conformity determinations for five 2019 FTIP amendments. In addition, SCAG submitted and received ARB acceptance of its updated Final Connect SoCal Technical Methodology. Staff reviewed, approved, and uploaded to the federal CMAQ tracking system the annual CMAQ project obligation reports from all six CTCs. Staff processed on-going TCM timely implementation requests from CTCs. Staff held eleven (11) TCWG meetings to facilitate federally required interagency consultation on important issues related to both regional and project-level transportation conformity.

Staff continued to participate in the development of AQMPs and fulfilled SCAG's federal and state air quality planning responsibilities. In FY 2020-21, the U.S. Environmental Protection Agency (EPA) approved the new ozone transportation conformity budgets for the Coachella Valley nonattainment area, the new PM_{2.5} transportation conformity budgets for the South Coast nonattainment area, as well as the new PM₁₀ transportation conformity budgets for Imperial County. SCAG also provided SCAQMD and ARB with the growth forecast and travel activity projections from the adopted Connect SoCal for the development of AQMPs/SIPs in the SCAG region including the 2022 South Coast AQMP.

Staff reviewed and evaluated the Transportation Corridor Agencies (TCA) and Orange County Transportation Authority (OCTA) Average Vehicle Occupancy Program Monitoring Reports and issued certification letters. Staff reviewed and approved the reporting of the Congestion Management and Air Quality (CMAQ) funded projects; and uploaded the required project information into the Federal User Profile and Access Control System (UPACS) – CMAQ database. Staff facilitated interagency consultation for RTP, FTIP, and project-level transportation conformity through the federally required Transportation Conformity Working Group (TCWG).

Compliance with California Environmental Quality Act (CEQA) provisions is also required of SCAG when it serves as the lead agency with the responsibility for preparation of the environmental documentation for the RTP/SCS and other projects. Staff actively participates in the development of environmental documentation, such as the Program Environmental Impact Report (PEIR) for the RTP/SCS (Connect SoCal and 2024 RTP/SCS) to ensure regulatory compliance with CEQA provisions as well as other applicable federal and state laws. Staff works closely with local and

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regional agencies and stakeholders and conducts consultation and public outreach during the preparation of environmental documentation for the RTP/SCS.

In FY 2020-21, the Final Program Environmental Impact Report (PEIR) for Connect SoCal was certified on May 7, 2020 by the SCAG Regional Council. Subsequently, the Connect SoCal PEIR Addendum was approved by the Regional Council on September 3, 2020.

In FY 2020-21, SCAG initiated the development of a robust CEQA program to assist local jurisdictions and regional stakeholders. Assistance includes, but is not limited to, CEQA streamlining, regional mitigation strategies, and implementation workshops, among other activities. Work efforts in support of the CEQA Program will continue in FY 2021-22 and beyond. Staff has and will continue to seek input from SCAG's Policy Committees in support of the environmental document.

In FY 2021-22, SCAG will continue to oversee and/or provide support for required air quality planning, analyses, documentation and policy implementation, including adoption and federal approval of conformity determination for amendments to the 2021 FTIP and 2020 RTP/SCS (Connect SoCal), and initiate work efforts for the 2024 RTP/SCS. Staff will also continue to collaborate with the ARB and air districts in the SCAG region in developing/finalizing any AQMPs/SIPs, including setting appropriate new emission budgets to meet federal conformity requirements. Staff will facilitate federally required interagency consultation via the TCWG, continue the process to ensure the timely implementation of TCMs, and track and participate in relevant air quality rulemaking and policy development. Staff will also continue to participate in numerous air quality related working groups and advisory committees.

In addition, SCAG provides a clearinghouse for regionally significant projects and SCAG's Intergovernmental Review (IGR) Program is responsible for reviewing applications for federal grants and financial assistance programs, federally required state plans, federal development activities, and federal environmental documents pursuant to Presidential Executive 12372. SCAG's IGR Program is also responsible for reviewing regionally significant plans, projects and programs per CEQA and ensuring that these regionally significant projects are consistent with SCAG's adopted RTP/SCS. In FY 2020-21, SCAG staff produced six bi-monthly Clearinghouse Reports for public review that included a list of all CEQA and project related notices that were submitted to SCAG for review. SCAG staff also prepared comment letters on the Notices of Preparation for regionally significant projects. In addition, SCAG developed and launched the updated IGR

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database application for internal use.

In FY 2021-22, SCAG staff will continue to ensure responsibilities of the IGR Program will be met by producing bi-monthly Clearinghouse Reports and maintaining the IGR Mapping Tool by logging in all project documents and notices submitted to SCAG for review.

Title VI of the Civil Rights Act of 1964 establishes that transportation agencies need to disclose to the general public the benefits and burdens of proposed projects on minority populations and California Government Code Section 11135 forbids state agencies to unlawfully deny access and benefits of projects to any person based on “race, national origin, ethnic group identification, religion, age, sex, sexual orientation, color or disability.” Therefore, SCAG is required to conduct an environmental justice (EJ) analysis on regional plans, including Connect SoCal, to determine whether implementation of the Plan will result in disproportionately adverse impacts on low-income and minority groups. In FY 2020-21, SCAG staff continued to hold Environmental Justice Working Group (EJWG) meetings to provide a platform for EJ stakeholders to discuss new and relevant EJ topics and update the EJ Toolbox from the Connect SoCal EJ Technical Report which includes recommended best practices and approaches EJ stakeholders and local jurisdictions can use to combat adverse EJ impacts.

In FY 2021-22, SCAG staff will continue to hold quarterly EJWG meetings to provide a platform for EJ stakeholders to discuss relevant issues and collectively come up with strategies and solutions. Lastly, SCAG staff will continue to work on establishing an ongoing Environmental Justice Program at SCAG through the means of the EJWG and the continued development of resources and tools, like the EJ Toolbox, to fulfill SCAG’s goal of being a primary EJ resource to our regional stakeholders.

L. Regional Growth Forecasting, Policy Analysis, and Data/GIS Support

Major forecasting and data/GIS projects undertaken in FY 2020-21 included:

Regional Growth Forecasting and Policy Analysis Projects

- Prepared the development of regional and county-level growth forecasting. Developed scope of work and evaluated proposals to select a consultant to develop assumptions for regional growth forecasts.

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- Continued to conduct advanced research and developed innovative analytical methodologies for Connect SoCal, RHNA, various other programs and projects, and regional policy discussions. These include priority growth areas (PGAs), high-quality transit areas (HQTAs), transit priority areas (TPAs), developing measures of job and transit access to use to allocate housing need through the RHNA process, the inventory of public-owned lands, and other land use & transportation-related projects.
- SCAG has strengthened its relationships with Southern California's universities and colleges, along with international research and planning partners, to expand the knowledge base and enhance the quality of long-range planning activities. SCAG hosted the annual SCAG/USC Demographic Workshop and supported an Accessory Dwelling Unit (ADU) research to identify potential ADU properties with Cal Poly Pomona, a study of the relationship between neighborhood crime and transit usage with UC-Irvine, and Capstone student's projects with UCLA.
- SCAG provided technical support to local jurisdictions looking to utilize new economic development and tax increment financing tools available through state legislation – specifically Enhanced Infrastructure Financing Districts (EIFDs), Community Revitalization and Investment Authorities (CRIAs), and other tax increment financing mechanisms recently adopted by the State of California. In previous years, SCAG established a screening criteria and interactive tool to evaluate the viability of any neighborhood in the SCAG region to establish an EIFD or CRIA. SCAG has also partnered with other entities to conduct numerous pilots examining the financial viability of establishing a tax increment financing district to support regionally significant projects, and Los Angeles County Metropolitan Transportation Authority ("Metro") utilized SCAG's criteria and tool to evaluate grant awardees for their recent round of Transit Oriented Development Planning Grants. SCAG has initiated a number of new pilot projects to evaluate the viability of tax increment financing tools for local sustainable infrastructure projects and economic development, and successfully launched the first county initiated EIFD in the state with partners from the County of Los Angeles.
- In FY 2020-21, SCAG continued a program aimed at increasing the adoption of new technology and the accessibility of data and analytics to our partner agencies and the general public. The Future Communities Initiative (FCI) provided guidance, supported data coordination and standardization, expanded partnerships, provided resources to local jurisdictions throughout Southern California, and produced studies and strategies for local cities that outline the steps needed to become "smart communities," identified data sets that could benefit from regional standardization and new processes for coordinating data collection, explored opportunities for engagement with supportive initiatives and partnerships that magnify impact, and pursues resources for planning and implementation of open data, big data, and new technology initiatives.

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GIS Projects

- The Regional Data Platform (RDP) is a multi-year project for regional data sharing and collaboration. It will provide all local jurisdictions with long-range planning tools aimed at supporting General Plan updates while streamlining the process for bi-directional data sharing with SCAG. As part of the RDP project, SCAG developed the Housing Element Parcel (HELPR) tool, a web-mapping tool, to help local jurisdictions and stakeholders for aligning housing planning with the state's 6th cycle housing element updates.
- Continued regional aerial imagery data collaboration to engage jurisdictions to build a data collaborative to acquire, create, and share data. SCAG has purchased Aerial Imagery data for 3 counties. SCAG has started data process and case study to sidewalk and vegetation coverage analysis.
- Initiated the development of the value-added regional geospatial database to support for the 2024 RTP/SCS Local Agency Data Validation Process, including (1) land use and growth information, such as general plan, specific plan, zoning, existing land use and entitlement projects, (2) SB 375 resource areas and farmland data, (3) transportation, and (4) administrative boundaries.
- Enhanced the Smart Land Information System (SLIS) by developing the Annual Land Use dataset to support SCAG's programs and projects, e.g., Housing Element Parcel (HELPR) tool, and to better facilitate policy discussions on various planning issues, such as local housing element updates and land trend analysis.
- Enhanced GIS modeling and analytics to streamline and automate time-sensitive, repetitive and complex GIS/data workflows of regional geospatial big data processing, spatial and statistical analytics, data standardization, and mapping & data visualization, through the adoption of interactive, automated and state-of-the-art information tools and technologies.
- Continued utilization of advanced GIS technology through established Enterprise GIS (EGIS) system and GIS Power Users group to further integrate all aspects of regional innovative planning and data-driven decision-making process; developed GIS governance and decision framework as part of fulfilling SCAG's strategic goal of being a central source of data/information; provided GIS/data collaboration and technical support to SCAG staff for plan and program development through SCAG GIS Power Users group.

In FY 2021-22, major regional forecasting, policy analysis, and data/GIS initiatives will include:

Regional Growth Forecasting and Policy Analysis Projects

- Continue building on state-of-the-art forecasting methodology and data/statistics support, such that regional growth estimates and forecasts are technically sound and meet

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the Best Practices of general forecasting practices for MPOs. Continue technical work and subregional outreach for Connect SoCal.

- Initiate a collaborating process with elected officials and regional stakeholders in the field of economic and job creation to develop a regional economic growth strategy to address challenges in economy, housing, income distribution, labor force, and local governments finance.
- Enhance the partnership with Southern California's universities and colleges to improve SCAG's planning capabilities and address regional challenges. Continue to strive for university partnership by establishing a joint classroom with the USC Dornsife Spatial Sciences Institute (SSI); this classroom will help students to learn about SCAG's regional planning as well as their assistance on SCAG's projects.
- Continue to provide state-of-the-art forecasting methodology and data/statistics such that regional growth estimates and forecasts are technically sound, can capture and reflect trends emerging from the COVID-19 pandemic, set the standard for MPO growth forecasting practice, and are communicated to stakeholders in a manner that supports the development of the RTP/SCS.
- Continue to lead developing the programs for the Annual Demographic Workshop and Economic Summit by engaging demographers, economists, and planners.
- Continue work on SCAG's tax increment pilot projects to provide local assistance for economic development, job creation, housing construction, and potential financing for infrastructure investments.
- Engage with the newly formed Emerging Technologies Committee, which will also provide ongoing input and governance on Initiative activities – helping us to promote fairness and equity for serving low resourced and disadvantaged communities, as well as overall data protection.
- Continue to lead research and policy impact analysis for the implementation of Connect SoCal, and for strategic initiatives, corridor studies, and scenario development; Address emerging research needs in the areas of demographic change, the built environment, housing, travel behavior, health, and inequality, providing in-house research solutions which support RTP/SCS development, scenario planning, and transportation planning.

GIS Projects

- Continue to lead a broad range of GIS technology utilization in regional and city planning, as well as geospatial policy analysis, which include advanced visualization and spatial analytics for insights of data and information. This includes extensive technical support for enhanced local housing planning and local plan updates.

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- Continue to promote and maintain SCAG as an information center to the region through data governance framework on data development, data standardization, data update, and data sharing in support of innovative planning and data-driven decision-making process.
- Continue to lead advanced spatial research and geospatial analysis for the development of 2024 RTP/SCS, such as the Priority Growth Areas (PGAs), the high-quality transit areas (HQTAs), the transit priority areas (TPAs), land suitability analysis, and other land use & transportation-related analyses.
- Continue to develop and maintain the value-added regional geospatial database to support the 2024 RTP/SCS, PEIR, scenario planning and growth forecasting as well as facilitating regional policy discussions, including (1) land use and growth, (2) SB 375 resource areas and farmland, (3) environment, (4) transportation, and (5) administrative boundaries.
- Continue to enhance the Smart Land Information System (SLIS) by developing and maintaining the valued-added land information and data model to support SCAG's programs and projects, to facilitate policy discussions on various planning issues, and to better serve SCAG member jurisdictions and stakeholders.
- Continue to develop the Regional Data Platform (RDP) tools to enhance general plan elements and help meet state statutes in housing, environmental justice, and safety. The goals of this project are to (1) facilitate better planning among SCAG member agencies by providing modern tools and best practices to assist with General Plan Updates; and (2) streamline the process of collecting and integrating data from member agencies so SCAG can conduct better regional planning.
- Continue to build the Aerial Imagery program at SCAG to accommodate internal and external data needs. These data will be essential in the analysis of our base condition, trend analysis, transportation infrastructure, built environment and land use characteristics, and climate change.
- Produce the SCAG Data/Map Books of 197 local jurisdictions for the 2024 RTP/SCS Local Agency Data Validation Process, including data and maps of land use, growth, resource areas, climate change, transportation, and administrative boundary.
- Continue to lead on GIS Power Users Group to provide GIS technical supports and assistances to planning staff. Support planning staff GIS skill development and coordinate GIS governance procedure and project collaboration.
- Continue support GIS data and mapping requests from SCAG staff, stakeholders, and member jurisdictions. Produce SCAG Data/Map Books of 197 local jurisdictions for the 2024 RTP/SCS Local Agency Data Validation Process. Support data needs to Regional Data (RDP) development and Future Communities Pilot Program.

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M. Small Area Forecasting and Modeling Support

Major small area forecasting and modeling projects undertaken in FY 2020-21 included:

Small Area Forecast Projects

- Continued building state-of-the-art forecasting methodologies, programs, software, and data/statistics to support regional growth estimates and travel forecasts that are technically sound and meet MPO Best Practices.
- Continued SCAG's role as a Regional Data Center of the US Census Bureau, thereby expanding our role to promote the utilization and dissemination of census data to regional stakeholders.
- Continued data gathering, evaluating, and analytical processes including parcel information, censuses, annexations, and employment data for building the 2024 RTP/SCS base year socioeconomic estimates and growth projections.
- Led the collaborative efforts to update the geographic zonal system with peer agencies for the 2024 RTP/SCS growth forecast development; continued the data support to local jurisdictions and peer agencies for various regional planning activities.
- Updated and enhanced growth forecast models for the 2024 RTP/SCS forecast; including updating 1) PopSyn (population synthesizer) model to reflect localized condition, and 2) projection model for population characteristic specifically group quarter POP (Prison, Detention, Jail, Army, Youth Correction, etc.)
- Supported planning data needs and tools development, including housing allocation tool, general plan update, and SPM calibration. Developed racial equity data to support SCAG's commitment to advancing justice, equity, diversity, and inclusion throughout Southern California.
- Updated and refined Connect SoCal scenarios and plan datasets and processed them for Scenario Planning Model (SPM) runs to estimate their impacts.

Modeling Projects

- Delivered modeling analysis for Sustainable Communities Strategy (SCS): finalized transportation and air quality model operation and analysis; delivered off-model analysis to quality GHG reduction for each off-model strategy; developed methodology for induced demand analysis.
- Performed Scenario Planning Model (SPM) operation to support impact analysis for Connect SoCal scenarios; continued to perform maintenance and monitoring of SPM systems to ensure optimal performance while providing timely support to Connect SoCal activities.

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- Continued the enhancement and update to SCAG models, including trip-based model, activity-based model, heavy-duty truck model, and scenario planning model; conducted transportation data collection and analysis; continued the development of model validation target for 2024 RTP/SCS.
- Prepared model operation to the 2020 RTP Amendment 1; developed model network for transportation projects; began to coordinate for 2023 FTIP.
- Conducted air quality model analysis and supported data needs for SCAQMD, ARB and other air quality agencies; collaborated with ARB to analyze air quality model for EMFAC 2017 and EMFAC 2021.
- Delivered more than 150 modeling and socioeconomic data requests to support planning and research needs from for SCAG members and other stakeholders; provided technical assistance and modeling services to regional and subregional agencies in support of their model development and enhancement, including WRCOG, SBCTA, LA Metro, and Caltrans.
- Provided leadership to the Southern California modeling community by coordinating national, state, regional and local modeling programs; conducted five Modeling Task Force meetings and other outreach activities to promote interagency consultation and coordinate modeling activities with transportation commissions, Caltrans, ARB, air districts, and State/Federal agencies.
- Provided modeling support for SCAG's planning program, strategic initiatives, corridor studies, transportation conformity budgets setting exercises, emissions target setting exercises, and scenario development.
- Collaborated with universities and research institutes, including RAND Corporation, UCLA, and UC Davis, on modeling research and analysis.

Major small area forecasting and modeling initiatives for FY 2021-22 include:

Small Area Forecasting Projects

- Develop the draft region/county/jurisdictional level growth forecasts, including population, households, and employment, for the 2024 RTP/SCS,
- Complete the tailored geographic zonal system to build the foundation for the 2024 RTP/SCS growth forecast development, including jurisdictions' annexations, census boundary changes, and current land use data.
- Complete the 2019 base year estimates for the 2024 RTP/SCS growth forecast by incorporating the Census information and other most current survey data.
- Continue to collaborate with California DOF (Department of Finance), EDD (Employment Development Department), City of Los Angeles, County of Los Angeles, San Bernardino County Transportation Authority and others for data collection and methodology

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improvement.

- Continue to develop socioeconomic input data for transportation modeling and provide analytical data assistance for all SCAG's plans/programs.

Modeling Projects

- Continue to update and maintain SCAG's Models, including Travel Demand Model, Scenario Planning Model, Heavy-duty Truck Model, and Air Quality Model. Perform model maintenance and enhancement by updating model parameters, model variables and coefficients; perform model validation check, conduct model sensitivity testing, and incorporate new modeling methodologies to further enhance SCAG's Models.
- Continue to update SPM input data and model zonal geography and calibrate/validate key assumptions; continue to update SPM model systems with an implementation of a managed codebase strategy.
- Continue transportation modeling and emissions analyses to support 2020 RTP Amendment 1; tasks include model input development, model operation, model output analysis, and conformity analysis.
- Enhance communications and interagency consultations by conducting bi-monthly Modeling Task Force Meetings.
- Provide technical assistance and modeling services to regional and subregional agencies in support of their modeling program and to promote model consistency.
- Continue to fulfill transportation and socioeconomic data requests from member agencies, universities, other public agencies, and the general public in support of their planning/information needs.
- Plan and manage SCAG's cloud-based infrastructure to support model enhancement of SCAG's Activity Based Model (ABM), model operation for SCAG main plans and projects, and Regional Data Platform.

N. Performance Measures

SCAG continuously monitors the performance of the region through the collection and analysis of a wide range of socio-economic, transportation, demographic, land use, and environmental data. Table 1 features the on-going regional performance indicators used by SCAG to evaluate performance of the 2020 RTP/SCS (Connect SoCal) over time. Connect SoCal identifies a set of regional goals and performance objectives, along with a corresponding set specific quantitative performance measures, used to assess progress being made toward achieving those regional objectives. SCAG has been collaborating with FHWA and Caltrans on the development and

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implementation of a statewide and regional performance-based planning and reporting program in fulfillment of federal MAP-21/FAST Act requirements. SCAG will continue to coordinate with FHWA and Caltrans and will also continue our active participation in statewide technical work groups, workshops, and other inter-agency performance monitoring information exchange opportunities in support of MAP-21/FAST Act federal performance-based planning and reporting objectives.

To ensure the Federal Transportation Improvement Program (FTIP) is on-target and consistent with RTP objectives and budgets, SCAG monitors FTIP implementation through:

- An enhanced FTIP database;
- Regional transportation monitoring programs, including the Highway Performance Monitoring System (HPMS) and a Regional Transportation Monitoring Information System (RTMIS); and
- Periodic FTIP amendments reflecting transportation policy or budget changes, shifting conditions, or transportation project additions or deletions.

Additional projects undertaken in FY 2020-21 included:

- Coordination with all 197 local jurisdictions (cities and counties) in the SCAG region to facilitate collection of data for the Highway Performance Monitoring System (HPMS).
- Data collection and analysis in support of various Regional Performance Assessment activities, including the annual Average Vehicle Occupancy (AVO) analysis and reporting for two Orange County toll facilities.

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Table 1: Connect SoCal Outcomes and Performance Measures

Performance Measure		
Location Efficiency	Share of growth in High Quality Transit Areas (HQTAs)	Share of the region's household and employment growth occurring in High Quality Transit Areas (HQTAs)
	Land consumption	Number of acres of previously agricultural or otherwise rural lands changed to urban use
	Vehicle Miles Traveled (VMT) per capita	Average annual vehicle miles traveled per person (automobiles & light duty trucks)
	Transit mode share	Share of transit for work and non-work trips
	Transit boardings per capita	Average annual number of transit boardings per person
	Annual household transportation cost	Annual household spending on transportation including costs of vehicle ownership, operation and maintenance, and public transportation
	Percent of annual household income spent on housing	Share of annual household income spent on housing-related expenses
Mobility & Accessibility	Highway non-recurrent delay	Delay caused by accidents, incidents, weather, planned lane closures, special events, or other atypical traffic patterns
	Mode share for work trips	Share of work trips using various travel modes
	Travel time to work	Average travel time to work
Reliability	Travel time reliability for automobiles	Day-to-day variation in travel times experienced by automobile travelers along a specified roadway
	Travel time reliability for trucks	Day-to-day variation in travel times experienced by trucks along a specified roadway
Productivity	Lost highway lane miles s	Percent utilization of regional transportation system during peak demand conditions
Safety & Health	Collision rates by severity and by mode	Collision and fatality rates per 100 million vehicle miles by mode (all, bicycle/pedestrian); and number of fatalities and serious injuries by mode (all, bicycle/pedestrian)
	Mode share of walking and biking	Mode share of walking and biking for work and non-work trips
	Daily amount of walking and biking	Percent of population having walk or bike trips by age group; and number of minutes of walking and biking for those who had walk or bike trips

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	Asthma incidence	Share of population in the region who were ever diagnosed with asthma
	Asthma exacerbation	Share of population in the region already diagnosed with asthma who had asthma-related emergency room visits
	Percent of households living <500 feet from high volume roadways	Share of total households located within 500 feet of a high-volume roadway, defined as having traffic volumes of over 100,000 vehicles per day in urban areas, and 50,000 vehicles per day in rural areas
	Premature deaths due to PM2.5	The number of premature deaths due to long-term exposure to particulate matter (estimated from monitored or modeled PM2.5 concentrations)
	Percent of residents within 1/2 mile walk to parks and open space	Share of regional population living within walking distance to open space
	Number of acres of parks for every 1,000 residents	Number of acres of parks (including local, regional, and beach parks) for every 1,000 residents
	Ambient air quality conditions	Existing condition of air quality in the various air basins
Transportation System Sustainability	State Highway System pavement condition	Share of State Highway System lane miles in 'Poor' condition and in 'Good' condition
	Local roads pavement condition	Pavement Condition Index (PCI) for local roads
Resource Efficiency	Energy consumption	Energy (electricity, natural gas, vehicle fuel) consumption per capita
	Water consumption	Urban water consumption per capita

IV. Implementation of the RTP/SCS and FTIP

In FY 2020-21, SCAG adopted the 2020 RTP/SCS or Connect SoCal, which was certified by FHWA/FTA in June 2020. Therefore, the 2020 RTP/SCS (Connect SoCal) is now the governing long range transportation plan for the SCAG region until the next update in 2024. As noted in section, “Significant Regional Characteristics and Issues” implementation of Connect SoCal will be influenced by strategies that respond to the pandemic and focus on an inclusive economic recovery, equity, and regional resilience.

The focus of FY 2021-22 will be to work with regional partners to continue implementing Connect

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SoCal. At the same time, SCAG also continues to coordinate Connect SoCal with state planning initiatives including California Transportation Plan 2050 (CTP 2050), Climate Action Plan for Transportation Infrastructure (CAPTI) as well as the 2021 Interregional Transportation Strategic Plan (ITSP 2021).

The Federal Transportation Improvement Program (FTIP) is a multimodal list of capital improvement projects programmed over a six-year planning period. The FTIP is the program that implements the RTP. The 2021 FTIP is expected to be federally approved for transportation conformity by April 16, 2021 and includes approximately \$35.3 billion for transportation projects proposed over fiscal years 2020-21 – 2025-26. The FTIP must include all federally funded transportation projects in the region, as well as all regionally significant transportation projects and programs for which approval from a federal agency is required regardless of funding source. The FTIP is developed to incrementally implement the programs and projects in the RTP/SCS in accordance with federal and state requirements. The FTIP is amended on an on-going basis, as necessary, thereby allowing projects consistent with the RTP to move forward toward implementation.

During FY 2020-21, SCAG successfully completed the 2021 FTIP for approval by the Regional Council and subsequent positive conformity determination by FHWA/FTA. In addition, SCAG also continued amendments and administrative modifications to the 2019 FTIP to ensure that transportation improvement projects around the region may move forward without disruption. SCAG has always maintained a close partnership with the federal and state funding agencies as well as its regional partners in processing FTIP Amendments and Administrative Modifications in the most efficient manner possible.

V. MAP-21 Implementation: Performance-based Planning and Programming

The federal MAP-21 and subsequent FAST ACT legislative packages required the establishment, monitoring, and reporting of statewide and regional performance targets and measures relating to Highway Safety, Pavement and Bridge Condition, National Highway System Performance, Freight Movement on the Interstate System, performance of the regional Congestion Mitigation and Air Quality Improvement (CMAQ) program, Transit Asset Management, and Transit Safety. In compliance with these federal requirements, SCAG has continued to coordinate with Caltrans and

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local stakeholders in the establishment of statewide and regional targets in each of these areas and has established a path towards achieving and monitoring the regional performance targets. More specifically, SCAG worked with state and local stakeholders on the establishment of two- and four-year regional performance targets for each of these federally designated performance areas. In FY 2020-21, SCAG reassessed the four-year regional targets at the two-year mid-point review period in October 2020 and no changes were recommended. SCAG also collaborates annually with Caltrans to update regional Highway Safety performance targets for each calendar year.

In FY 2020-21, SCAG incorporated an analysis of the federal performance measures and statewide and regional targets in Connect SoCal and in the 2021 FTIP. For FY 21-22, SCAG will provide periodic updates to regional stakeholders on progress being made toward achieving the regional MAP-21 performance targets. Furthermore, SCAG will continue to allocate appropriate resources toward this monitoring effort and will account for activities associated with fulfillment of these federal performance management and reporting requirements.

VI. Overview of Public Participation and Consultation

A. Public Participation Plan

Input and engagement from the across the region is critical in planning for such a large and diverse region. SCAG relies on public participation as the essential element to the ground-up and integrated approach to SCAG's planning. SCAG adopted a Public Participation Plan in September 2018 that details goals, objectives and state/federal requirements for providing the public and stakeholders with opportunities to understand, follow, and actively participate in the regional planning process. SCAG staff is also planning to update the Public Participation Plan (PPP) between Fall 2021 and Spring 2022 for the next round regional plan development—the Connect SoCal 2024 RTP/SCS and to include recommendations by the Committee on Equity and Social Justice

Consistent with state and federal regulations, SCAG provides for formal comment periods for the RTP/SCS, FTIP, as well as other major plans, projects and programs. The agency also engages in regular activities that provide on-going opportunities for public input at public meetings, hearings and workshops, an always available 'contact us' link and form on the agency website and 'contact

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us' form (print or online) in the adopted Public Participation Plan. SCAG reviews, addresses and incorporates as appropriate, all comments received. In addition, the Public Participation Plan includes language to assist transit operators who are relying on SCAG's FTIP public participation process to satisfy the public participation requirements for their Program of Projects, under 49 U.S.C. Section 5307.

SCAG is also required to demonstrate its compliance with the Department of Transportation's Title VI requirements every three years. An update to SCAG's Title VI Program which includes the agency's Language Assistance Program for Limited English Proficient populations (also referred to as LEP Plan), Public Participation Plan, and subrecipient monitoring procedures was adopted by the Regional Council in November 2020, and subsequently approved by the Federal Transit Administration.

B. Special Committee on Equity and Social Justice

The updated 2020 Title VI Program includes information about SCAG's Regional Council Resolution 20-623-2 adopted on July 20, 2020, which affirmed its commitment to meaningfully advance justice, equity, diversity, and inclusion, and declared its intent to end racial and social disparities internal to the agency, strengthen the way it engages and convenes to protect and expand community voice and power, and work in partnership with others to close the gap of racial injustice and better serve the region's communities of color. The resolution called for the formation of an ad hoc Special Committee on Equity and Social Justice to further develop SCAG's response to advancing social justice throughout the agency's activities and advise the Regional Council on policies and practices to advance its resolved intentions. This new committee is expected to provide its recommendations to SCAG's Regional Council by spring 2021.

With the development of its Language Assistance Program, SCAG is working toward improving its strategies to engage and seek input from traditionally underserved populations by providing translations of key materials into Spanish, Chinese, Korean and Vietnamese, the four most spoken languages in the region's households other than English. The Language Assistance Program also provides for interpreters in these languages at workshops and other public meetings, with 48 hours notification.

During the 10-week comment period for the Connect SoCal draft release, and as a result of the Community Partner Program through CBOs, SCAG developed a Public Engagement Guide. In FY

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2021-22, SCAG will implement several of these recommendations to further engage the general public and further community participation in meaningful ways, and these engagement strategies will also be incorporated into the updated PPP.

As part of SCAG's outreach, SCAG has been implementing a comprehensive public information and communications program to inform stakeholders, partners and the general public about agency programs, plans, services and initiatives using websites, social media, video production, publications, e-newsletters, op-eds, fact sheets, media advisories and news releases.

- Alerts via email, social media, electronic newsletters and in-person presentations to local governments, community organizations, academic groups, business organizations, environmental groups, Tribal Governments, under-represented groups and traditionally underserved groups.
- Increased opportunities for public engagement through video and web conferencing.
- Updating SCAG's websites to provide the latest news, notices of public comment period dates/times, and opportunities to provide comment.
- Design and adopt innovative engagement approaches to disadvantaged communities (DACs) through many Community Based Organizations (CBOs).

C. Connect SoCal Public Engagement

In FY 2021-22, SCAG will continue to conduct public engagement and outreach for Connect SoCal, which includes:

- Ongoing work with cities and counties on development of technical assistance with geospatial information and applications for their General Plan housing, safety and EJ elements update.
- Monthly Stakeholder Working Groups to seek input on specific study areas within the Plan, such as open space, public health, active transportation, mobility innovations and environmental justice.
- Presentations to local and subregional Councils of Governments, cities and other technical advisory committees on the development of Connect SoCal.

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Between FY 2021-22 and FY2023-24, SCAG will conduct additional public engagement and outreach for Connect SoCal, which will include:

- Partnerships with local non-profits in developing a vision for sustainable growth and trade-offs.
- Outreach to DACs through CBOs to understand their needs and provide financial and technical assistance accordingly.
- Workshops, open houses, webinars, tele-townhalls and other meetings throughout the region.
- Policy discussions at the board and committee levels.

In FY 2021-22, SCAG will begin collecting geospatial data, convening panel of experts, and updating growth forecasts of population, employment and households to lay foundations for the development of the next regional plan—Connect SoCal 2024 RTP/SC. To plan for a robust and extensive outreach efforts ready for the introduction, promotion, early and meaningful participation of Connect SoCal 2024 development process, SCAG staff will begin to update the Public Participation Plan (PPP) starting Fall 2021 and complete its update by Spring 2022. The objectives of PPP update include developing an advertising strategy, facilitating and coordinating outreach forums during the early development phase of the Plan, and increasing participation from a wide variety of stakeholders, in particular the DACs.

D. SCAG Regional Offices

In addition to its main headquarters in Los Angeles, SCAG operates a Regional Office in five (5) other counties in Southern California and has videoconferencing sites at three (3) additional locations throughout the region. Videoconferencing further enhances the agency's outreach efforts as well as accessibility to the public. Through these Regional Offices and videoconferencing sites, SCAG can engage an extensive group of stakeholders in its planning and programming processes by facilitating meetings, workshops, and other events and enhances the level of convenience for members, stakeholders and others interested in learning more about regional planning. SCAG will continue to advance its public participation and consultation efforts using its Regional Offices. Due to the COVID-19 pandemic all of SCAG's offices have been closed except for essential personnel. In FY 2021-22 SCAG will continue to monitor public health directives and has developed a plan, with objective criteria for office location re-openings.

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E. Native American Tribal Governments Consultation

There are 16 federally recognized Native American Tribal Governments in the SCAG region. SCAG's Bylaws provide Tribal Governments a formal voice in the regional planning process, including voting representation on the Regional Council and policy committees. In response to state and federal consultation requirements, as well as public participation needs and environmental justice concerns, SCAG is continuing to develop processes to ensure that Tribal Governments' concerns are reflected in the regional transportation planning and programming processes, including developing documented procedures for consultation with Indian Tribal Governments and Federal Land Management Agencies.

In FY 2019-20, SCAG initiated Tribal Consultation pursuant to AB 52 to support the development of the Connect SoCal PEIR. In FY 2020-21, SCAG conducted a virtual Listening Session to gather direct feedback from tribal leadership regarding the tribes most pressing matters and areas of need which pertain to SCAG's core mission and programs. SCAG has been providing updates to the Tribal Alliance for Sovereign Indian Nations (TASIN) and TASIN has helped SCAG with the selection of elected Tribal Councilmembers to serve on SCAG's Regional Council and policy committees. In January 2021, TASIN facilitated the appointments of participants to bring their Native American perspective to the Global Land Use and Economic (GLUE) Council.

SCAG will continue engagement to consult with Tribal Governments in FY 2021-22 to exchange information, have consultation meetings, provide updates and obtain input on the implementation of Connect SoCal and develop potential mitigation measures with regards to Tribal Cultural Resources for future planning cycles.

SCAG ORGANIZATIONAL STRUCTURE AND DECISION-MAKING STEPS

General Assembly (GA) – SCAG is governed by official representatives from every member city, county and CTC through the GA which annually brings together SCAG's membership and helps set the course for the coming year. The GA is a forum where policy matters can be identified and addressed. The GA also adopts the General Fund budget for the next fiscal year, ratifies SCAG officer positions, and considers approval of any proposed changes to the SCAG Bylaws as well as

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any proposed resolutions for adoption by the GA.

Regional Council (RC) – The primary decision-making occurs through SCAG’s RC, a governing body comprised of elected officials representing six (6) counties and 191 cities in the SCAG region. The SCAG Bylaws provide for RC representation from each of the CTCs, the recognized tribal governments, air quality agencies and the Transportation Corridor Agencies. In September 2014, the RC also approved the addition of a public transportation representative to serve on the body to represent the transit interests of all the operators in the SCAG region. SCAG’s policy-making process is guided by the work of SCAG’s three major Policy Committees: the Transportation Committee; the Community, Economic and Human Development Committee; and the Energy and Environment Committee. Members of the RC serve on one of the three Policy Committees for two-year terms.

The following summarizes the roles of the Policy Committees as well as other committees with SCAG:

Transportation Committee (TC) – The TC examines regional policies, programs and other matters pertaining to mobility and accessibility, roads and highways, transit, airports and seaports, system preservation and management, goods movement, transportation finance and other aspects of Southern California’s transportation system.

Community, Economic and Human Development Committee (CEHD) – The CEHD oversees the agency’s efforts to develop regional policies for housing, economic development, land use, growth forecasting, sustainability and other community development needs.

Energy and Environment Committee (EEC) – The EEC considers environmental and energy-related issues of regional significance, including air and water quality, solid and hazardous waste, habitat preservation, environmental justice, greenhouse gas reduction and matters pertaining to the California Environmental Quality Act.

Legislative, Communications and Membership Committee (LCMC) – The LCMC is responsible for developing recommendations to the Regional Council regarding legislative, communications and membership matters; providing policy direction for the agency’s marketing communications strategy, outreach issues/materials and electronic communications systems; reviewing sponsorship opportunities for the agency whose cost will exceed \$5,000; and promoting

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agency membership. The duties of the LCMC may also include such other duties as the RC may delegate.

Executive/Administration Committee (EAC) – SCAG’s core leadership team is represented by the EAC, which includes the RC Officers (President, First Vice President, Second Vice President and Immediate Past President) and Policy Committee Chairs and Vice Chairs. In addition to their critical position in guiding SCAG’s regional decision-making process, EAC members play an elevated role as SCAG representatives throughout the region as well as at the state and federal levels. The EAC also addresses matters regarding human resources, budgets, finance, operations, communications and any other matters referred by the RC. Membership includes the SCAG Officers, Chairs and Vice Chairs of the LCMC and the three (3) Policy Committees, the representative from the Tribal Government Planning Board serving on the RC, and an additional four (4) RC members appointed by the SCAG President. In addition, the President may appoint one (1) member from the private sector to serve on the EAC in an ex-officio, non-voting capacity.

Policy Task Forces/Subcommittees – In addition to the Policy Committees, the RC has established a number of task forces, subcommittees, and peer groups to provide for focused attention to specific policy or planning issues. Currently, the following groups meet as needed:

- Audit Committee
- Bylaws & Resolutions Committee
- Emerging Technologies Committee
- Nominating Committee

Subregions – A total of 15 subregions represent portions of the SCAG region with shared interests, issues and geography. Subregions play an important role as a conduit between SCAG and the cities and counties of the region by participating and providing input on SCAG’s planning activities. This involvement helps the Regional Council, and its various committees make better informed decisions.

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The 15 subregions in the six (6) counties that make up the SCAG region are listed below.

Imperial County

- Imperial County Transportation Commission (ICTC)

Los Angeles County

- Arroyo Verdugo Communities Joint Powers Authority (AVCJP)
- City of Los Angeles
- Gateway Cities Council of Governments (GCCOG)
- Las Virgenes – Malibu Council of Governments
- North Los Angeles County Transportation Coalition
- San Gabriel Valley Council of Governments (SGVCOG)
- San Fernando Valley Council of Governments (SFVCOG)
- South Bay Cities Council of Governments (SBCCOG)
- Westside Cities Council of Governments (WCCOG)

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Orange County

- Orange County Council of Governments (OCCOG)

Riverside County

- Coachella Valley Association of Governments (CVAG)
- Western Riverside Council of Governments (WRCOG)

San Bernardino County

- San Bernardino County Transportation Authority (SBCTA)/San Bernardino Council of Governments

Ventura County

- Ventura Council of Governments (VCOG)



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021–2022

SECTION II

**Work Elements,
Projects, Tasks**



PROGRAM: 010 - SYSTEM PLANNING

MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$1,483,928

OBJECTIVE

Transportation System Planning involves long-term planning for system preservation, system maintenance, optimization of system utilization, system safety, and strategic system expansion of all modes of transportation for people and goods in the six-county region, including Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. The RTP/SCS is the primary vehicle SCAG uses to achieve our transportation system planning goals and objectives. As the MPO for this region, one of SCAG's major responsibilities is to develop, administer, and update the RTP/SCS. The primary objective of this work element is to ensure SCAG is fulfilling its roles and responsibilities in this area as the designated MPO and RTPA for this region. The focus of FY 2021-22 will be to develop a framework and work with our partners towards implementation of the adopted 2020 RTP/SCS (Connect SoCal). SCAG will ensure that Connect SoCal is consistent with state and federal requirements while addressing the region's transportation needs.

PROJECT: REGIONAL TRANSPORTATION PLAN (RTP)

DEPARTMENT NAME: 412 - TRANSPORTATION PLANNING & PROGRAMMING DEPT

MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$391,527

PROJECT DESCRIPTION

Maintain, manage, and guide the implementation of the 2020 Regional Transportation Plan/Sustainable Communities Strategy (2020 RTP/SCS) or Connect SoCal and initiate its amendments as needed. Ensure that the RTP/SCS is consistent with state and federal requirements while addressing the region's transportation needs .

TASK: 22-010.0170.01 **TASK BUDGET:** \$391,527

TASK NAME: RTP AMENDMENTS, MANAGEMENT AND COORDINATION

Carryover Ongoing **PROJECT MANAGER:** NARESH AMATYA

PROGRAM: 010 - SYSTEM PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	79,190	0	0	0	79,190
Benefits	61,961	0	0	0	61,961
Indirect Cost	199,467	0	0	0	199,467
Travel	6,000	0	0	0	6,000
In-Kind Commits	44,909	0	0	0	44,909
Total	\$391,527	\$0	\$0	\$0	\$391,527

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	346,618	0	0	0	346,618
In-Kind Commits	44,909	0	0	0	44,909
Total	\$391,527	\$0	\$0	\$0	\$391,527

PREVIOUS ACCOMPLISHMENTS

Adoption of the 2020 RTP/SCS or Connect SoCal by the Regional Council and its certification for transportation conformity by the federal agencies and for meeting the GHG target by the California Air Resources Board .

OBJECTIVES

Manage and administer the Regional Transportation Plan (RTP), including processing amendments, maintaining project listing, and communication and coordination with the stakeholders and public as applicable.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Amendments to RTP.	Staff	07/01/2021	06/30/2022
2	Management and coordination of Project Listing.	Staff	07/01/2021	06/30/2022
3	Coordination and communication with stakeholders.	Staff	07/01/2021	06/30/2022



PROGRAM: 010 - SYSTEM PLANNING

Product No	Product Description	Completion Date
1	RTP amendments as applicable	06/30/2022
2	Technical issue papers, memorandums, presentations, and applicable reports	06/30/2022
3	Staff reports, memos, applicable technical documents etc.	06/30/2022

PROJECT: CONGESTION MGMT./TRAVEL DEMAND MGMT.

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT
 MANAGER: PHILIP LAW TOTAL BUDGET: \$984,282

PROJECT DESCRIPTION

Ensure that Congestion Management and Transportation Demand Management (TDM) strategies are part of the continuing Transportation Planning Process. Develop and refine measures to monitor and evaluate current and projected congestion. Identify strategies to manage congestion for inclusion in the RTP/SCS update. Continue to monitor and review County Congestion Management Programs for consistency with the RTP/SCS and State and Federal Requirements.

TASK: **22-010.1631.02** TASK BUDGET: \$358,233
 TASK NAME: **TRANSPORTATION DEMAND MANAGEMENT (TDM) PLANNING**

Carryover Ongoing PROJECT MANAGER: THOMAS BELLINO

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	73,500	0	0	0	73,500
Benefits	57,509	0	0	0	57,509
Indirect Cost	185,134	0	0	0	185,134
Travel	1,000	0	0	0	1,000
In-Kind Commits	41,090	0	0	0	41,090
Total	\$358,233	\$0	\$0	\$0	\$358,233



PROGRAM: 010 - SYSTEM PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	317,143	0	0	0	317,143
In-Kind Commits	41,090	0	0	0	41,090
Total	\$358,233	\$0	\$0	\$0	\$358,233

PREVIOUS ACCOMPLISHMENTS

Attended workshops, webinars, trainings, and distributed findings among member agencies. Convened member agencies and other stakeholders to work on TDM projects. Worked on multiple efforts within SCAG to increase use of non-solo driving commute modes. Researched and distributed information regarding telework as a TDM strategy. Put TDM Strategic Plan and TDM Toolbox on website.

OBJECTIVES

Transportation Demand Management (TDM) is a key strategy for helping the region achieve its mobility, air quality, and sustainability goals. The objective of this task is to develop and promote transportation options to improve mobility in the region by identifying and evaluating strategies that promote alternatives to the single-occupant vehicle (SOV). The TDM Toolbox is a cafeteria of TDM strategies, such as carpooling, vanpooling, parking cash-out, etc., designed to reduce overall vehicle-miles of travel (VMT). The TDM Toolbox can be found in the Connect SoCal 2020 RTP/SCS Congestion Management Appendix.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Continue updating and refining the TDM toolbox of strategies and other TDM related resources (research, analysis, guidance) to be made available on the SCAG website.	Staff	07/01/2021	06/30/2022
2	Manage consultant technical studies under the 010.1631 project, including review of deliverables, progress reports and invoices	Staff	07/01/2021	06/30/2022
3	Convene regional TDM stakeholders to facilitate coordination and input to SCAG TDM planning efforts	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Refine and update TDM Toolbox on new SCAG website.	06/30/2022
2	Staff reports, technical memoranda, and meeting materials including agendas, presentations, and meeting summaries.	06/30/2022

TASK: 22-010.1631.04 **TASK BUDGET: \$15,674**

TASK NAME: CONGESTION MANAGEMENT PROCESS (CMP)

Carryover Ongoing **PROJECT MANAGER: THOMAS BELLINO**

PROGRAM: 010 - SYSTEM PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	3,226	0	0	0	3,226
Benefits	2,524	0	0	0	2,524
Indirect Cost	8,126	0	0	0	8,126
In-Kind Commits	1,798	0	0	0	1,798
Total	\$15,674	\$0	\$0	\$0	\$15,674

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	13,876	0	0	0	13,876
In-Kind Commits	1,798	0	0	0	1,798
Total	\$15,674	\$0	\$0	\$0	\$15,674

PREVIOUS ACCOMPLISHMENTS

Submitted CMP comment letter. Reviewed and monitored CMP for consistency with state and federal requirements. Monitored and reviewed county submissions to FTIP for consistency with USDOT requirements. Reviewed and refined measures to monitor and mitigate congestion.

OBJECTIVES

The objective of this task is to ensure congestion management is part of the continuing transportation planning process in accordance with California Government Code 65089 and the US Code of Federal Regulations, 23CFR450.320. Measures to monitor current congestion, evaluate projected congestion, and identify strategies to manage congestion will be incorporated into the RTP/SCS update.



Caltrans Report

FY 2021 - 2022 OWP

PROGRAM: 010 - SYSTEM PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Monitor and review county Congestion Management Programs for consistency with state and federal requirements.	Staff	07/01/2021	06/30/2022
2	Monitor and review county submissions to Federal Transportation Improvement Program (FTIP) for consistency with USDOT requirements for Congestion Management Process (23 CFR 450.320).	Staff	07/01/2021	06/30/2022
3	Review and refine measures to monitor and evaluate current and projected congestion, and identify strategies to manage congestion for inclusion in RTP/SCS.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	County Congestion Management Program comment letters.	06/30/2022

TASK: 22-010.1631.06 **TASK BUDGET: \$366,000**
TASK NAME: TDM STRATEGIC PLAN PHASE 2 - IMPLEMENTATION

Carryover Ongoing **PROJECT MANAGER: THOMAS BELLINO**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant TC	0	0	366,000	0	366,000
Total	\$0	\$0	\$366,000	\$0	\$366,000
Toll Credits/Not an Expenditure	0	0	41,981	0	41,981

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
FTA 5303	0	366,000	0	0	366,000
Total	\$0	\$366,000	\$0	\$0	\$366,000
Toll Credits/Not a revenue	0	0	41,981	0	41,981



PROGRAM: 010 - SYSTEM PLANNING

PREVIOUS ACCOMPLISHMENTS

Developed and released RFPs for TDM Trainings and TDM Data Standards and User Needs projects. Selected consultants for both projects. As of end of FY20/21, will have begun both projects.

OBJECTIVES

SCAG completed the TDM Strategic Plan in August 2019. The final report identifies a set of recommendations to improve and advance TDM in the SCAG region to support GHG and VMT reduction. This task advances two of the priority recommendations, to provide technical support to local agencies seeking to implement TDM, and to develop regional standards and a regional clearinghouse for TDM performance metrics and data.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop and execute TDM training sessions to be held around the region.	Staff/Consultant	07/01/2021	06/30/2022
2	Develop data collection best practices and user needs for the forthcoming data clearinghouse.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	12 TDM training sessions to be held around the region	06/30/2022
2	Best Practices document on data collection standards and user needs for data clearinghouse.	06/30/2022

TASK: 22-010.1631.07 **TASK BUDGET: \$244,375**
TASK NAME: PLANNING FOR THE 2028 OLYMPICS

Carryover Ongoing **PROJECT MANAGER: PHILIP LAW**

PROGRAM: 010 - SYSTEM PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	1,531	0	0	0	1,531
Benefits	1,198	0	0	0	1,198
Indirect Cost	3,857	0	0	0	3,857
Consultant TC	0	0	236,935	0	236,935
In-Kind Commits	854	0	0	0	854
Total	\$7,440	\$0	\$236,935	\$0	\$244,375
Toll Credits/Not an Expenditure	0	0	27,177	0	27,177

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	6,586	0	0	0	6,586
FTA 5303	0	0	236,935	0	236,935
In-Kind Commits	854	0	0	0	854
Total	\$7,440	\$0	\$236,935	\$0	\$244,375
Toll Credits/Not a revenue	0	0	40,145	0	40,145

PREVIOUS ACCOMPLISHMENTS

Work on this project was temporarily paused in FY21 due to COVID-19.

OBJECTIVES

Develop a coordinated regional approach to managing transportation demand during the 2028 Olympics, with a focus on regional inter-county transit and transportation, transportation demand management (TDM), outreach and education to the public, employers, and businesses, and freight delivery strategies. This multi-year project will begin in FY2020-21 and is expected to conclude in FY2021-22.



PROGRAM: 010 - SYSTEM PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research best practices from strategies employed during previous large scale events including Olympics.	Consultant	09/01/2021	12/31/2021
2	Engage with key stakeholders including local jurisdictions, transportation providers and representatives of employers and businesses.	Consultant	09/01/2021	06/30/2022
3	Develop TDM strategies for multi-modal inter-county travel and urban freight delivery	Consultant	01/01/2022	06/30/2022

Product No	Product Description	Completion Date
1	Best practices technical memorandum	12/31/2021
2	Stakeholder engagement strategy technical report	10/31/2021
3	Draft Strategies Identification Report	06/30/2022

PROJECT: SYSTEM MANAGEMENT AND PRESERVATION

DEPARTMENT NAME: 412 - TRANSPORTATION PLANNING & PROGRAMMING DEPT

MANAGER: NARESH AMATYA

TOTAL BUDGET: \$108,119

PROJECT DESCRIPTION

This project will continue ongoing efforts to incorporate performance-based regional transportation system management and monitoring as part of the 2020 RTP/SCS to help address the region's preservation needs. This project also aims to inform policies as part of the system preservation needs of the region for the 2020 RTP/SCS. Per MAP-21 requirements, establish regional targets for pavement and bridge condition in coordination with Caltrans.

*Previously labeled as "System Preservation"

TASK: 22-010.2106.02

TASK BUDGET: \$108,119

TASK NAME: SYSTEM MANAGEMENT AND PRESERVATION

Carryover Ongoing **PROJECT MANAGER:** NANCY LO

PROGRAM: 010 - SYSTEM PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	22,253	0	0	0	22,253
Benefits	17,412	0	0	0	17,412
Indirect Cost	56,052	0	0	0	56,052
In-Kind Commits	12,402	0	0	0	12,402
Total	\$108,119	\$0	\$0	\$0	\$108,119

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
FHWA PL	95,717	0	0	0	95,717
In-Kind Commits	12,402	0	0	0	12,402
Total	\$108,119	\$0	\$0	\$0	\$108,119

PREVIOUS ACCOMPLISHMENTS

Prepared data and analysis for conforming the pavement and bridge condition targets for 2022 and 2024.

OBJECTIVES

Address the region's transportation system management and preservation needs and monitor progress. Also, establish targets for roadway pavement and bridge condition pursuant to MAP-21 requirements.

*Previously labeled as "System Preservation". The reason for name change was to incorporate MAP-21 Performance Measures as related to system management as part of the task.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Monitor progress of the System Management and Preservation element of the 2020 RTP/SCS	Staff	07/01/2021	06/30/2022
2	Establish pavement and bridge condition targets for 2022 and 2024	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Progress report and target report for pavement and bridge condition	06/30/2022



PROGRAM: 015 - TRANSPORTATION FINANCE

MANAGER: ANNIE NAM **TOTAL BUDGET:** \$823,267

OBJECTIVE

This work program is critical to addressing some of SCAG’s core activities—specifically , satisfying federal planning requirements on financial constraint; ensuring a reasonably available revenue forecast through the RTP/SCS planning horizon, and addressing system level operation and maintenance cost analyses along with capital cost evaluation of transportation investments. In FY 2020-21, this work program will continue development of the Connect SoCal financial plan.

PROJECT: TRANSPORTATION FINANCE

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.
MANAGER: ANNIE NAM **TOTAL BUDGET:** \$823,267

PROJECT DESCRIPTION

Development of technical and policy work associated with the Regional Transportation Plan (RTP) Financial Plan. The work also focuses on innovative funding and financing strategies to ensure that SCAG explores all feasible funding opportunities for transportation infrastructure development and preservation.

TASK: 22-015.0159.01 **TASK BUDGET:** \$414,693
TASK NAME: RTP FINANCIAL PLANNING

Carryover Ongoing **PROJECT MANAGER:** ANNIE NAM

PROGRAM: 015 - TRANSPORTATION FINANCE

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	70,645	0	0	0	70,645
Benefits	55,275	0	0	0	55,275
Indirect Cost	177,942	0	0	0	177,942
Printing	2,500	0	0	0	2,500
Travel	6,500	0	0	0	6,500
Other	10,000	0	0	0	10,000
Consultant TC	0	0	50,000	0	50,000
In-Kind Commits	41,831	0	0	0	41,831
Total	\$364,693	\$0	\$50,000	\$0	\$414,693
Toll Credits/Not an Expenditure	0	0	5,735	0	5,735

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	322,862	0	0	0	322,862
FTA 5303	0	0	50,000	0	50,000
In-Kind Commits	41,831	0	0	0	41,831
Total	\$364,693	\$0	\$50,000	\$0	\$414,693
Toll Credits/Not a revenue	0	0	5,735	0	5,735

PREVIOUS ACCOMPLISHMENTS

Completed 2020 RTP/SCS financial plan documentation for Connect SoCal adoption. Conducting further refinements to update model.

OBJECTIVES

Development of 2020 RTP/SCS financial plan and supporting elements. Facilitate work on efforts to evaluate alternative funding mechanisms. Collaborate with stakeholders on federal surface transportation re-authorization



PROGRAM: 015 - TRANSPORTATION FINANCE

efforts related to technical input and analyses associated with transportation finance component .

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Assess implementation components of the financial component of the RTP/SCS, and coordinate with regional stakeholders as appropriate.	Staff	07/01/2021	06/30/2022
2	Monitor state and federal budgets as well as reauthorization efforts to assess implications on the RTP/SCS financial plan.	Staff/Consultant	07/01/2021	06/30/2022
3	Develop/produce technical work and analysis of transportation funding/financing mechanisms.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Technical issue papers, memorandums, and/or reports highlighting regional transportation finance concerns, including assessment of current financial system needs.	06/30/2022

TASK: 22-015.0159.02 **TASK BUDGET: \$408,574**
TASK NAME: TRANSPORTATION USER FEE - PLANNING GROUNDWORK PROJECT PHASE II

Carryover Ongoing **PROJECT MANAGER: ANNIE NAM**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	12,056	0	0	0	12,056
Benefits	9,433	0	0	0	9,433
Indirect Cost	30,366	0	0	0	30,366
Consultant	0	57,000	0	0	57,000
Consultant TC	0	0	293,000	0	293,000
In-Kind Commits	6,719	0	0	0	6,719
Total	\$58,574	\$57,000	\$293,000	\$0	\$408,574
Toll Credits/Not an Expenditure	0	0	33,608	0	33,608

PROGRAM: 015 - TRANSPORTATION FINANCE

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	51,855	0	0	0	51,855
FTA 5303	0	0	293,000	50,462	343,462
TDA	0	0	0	6,538	6,538
In-Kind Commits	6,719	0	0	0	6,719
Total	\$58,574	\$0	\$293,000	\$57,000	\$408,574
Toll Credits/Not a revenue	0	0	33,608	0	33,608

PREVIOUS ACCOMPLISHMENTS

Initiating ground work for assessing travel behavior

OBJECTIVES

Research, development, and demonstration specific to Southern California context. Explore partnerships with automobile manufacturers and technology developers, and local/regional business leaders, including targeted marketing and research specific to the SCAG region. Continue development of strategic action plan and initial demonstration framework. Consider efforts outside the region for their application in the Southern California context.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Project manage all components of work including coordination with task leads, convening meetings, reviewing task deliverables, providing general direction and oversight of work activities, etc.	Staff	07/01/2021	06/30/2022
2	Development of strategic framework for a transportation user fee.	Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Technical issue papers, memorandums and/or reports on transportation user fees.	06/30/2022



PROGRAM: 020 - ENVIRONMENTAL PLANNING

MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$1,808,797

OBJECTIVE

Prepare environmental documentation to ensure regulatory compliance with applicable federal and state laws. Review environmental plans, programs, and projects of regional significance. Monitor changes in environmental compliance requirements such as OPR's update to the State California Environmental Quality Act (CEQA) Guidelines and recent case laws regarding CEQA litigation. The focus of FY 21-22 will be developing Addendums to the Connect SoCal Program Environmental Impact Report (PEIR), as needed, pursuant to CEQA. SCAG will initiate a CEQA Program that provides services to SCAG and local jurisdictions. Work efforts would include assisting with CEQA streamlining and exemptions for housing and transit priority projects, strategies for regional mitigation, implementing SCAG mitigation measures, serve in an advisory capacity for updates to the State CEQA Guidelines, coordination with sister agencies (CARB, SCAQMD, Etc.) to develop a cohesive and regionally consistent way to evaluate environmental impacts.

On environmental justice, SCAG staff will also monitor potential changes to EJ requirements and related policies (i.e. SB1000, AB617), provide support services to member agencies, as needed, to ensure regulatory compliance, and provide on-going outreach opportunities with local jurisdictions and EJ stakeholders to discuss and collect input on environmental justice issues relevant to the region by means of the Environmental Justice Working Group. And SCAG staff will use these outreach opportunities to monitor implementation of EJ policies and assist local jurisdictions that may benefit from SCAG's wide range of EJ analysis and data.

PROJECT: ENVIRONMENTAL COMPLIANCE

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$1,808,797

PROJECT DESCRIPTION

Pursuant to the State CEQA guidelines, prepare and complete the Addendum Programmatic Environmental Impact Report (PEIR) for Connect SoCal Plan.

Provide 3rd tier level CEQA documentation (Categorical Exemptions) for SCAG's existing programs

Expand CEQA program and provide services (i.e., workshops) to local jurisdictions related to CEQA streamlining, regional mitigation, and updates to the State CEQA Guidelines. Program would assist in the implementation of SCAG's mitigation measures referenced in the Connect SoCal PEIR.

Intergovernmental review of environmental documents for plans and programs of Regional significance.

TASK: 22-020.0161.04 **TASK BUDGET:** \$1,125,692
TASK NAME: ENVIRONMENTAL COMPLIANCE, COORDINATION & OUTREACH

Carryover Ongoing **PROJECT MANAGER:** ROLAND OK

PROGRAM: 020 - ENVIRONMENTAL PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	195,240	0	0	0	195,240
Benefits	152,762	0	0	0	152,762
Indirect Cost	491,778	0	0	0	491,778
Printing	4,000	0	0	0	4,000
Travel	5,000	0	0	0	5,000
Other	15,000	0	0	0	15,000
Consultant TC	0	0	150,000	0	150,000
In-Kind Commits	111,912	0	0	0	111,912
Total	\$975,692	\$0	\$150,000	\$0	\$1,125,692
Toll Credits/Not an Expenditure	0	0	17,205	0	17,205

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	452,948	0	0	0	452,948
FTA 5303	10,832	0	150,000	0	160,832
FTA 5303 C/O	400,000	0	0	0	400,000
In-Kind Commits	111,912	0	0	0	111,912
Total	\$975,692	\$0	\$150,000	\$0	\$1,125,692
Toll Credits/Not a revenue	0	0	17,205	0	17,205

PREVIOUS ACCOMPLISHMENTS

Connect SoCal PEIR was approved/certified by the Regional Council on May 7, 2020
 Connect SoCal PEIR Addendum 1 was approved by the Regional Council on September 3, 2020
 Connect SoCal PEIR Addendum to be approved Q4 (End) of 2021

PROGRAM: 020 - ENVIRONMENTAL PLANNING

OBJECTIVES

Under this task SCAG will initiate the upcoming 2024 RTP/SCS Program Environmental Impact Report (PEIR)

Under this task SCAG will conduct Addendum PEIRs as needed for potential project list updates to the Connect SoCal Plan.

Under this task, SCAG will also conduct 3rd tier CEQA documentation (Categorical Exemptions) for SCAG's existing programs (i.e, Go Human Pilot Projects)

Under this task SCAG will provide services (i.e, workshops to local jurisdictions related to CEQA streamlining, regional mitigation and updates to the State CEQA guidelines or other mandates from OPR which may affect CEQA. Program would also assist in the implementation of SCAG's mitigation measures as referenced in the Connect SoCal PEIR

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Prepare CEQA Compliance – Addendum PEIRs for Connect SoCal PEIR: Evaluate potential project changes and fulfill environmental compliance requirements pursuant to CEQA	Staff	07/01/2021	06/30/2022
2	Prepare CEQA Compliance – Additional CEQA documentation for SCAG’s programs: Conduct 3rd tier level CEQA documentation (Categorical Exemption) for SCAG’s existing programs (i.e., Go Human Pilot Projects)	Staff	07/01/2021	06/30/2022
3	Expand on SCAG’s CEQA program and provide services (i.e., workshops) to local jurisdictions related to CEQA streamlining, regional mitigation and updates to the State CEQA guidelines or other mandates from OPR which may affect CEQA. Program would expand upon the implementation of SCAG’s Mitigation Measures referenced in the Connect SoCal PEIR.	Staff/Consultant	07/01/2021	06/30/2022
4	Develop CEQA Streamlining Guidance document	Consultant	07/01/2021	06/30/2022
5	Initiate 2024 RTP/SCS PEIR	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Addendum PEIR for Connect SoCal PEIR	06/30/2022
2	Additional CEQA Documentation for SCAG's Programs (Categorical Exemptions)	06/30/2022
3	CEQA Program - Mitigation Program, Workshops, Outreach, SCS consistency services, CEQA Website that gives local jurisdictions guidance on how to utilize the Connect SoCal PEIR for streamlining purposes and other CEQA related issues.	06/30/2022
4	2024 RTP/SCS PEIR	06/30/2022
5	CEQA Streamlining Guidance Document	06/30/2022



PROGRAM: 020 - ENVIRONMENTAL PLANNING

TASK: 22-020.0161.05 **TASK BUDGET: \$96,571**
TASK NAME: INTERGOVERNMENTAL REVIEW (IGR)

Carryover Ongoing **PROJECT MANAGER: ANITAAU**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	19,877	0	0	0	19,877
Benefits	15,552	0	0	0	15,552
Indirect Cost	50,065	0	0	0	50,065
In-Kind Commits	11,077	0	0	0	11,077
Total	\$96,571	\$0	\$0	\$0	\$96,571

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	85,494	0	0	0	85,494
In-Kind Commits	11,077	0	0	0	11,077
Total	\$96,571	\$0	\$0	\$0	\$96,571

PREVIOUS ACCOMPLISHMENTS

Reviewed environmental documents submitted to SCAG, commented on regionally significant projects and prepared acknowledgement letters for federal grant applications. Staff has prepared weekly IGR reports summarizing all CEQA notices received in the week, three (3) out of six (6) Bi-monthly Inter-Governmental Review (IGR) Clearinghouse Reports, and seven (7) comment letters on the Notices of Preparation for regionally significant projects. And IGR staff, along with IT staff, have developed and launched the updated IGR database application for internal use.

OBJECTIVES

To provide grant acknowledgements and review environmental documents for regionally significant projects, plans, and programs for consistency with the goals and policies of the RTP/SCS. To include internal coordination to integrate performance monitoring in the review of environmental documents.



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PROGRAM: 020 - ENVIRONMENTAL PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Review grants, plans, programs, and projects subject to the Intergovernmental Review for consistency with RTP/SCS goals and policies	Staff	07/01/2021	06/30/2022
2	Prepare federal grant acknowledgement letters and RTP/SCS consistency letters for projects of regional significance	Staff	07/01/2021	06/30/2022
3	Prepare bi-monthly IGR Clearinghouse reports to facilitate interagency consultation and public participation regarding federal grants and regionally significant projects that may impact the RTP/SCS	Staff	07/01/2021	06/30/2022
4	Prepare annual IGR Clearinghouse report that summarizes yearly Clearinghouse activities	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Bi-monthly IGR clearinghouse reports	06/30/2022
2	Annual clearinghouse report	06/30/2021

TASK: 22-020.0161.06 **TASK BUDGET: \$586,534**
TASK NAME: ENVIRONMENTAL JUSTICE OUTREACH AND POLICY COORDINATION

Carryover Ongoing **PROJECT MANAGER: ANITA AU**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	120,722	0	0	0	120,722
Benefits	94,457	0	0	0	94,457
Indirect Cost	304,079	0	0	0	304,079
In-Kind Commits	67,276	0	0	0	67,276
Total	\$586,534	\$0	\$0	\$0	\$586,534

PROGRAM: 020 - ENVIRONMENTAL PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	519,258	0	0	0	519,258
In-Kind Commits	67,276	0	0	0	67,276
Total	\$586,534	\$0	\$0	\$0	\$586,534

PREVIOUS ACCOMPLISHMENTS

SCAG staff has continued to reach out to stakeholders to monitor stakeholders' concerns related to environmental justice, monitor potential changes to environmental justice requirements and policies and monitor and assess regional environmental justice issues. Staff also hosted an Environmental Justice Working Group meeting in November 2020 and will host another meeting in March 2021. A Public Health/Environmental Justice Fellow also initiated work on enhancing the EJ Toolbox and plans to present an updated Toolbox to stakeholders at the aforementioned March 2021 meeting.

OBJECTIVES

In efforts to create an on-going Environmental Justice Program, SCAG staff will monitor potential changes to environmental justice requirements and policies (i.e. SB1000, AB617), provide support services to member agencies, as needed, to ensure regulatory compliance, and provide on-going outreach opportunities with local jurisdictions and EJ stakeholders to discuss and collect input on environmental justice issues relevant to the region by means of the Environmental Justice Working Group. SCAG staff will also use these outreach opportunities to monitor implementation of EJ policies and assist local jurisdictions that may benefit from SCAG's wide range of EJ analysis and data.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Monitor for potential changes to environmental justice requirements and policies. Work with stakeholders on environmental justice concerns as they relate to transportation planning as needed.	Staff	07/01/2021	06/30/2022
2	Monitor and assess regional environmental justice issues in collaboration with other local, regional, and statewide planning partners and stakeholders.	Staff	07/01/2021	06/30/2022
3	Continue to coordinate with local jurisdictions and EJ stakeholders through the Environmental Justice Working Group to discuss and collect input on environmental justice issues in the region.	Staff	07/01/2021	06/30/2022
4	Continue to outreach to environmental justice stakeholders to address stakeholder concerns and comments collected during the Connect SoCal process	Staff	07/01/2021	06/30/2022



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PROGRAM: 020 - ENVIRONMENTAL PLANNING

Product No	Product Description	Completion Date
1	Environmental Justice Working Group development and outreach documentation (meeting summaries, meeting materials, etc.)	06/30/2022
2	Memo describing or materials produced to demonstrate how staff addressed stakeholder comments and concerns during the Connect SoCal process.	06/30/2022



PROGRAM: 025 - AIR QUALITY AND CONFORMITY

MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$869,697

OBJECTIVE

Oversee and/or perform regional transportation conformity and GHG emission analyses. Ensure that the RTP/SCS, FTIP and their amendments meet federal transportation Conformity requirements and state SB 375 regional GHG emission reduction targets. Oversee and/or provide support for SCAG air quality planning, analysis, documentation and policy implementation. This includes collaboration with the California Air Resources Board (ARB) and local air districts in the SCAG region in developing air quality management plans/state implementation plans (AQMPs/SIPs), including new transportation conformity emission budgets to meet federal transportation conformity requirements. Facilitate federally required interagency consultation via SCAG's Transportation Conformity Working Group (TCWG), including the processing and acting as clearinghouse for the particulate matter (PM) hot spot analysis for transportation projects within the region. Continue the process to ensure the timely implementation of transportation control measures (TCMs). Continue to track and participate in relevant air quality rulemaking. Collaborate with six County Transportation Commissions in the SCAG region to compile, review, and upload federally required information for projects funded by the Congestion Mitigation and Air Quality Improvement Program (CMAQ).

PROJECT: AIR QUALITY PLANNING AND CONFORMITY

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$869,697

PROJECT DESCRIPTION

Oversee and provide support for regional transportation conformity determination and related air quality planning, analysis, documentation and policy implementation in SCAG region. This includes collaboration with California Air Resources Board and local air districts in SCAG region in developing air quality management plans/state implementation plans including new emissions budgets to meet federal transportation conformity requirements. Facilitate federally required inter-agency consultation via SCAG's Transportation Conformity Working Group, including processing, and acting as Clearinghouse for particulate matter (PM) hot spot analyses for transportation projects within SCAG region. Ensure timely implementation of transportation control measures (TCMs). Track and participate in relevant air quality rule-making. Fulfill federally required annual CMAQ reporting requirements.

TASK: 22-025.0164.01 **TASK BUDGET:** \$869,697
TASK NAME: AIR QUALITY PLANNING AND CONFORMITY

Carryover Ongoing **PROJECT MANAGER:** RONGSHENG LUO

PROGRAM: 025 - AIR QUALITY AND CONFORMITY

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	164,596	0	0	0	164,596
Benefits	128,785	0	0	0	128,785
Indirect Cost	414,590	0	0	0	414,590
Consultant TC	0	0	70,000	0	70,000
In-Kind Commits	91,726	0	0	0	91,726
Total	\$799,697	\$0	\$70,000	\$0	\$869,697
Toll Credits/Not an Expenditure	0	0	8,029	0	8,029

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	707,971	0	0	0	707,971
FTA 5303	0	0	70,000	0	70,000
In-Kind Commits	91,726	0	0	0	91,726
Total	\$799,697	\$0	\$70,000	\$0	\$869,697
Toll Credits/Not a revenue	0	0	8,029	0	8,029

PREVIOUS ACCOMPLISHMENTS

1. Held five monthly TCWG meetings and processed eight PM hot spot interagency review forms .
2. Prepared transportation conformity portion of Executive Summary and three Sections of Draft 2021 FTIP.
3. Prepared and received federal approval of conformity analyses for three 2019 FTIP Amendments.
4. Prepared one item for monthly ED report and one RC/Policy Committee staff report on significant air quality and conformity issues/topics.
5. Finalized Connect SoCal Technical Methodology in collaboration with ARB staff and SCAG planning and modeling staff.
6. Participated in monthly MSRC and MSRC-TAC meetings and South Coast AQMP Advisory Group meetings.
7. Participated in development of MSRC work program and evaluation of proposals in response to MSRC solicitations.
8. Facilitated successful application for and award of \$15 million MSRC/SCAG Last-Mile Delivery Partnership.
9. Coordinated data request from South Coast AQMD and ARB for development of upcoming AQMPs/SIPs (in progress).
10. Received US EPA approval of new transportation conformity budgets for two nonattainment areas within SCAG

PROGRAM: 025 - AIR QUALITY AND CONFORMITY

region.
11. Collaborated with five CTCs in SCAG region to resolve issues related to timely implementation of committed TCMs.

OBJECTIVES

Conduct regional transportation conformity analysis and related air quality planning analysis, documentation and policy implementation to help improve air quality throughout SCAG region. Ensure RTP/SCS, FTIP and their amendments comply with federal transportation conformity regulations and other applicable federal and state air quality planning requirements. Resolve significant issues that may lead to highway sanctions and transportation conformity failures.

Facilitate inter-agency consultation and staff Transportation Conformity Working Group (TCWG) including processing and acting as clearinghouse for particulate matter (PM) hot spot analyses for transportation projects within SCAG region.

Update and ensure timely implementation of transportation control measures (TCMs).

Fulfil federal and state air quality planning requirements for South Coast Air Quality Management Plan (AQMP).

Track and report on relevant air quality rule makings, policies and issues.

Fulfill federally required annual Congestion Mitigation and Air Quality (CMAQ) Program reporting requirements.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Comply with transportation conformity regulations. Periodic conformity findings for RTP/FTIP updates or amendments. Oversee Clean Air Act transportation control measure (TCM) requirements including ensuring on-going timely implementation of TCMs and periodic TCM substitutions.	Staff	07/01/2021	06/30/2022
2	Provide staff support to the Transportation Conformity Working Group (TCWG).	Staff	07/01/2021	06/30/2022
3	Compile, review, approve, and upload annual reporting of CMAQ funded projects.	Staff	09/01/2021	04/30/2022
4	Present air quality issues to policy committees and task forces.	Staff	07/01/2021	06/30/2022
5	Participate in technical and policy committees/working groups and discussions on air quality, air plan development, and conformity.	Staff	07/01/2021	06/30/2022
6	Perform TCM Reasonably/Best Available Control Measures (RACM/BACM) Analyses to be Included in Appendix IV-C Regional Transportation Plan/Sustainable Communities Strategy and Transportation Control Measures of 2022 South Coast Air Quality Management Plan (AQMP).	Consultant	01/01/2022	06/30/2022



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PROGRAM: 025 - AIR QUALITY AND CONFORMITY

Product No	Product Description	Completion Date
1	Transportation conformity analyses, reports, and determinations as necessary for RTP/SCS, FTIP and their amendments.	06/30/2022
2	TCWG meeting documentation, including maintaining PM hot spot review/determination clearinghouse.	06/30/2022
3	Air quality planning analyses and reports as necessary for RTP/SCS, FTIP and/or AQMP/SIP.	06/30/2022
4	CMAQ funded project reporting documentation.	04/30/2022



PROGRAM: 030 - FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP)

MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$2,294,696

OBJECTIVE

The Federal Transportation Improvement Program (FTIP) is a multimodal list of capital improvement projects programmed over a six-year period. The FTIP is the program that implements the RTP. The currently approved FTIP is the 2019 FTIP and was federally approved and found to conform on December 17, 2019. The program contains approximately \$34.6 billion worth of projects beginning FY 2018-19 to FY 2023-24. The FTIP must include all federally funded transportation projects in the region, as well as all regionally significant transportation projects and projects for which approval from a federal agency is required regardless of funding source. The FTIP is developed to incrementally implement the programs and projects in the RTP/SCS in accordance with federal and state requirements. The FTIP is amended on an on-going basis, as necessary, thereby allowing projects consistent with the RTP/SCS to move forward toward implementation. While the 2019 FTIP continues to be amended, SCAG's Regional Council will be approving the 2021 FTIP in March 2021 and receive federal approval on April 16, 2021. The 2021 FTIP includes approximately 2,000 projects for the region, totaling nearly \$35.3 billion over a six-year period. SCAG continues work with consultant to enhance the functionality of programming and performance monitoring databases that support the program.

PROJECT: FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM

DEPARTMENT NAME: 412 - TRANSPORTATION PLANNING & PROGRAMMING DEPT
MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$2,294,696

PROJECT DESCRIPTION

The Federal Transportation Improvement Program (FTIP) is a multimodal list of capital improvement projects programmed over a six-year period. 2021 FTIP is anticipated to be adopted by the Regional Council in February 2021 and certified by the federal agencies for transportation conformity in March 2021.

The FTIP must include all federally funded transportation projects in the region, as well as all regionally significant transportation projects for which approval from federal agencies is required regardless of the funding source. The FTIP is developed to incrementally implement the programs and projects in the Regional Transportation Plan.

The FTIP is amended on an on-going basis—as necessary. Thereby allowing projects consistent with the Regional Transportation Plan to move forward toward implementation.

TASK: 22-030.0146.02 **TASK BUDGET:** \$2,294,696
TASK NAME: FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM

Carryover Ongoing **PROJECT MANAGER:** PABLO GUTIERREZ



PROGRAM: 030 - FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP)

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	472,301	0	0	0	472,301
Benefits	369,544	0	0	0	369,544
Indirect Cost	1,189,649	0	0	0	1,189,649
In-Kind Commits	263,202	0	0	0	263,202
Total	\$2,294,696	\$0	\$0	\$0	\$2,294,696

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	719,546	0	0	0	719,546
FTA 5303	111,948	0	0	0	111,948
FTA 5303 C/O	1,200,000	0	0	0	1,200,000
In-Kind Commits	263,202	0	0	0	263,202
Total	\$2,294,696	\$0	\$0	\$0	\$2,294,696

PREVIOUS ACCOMPLISHMENTS

The Federal Transportation Improvement Program (FTIP) is amended on an on-going basis as necessary to allow projects to move forward toward implementation. During FY 2020/21, the 2019 FTIP was updated with 5 Amendments, 5 Administrative Modifications. During FY 2020/21, the SCAG Regional Council approved the 2021 FTIP at their March 2021 meeting; this marked the start of the 2021 FTIP amendment cycle. The 2021 FTIP was updated with 2 Amendments and 1 Administrative Modification. Staff also began the process of amending FTIP modeling projects to be included in the 2020 RTP/SCS Consistency Amendment #1. SCAG, working closely with the federal and state funding agencies and its regional partners, successfully received approval for these FTIP Amendments and Administrative Modifications.

The FTIP Database continues to be upgraded to address the region's needs in development of the county and regional TIP and associated amendments.

OBJECTIVES

To keep funds flowing in the SCAG Region so that projects may be implemented consistent with SCAG 's approved 2020 Connect SoCal (2020 RTP/SCS).

PROGRAM: 030 - FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP)

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Analyze and approve 2021 FTIP Amendments and Administrative Modifications and transmit them to the state and federal agencies for approval.	Staff	07/01/2021	06/30/2022
2	Ensure selected and approved projects funded by FTA are submitted by the County Transportation Commissions (CTCs) and are programmed into the Federal Transportation Improvement Program (FTIP).	Staff	07/01/2021	06/30/2022
3	Conduct interagency consultation process as required by State statute AB1246 and the Federal Metropolitan Planning Regulations (23 U.S.C (h) and Federal Transportation conformity rule (Section 93105 of 40 C.F.R. Part 51 and 93).	Staff	07/01/2021	06/30/2022
4	Continue with the development and approve the 2023 FTIP guidelines by coordinating internally and with the county transportation commissions. And, seek to adopt the new guidelines before initiating the call for the 2023 FTIP.	Staff	07/01/2021	10/02/2022
5	Assist in the continued coordination and implementation of the eFTIP Database with the information technologies staff to improve its efficiency.	Staff	07/01/2021	06/30/2022
6	Represent SCAG at monthly statewide meetings such as Regional Transportation Planning Agencies; California Transportation Commission; and California Federal Programming Group meetings which deal with transportation programming and planning.	Staff	07/01/2021	06/30/2022
7	Analyze and approve 2021 FTIP Amendments and Administrative Modifications and transmit them to the state and federal agencies for approval.	Staff	07/01/2021	06/30/2022
8	Begin the development of the 2023 FTIP by working closely with County Transportation Commission staff	Staff	01/03/2022	06/30/2022

Product No	Product Description	Completion Date
1	2023 FTIP Guidelines	06/30/2022
2	2021 FTIP Amendments and Administrative Modifications	06/30/2022



PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$5,463,468

OBJECTIVE

The GIS program provides agency-wide GIS support to foster widespread use of geographic data in data-driven planning, geospatial analysis, data visualization, GIS mapping, as well as GIS application development. To enhance efficient GIS workflow, staff applies GIS programming and automation techniques to streamline regional geospatial database development and maintenance processes. GIS staff establishes innovative analytical and visualization methodology to facilitate and support policy and planning analysis. In addition, GIS staff provides professional GIS technical supports and training to SCAG staff and member jurisdictions. To support SCAG's ongoing role as a Regional Information Center, the program manages and maintains all kinds of data and information for policy and planning analysis for Southern California, and provides data support and mapping capabilities to better serve the needs of the agency and stakeholders.

Additional goals include developing cutting-edge web-GIS applications and tools for information sharing and innovative planning; developing and managing SCAG's Enterprise GIS system (including GIS hardware/software, GIS database, GIS analysis, and GIS applications); developing and implementing GIS governance and GIS data management standards, and providing value-added GIS technical services and products to our local jurisdictions.

PROJECT: APPLICATION DEVELOPMENT

DEPARTMENT NAME: 210 - INFORMATION TECHNOLOGY DIV.

MANAGER: JULIE LOATS SHROYER **TOTAL BUDGET:** \$4,046,879

PROJECT DESCRIPTION

Data application design, development and support to promote data and information sharing in the region including all available transit data.

TASK: 22-045.0142.05 **TASK BUDGET:** \$188,721

TASK NAME: ADVANCED TECHNICAL SUPPORT

Carryover Ongoing **PROJECT MANAGER:** JONATHAN HOLT

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	3,970	0	0	0	3,970
Benefits	3,106	0	0	0	3,106
Indirect Cost	9,998	0	0	0	9,998
Other	150,000	0	0	0	150,000
In-Kind Commits	21,647	0	0	0	21,647
Total	\$188,721	\$0	\$0	\$0	\$188,721

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
FHWA PL	167,074	0	0	0	167,074
In-Kind Commits	21,647	0	0	0	21,647
Total	\$188,721	\$0	\$0	\$0	\$188,721

PREVIOUS ACCOMPLISHMENTS

Completed the procurement of maintenance renewal for various software, including NLOGIT, New Relic, SAS, OnTerra Systems, Caliper, IBM SPSS, Citilabs, Geocortex.

OBJECTIVES

Provide software and tools to assist staff with application development and support for planning systems development and GIS.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Submit the technical support case and work with the support representative to resolve the issues.	Staff	07/01/2021	06/30/2022
2	Maintain annual support for software tools and technical support services.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Licensing and documentation related to software tools and support.	06/30/2022



PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

TASK: 22-045.0142.12 **TASK BUDGET: \$1,333,928**
TASK NAME: ENTERPRISE GIS (EGIS) IMPLEMENTATION - MAINT. & SUPPORT

Carryover Ongoing **PROJECT MANAGER: JONATHAN HOLT**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	160,975	0	0	0	160,975
Benefits	125,952	0	0	0	125,952
Indirect Cost	405,469	0	0	0	405,469
Other	400,000	0	0	0	400,000
Consultant TC	0	0	100,000	0	100,000
In-Kind Commits	141,532	0	0	0	141,532
Total	\$1,233,928	\$0	\$100,000	\$0	\$1,333,928
Toll Credits/Not an Expenditure	0	0	11,470	0	11,470

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	742,396	0	0	0	742,396
FHWA PL C/O	350,000	0	0	0	350,000
FTA 5303	0	0	100,000	0	100,000
In-Kind Commits	141,532	0	0	0	141,532
Total	\$1,233,928	\$0	\$100,000	\$0	\$1,333,928
Toll Credits/Not a revenue	0	0	11,470	0	11,470

PREVIOUS ACCOMPLISHMENTS

Maintained and supported GIS servers and geodatabases. Performed geodatabase regular maintenance plans such as database integrity check, index rebuild, and statistics update. Resolved all reported issues in the geodatabases and applications Managed user access to geodatabases and ArcGIS Online

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

Attended and contributed in ArcGIS enterprise architecture review and discussion meetings with ESRI Worked with Esri team to establish Online and Hub sites for RDP project. Attended Web GIS knowledge transfer sessions Updated the SCAG Enterprise Geodatabase Data Inventory for the Datawarehouse, and Archive geodatabases. Reviewed the "Publicly-Owned Properties" dataset, developed metadata, and uploaded to SCAG production and test geodatabases. Updated the PEV Atlas data and metadata, processed new PEV datasets and uploaded all datasets to the SCAG production and test geodatabases. Performed GRI-4 data and metadata update and GRI application development support. Reviewed and negotiated new data for COVID-19 Dashboard Phase 2. Governance of Esri/SCAG HIN Project. Review of AGOL HTTPS change and post change. Performed ArcGIS Monitor internal Demo. Participated in Regional Data Platform Weekly Team Meeting. Deployment of GRI V4. Performed development support, data design, and application administration to deploy the HELPR application

OBJECTIVES

Continue to maintain and support GIS Servers, databases and existing GIS applications.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Collect business requirements from users and compile the project charters for the requests.	Staff/Consultant	07/01/2021	06/30/2022
2	Perform the databases maintenance, enhancement, and support.	Staff	07/01/2021	06/30/2022
3	Build and deploy custom developed application(s).	Staff	07/01/2021	06/30/2022
4	Train users and write up user manuals and online help.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Applications, components, and tools specified in the project work scope.	06/30/2022
2	Test cases, user manual, and training materials.	06/30/2022

TASK: 22-045.0142.22 **TASK BUDGET: \$1,116,347**
TASK NAME: PLANNING SYSTEM DEVELOPMENT

Carryover Ongoing **PROJECT MANAGER: JONATHAN HOLT**

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	210,291	0	0	0	210,291
Benefits	164,538	0	0	0	164,538
Indirect Cost	529,688	0	0	0	529,688
Consultant TC	0	0	94,640	0	94,640
In-Kind Commits	117,190	0	0	0	117,190
Total	\$1,021,707	\$0	\$94,640	\$0	\$1,116,347
Toll Credits/Not an Expenditure	0	0	10,856	0	10,856

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	654,517	0	0	0	654,517
FHWA PL C/O	250,000	0	0	0	250,000
FTA 5303	0	0	94,640	0	94,640
In-Kind Commits	117,190	0	0	0	117,190
Total	\$1,021,707	\$0	\$94,640	\$0	\$1,116,347
Toll Credits/Not a revenue	0	0	10,856	0	10,856

PREVIOUS ACCOMPLISHMENTS

Completed final development Sprints for new IGR application. Tested multiple sprints and created UAT scenario document for end users to perform UAT. Performed an end to end and regression round of testing.
 Trained users on the operation of the new IGR application.
 Deployed IGR code in development, test, and production environments.
 RFP 20-048 regional TDM data PRC review and consultant interview
 Transit discussion forum requirements discussion
 Performance maintenance and support for IGR

OBJECTIVES

Develop, maintain, and support SCAG planning systems and applications and assess new development tools / upgrades to software and tools. This includes but is not limited to Inter-governmental Review (IGR), Green Region



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PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

Initiative (GRI), and Regional Transportation Plan (RTP)

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Design and develop the applications	Staff/Consultant	07/01/2021	06/30/2022
2	Conduct comprehensive testing, update user manuals and online help	Staff	07/01/2021	06/30/2022
3	Conduct specific user acceptance test	Staff	07/01/2021	06/30/2022
4	Deploy new applications on production servers	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Application code and documentation.	06/30/2022
2	Business requirements documentation and user manuals.	06/30/2022

TASK: 22-045.0142.23 **TASK BUDGET: \$755,645**
TASK NAME: ENTERPRISE GIS (EGIS) IMPLEMENTATION - CAPITALIZED SOFTWARE

Carryover Ongoing **PROJECT MANAGER: JONATHAN HOLT**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	146,267	0	0	0	146,267
Benefits	114,444	0	0	0	114,444
Indirect Cost	368,423	0	0	0	368,423
Consultant TC	0	0	45,000	0	45,000
In-Kind Commits	81,511	0	0	0	81,511
Total	\$710,645	\$0	\$45,000	\$0	\$755,645
Toll Credits/Not an Expenditure	0	0	5,162	0	5,162

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	629,134	0	0	0	629,134
FTA 5303	0	0	45,000	0	45,000
In-Kind Commits	81,511	0	0	0	81,511
Total	\$710,645	\$0	\$45,000	\$0	\$755,645
Toll Credits/Not a revenue	0	0	5,162	0	5,162

PREVIOUS ACCOMPLISHMENTS

- Performed testing for GRI4.0
- Upgraded ATDB mapping component platform
- Performed testing for Covid-19 Dashboardv1.1 and updated findings in shared document
- Developed Covid-19 dashboard phase 2
- Developed Housing HELPR application POC and Data Design
- Reviewed maptiks demo for the web map analytics
- Updated traffic to HTTPS for the SCAG data portal
- Setup ArcGIS Enterprise 10.8.1
- Upgraded Geo Databases to the latest version of ESRI software
- Optimized Geo Database performance
- Training and Rollout out ArcGIS Enterprise 10.8.1 to staff
- Conducted EGIS planning and coordination meetings
- Participated in GIS power user group meetings

OBJECTIVES

This task was created to capture software development costs that meet the criteria for capitalization in accordance to Statement No. 51 of the Governmental Accounting Standards Board (GASB 51). Costs not subject to capitalization are in task 045.00142.12.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Design and develop the GIS application(s).	Staff/Consultant	07/01/2021	06/30/2022
2	Conduct QA processes for the developed application(s).	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Applications, components, and tools specified in the project work scope.	06/30/2022



PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

TASK: 22-045.0142.25 **TASK BUDGET: \$449,981**
TASK NAME: FTIP SYSTEM

Carryover Ongoing **PROJECT MANAGER: JONATHAN HOLT**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	10,251	0	0	0	10,251
Benefits	8,021	0	0	0	8,021
Indirect Cost	25,820	0	0	0	25,820
Consultant TC	0	0	400,176	0	400,176
In-Kind Commits	5,713	0	0	0	5,713
Total	\$49,805	\$0	\$400,176	\$0	\$449,981
Toll Credits/Not an Expenditure	0	0	45,901	0	45,901

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	44,092	0	0	0	44,092
FTA 5303	0	0	400,176	0	400,176
In-Kind Commits	5,713	0	0	0	5,713
Total	\$49,805	\$0	\$400,176	\$0	\$449,981
Toll Credits/Not a revenue	0	0	45,901	0	45,901

PREVIOUS ACCOMPLISHMENTS

1. Project data entry screens enhanced:
 - 1.1 Total cost in project listing
 - 1.2 break out by Prior, TIP Years, Beyond, & Total in Programmed by Fund report
 - 1.3 tagged projects to CMP per new business rules
 - 1.4 CTC able to deny project now
 - 1.5 Group Denial Feature
2. Enhance reporting and analytics

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

- 2.1 Improving performance on Performance Measure report when filters outside of default are selected
- 2.2 Add funding info to Advanced Search Excel Export
- 2.3 Adding column for 'fund id' to Fund Name Report

- 3. Update system logic to match new TDC and TOLL credit rules
 - 3.1 Toll Credit and TDC message logic on Project Sheet/Listing/Public Listing reports
 - 3.2 Logic: Toll Credit and Transportation Development Credit message should only show funding that is programmed in current years of the TIP cycle
 - 3.3 If 'Toll Credit' fund type is used, add an additional message that says 'Toll credit funding years must be included in description.'
 - 3.4 If 'Transportation Development Credit' fund type is used, add an additional message that says 'Transportation Development Credit fund type and fiscal year must be included in description.'
 - 3.5 If SYSTEM= Local Hwy, State Hwy, then 'Transportation Development Credit' CANNOT be selected as a fund type.
 - 3.6 If SYSTEM= Transit, then 'Toll Credit' CANNOT be selected as a fund type.

- 4. Enhanced project workflow - remove un-submit button for CTCs once they've submitted to SCAG

OBJECTIVES

To configure and deploy new Software as a Service (SaaS) FTIP system, replacing the previous internally developed custom system.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Configure, test, and deploy replacement FTIP software system.	Staff/Consultant	07/01/2021	06/30/2022
2	Support and maintain data in production system support.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Production system in use and receiving update data.	06/30/2022
2	Updated user help guides.	06/30/2022

TASK: 22-045.0142.26 **TASK BUDGET: \$202,257**
TASK NAME: REGIONAL ATDB DEVELOPMENT AND ENHANCEMENTS (CAPITALIZED)

Carryover Ongoing **PROJECT MANAGER: JONATHAN HOLT**

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	41,629	0	0	0	41,629
Benefits	32,572	0	0	0	32,572
Indirect Cost	104,857	0	0	0	104,857
In-Kind Commits	23,199	0	0	0	23,199
Total	\$202,257	\$0	\$0	\$0	\$202,257

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	179,058	0	0	0	179,058
In-Kind Commits	23,199	0	0	0	23,199
Total	\$202,257	\$0	\$0	\$0	\$202,257

PREVIOUS ACCOMPLISHMENTS

- Developed new SQL tables and data refresh process for ATDB mapping platform upgrade , performed the testing, and deployed the upgrade (from 10.3 to 10.5.1)
- Upgraded ATDB database to the new version
- Reviewed the requirements of ATDB data download button
- Updated ATDB application to accommodate changes made for EcoCounter API
- Started development on next feature version of ATDB

OBJECTIVES

- Develop enhancements for the Active Transportation Database (ATDB) application. Expand current ATDB datasets.
- Enhance data visualization components and develop map based tools.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Design and develop ATDB enhancements	Staff	07/01/2021	06/30/2022
2	Conduct comprehensive testing, update user manuals and online help	Staff	07/01/2021	06/30/2022
3	Conduct specific user acceptance test	Staff	07/01/2021	06/30/2022
4	Deploy new enhancements on production servers	Staff	07/01/2021	06/30/2022



PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

Product No	Product Description	Completion Date
1	Application code and documentation.	06/30/2022
2	Business requirements documentation and user manuals.	06/30/2022

PROJECT: GIS DEVELOPMENT AND APPLICATIONS

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
 MANAGER: HSI-HWA HU TOTAL BUDGET: \$1,416,589

PROJECT DESCRIPTION

Provide overall service and support for SCAG's GIS needs. Upgrade the existing GIS system by enhancing applications that promote data sharing and maintenance. Collect new GIS data from local jurisdictions, the state, and Federal Government. Develop GIS applications that accommodate the needs of: GIS and data for SCAG, subregions, and member jurisdictions.

TASK: **22-045.0694.01** TASK BUDGET: \$737,208
 TASK NAME: **GIS DEVELOPMENT AND APPLICATIONS**

Carryover Ongoing PROJECT MANAGER: PING WANG

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	151,734	0	0	0	151,734
Benefits	118,722	0	0	0	118,722
Indirect Cost	382,194	0	0	0	382,194
In-Kind Commits	84,558	0	0	0	84,558
Total	\$737,208	\$0	\$0	\$0	\$737,208



PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	652,650	0	0	0	652,650
In-Kind Commits	84,558	0	0	0	84,558
Total	\$737,208	\$0	\$0	\$0	\$737,208

PREVIOUS ACCOMPLISHMENTS

Held monthly GIS power user group meetings and monthly four subcommittee meetings; developed GIS training plan; developed a GIS web applications collaboration form for planning staff; collaborated with IT to complete 13 GIS applications decommissions; attended monthly ESRI/SCAG AP and EGIS meetings; held weekly GIS group meeting; made GIS data (such as PGAs) of Connect SoCal available in SCAG Geodatabase and SCAG Open Data Portal.

OBJECTIVES

Continue enhancing EGIS engagement in SCAG innovative planning and data-driven decision-making process; Continue empowering GIS technology based planning by providing ample regional geospatial datasets; Integrate the established SCAG EGIS regional datasets with upcoming Regional Data Platform (RDP); Continue providing supports in improvement of GIS data development procedure and workflow management; Collaborate with planning staff to identify GIS/data needs in planning and implementation of RTP/SCS; Coordinate with IT to create web mapping and GIS/data toolbox that allow stakeholders and local jurisdictions to view and update SCAG's regional data in accordance with the agency's long term policy priorities

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Identify GIS/data needs in planning and RTP/SCS implementation	Staff	07/01/2021	06/30/2022
2	Hold SCAG GIS Power User/GIS Advisory Group meetings	Staff	07/01/2021	06/30/2022
3	Coordinate with IT to meet GIS needs in planning	Staff	07/01/2021	06/30/2022
4	Collect and update GIS datasets	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	GIS needs and recommendation materials	06/30/2022
2	New and updated GIS datasets	06/30/2022
3	GIS meeting material and related documents	06/30/2022

TASK: 22-045.0694.03 **TASK BUDGET: \$200,256**
TASK NAME: PROFESSIONAL GIS SERVICES PROGRAM SUPPORT



PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

Carryover Ongoing PROJECT MANAGER: JAVIER AGUILAR

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	41,217	0	0	0	41,217
Benefits	32,250	0	0	0	32,250
Indirect Cost	103,819	0	0	0	103,819
In-Kind Commits	22,970	0	0	0	22,970
Total	\$200,256	\$0	\$0	\$0	\$200,256

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	177,286	0	0	0	177,286
In-Kind Commits	22,970	0	0	0	22,970
Total	\$200,256	\$0	\$0	\$0	\$200,256

PREVIOUS ACCOMPLISHMENTS

Reached out to local jurisdictions to establish partnerships surrounding GIS technology and data. Staff has developed partnerships with Imperial, Los Angeles, Riversides, and San Bernardino counties. In addition, we are working with consortiums in Orange and Ventura counties.

OBJECTIVES

Utilize the established SCAG EGIS system with the latest GIS technology to provide professional GIS technical supports (including but not limited to: GIS data update, mapping, spatial analysis, and GIS trainings) to SCAG staff and member jurisdictions for SCAG plan and program development.



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PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Create GIS visualization and GIS maps	Staff	07/01/2021	06/30/2022
2	Evaluate and assess local jurisdictions' existing GIS system	Staff	07/01/2021	06/30/2022
3	Develop local GIS work plan including GIS data generation, update, and integration	Staff	07/01/2021	06/30/2022
4	Enhance or integrate GIS system with local jurisdictions' data systems	Staff	07/01/2021	06/30/2022
5	Provide GIS trainings and GIS spatial analysis	Staff	07/01/2021	06/30/2022
6	Conduct meetings with local jurisdictions	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	GIS maps and visualization.	06/30/2022
2	GIS information products.	06/30/2022
3	GIS training work plans.	06/30/2022
4	GIS training and related materials.	06/30/2022

TASK: 22-045.0694.04 **TASK BUDGET: \$479,125**
TASK NAME: GIS MODELING AND ANALYTICS

Carryover Ongoing **PROJECT MANAGER: JUNG SEO**

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	78,033	0	0	0	78,033
Benefits	61,055	0	0	0	61,055
Indirect Cost	196,551	0	0	0	196,551
Consultant TC	0	0	100,000	0	100,000
In-Kind Commits	43,486	0	0	0	43,486
Total	\$379,125	\$0	\$100,000	\$0	\$479,125
Toll Credits/Not an Expenditure	0	0	11,470	0	11,470

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	335,639	0	0	0	335,639
FTA 5303	0	0	100,000	0	100,000
In-Kind Commits	43,486	0	0	0	43,486
Total	\$379,125	\$0	\$100,000	\$0	\$479,125
Toll Credits/Not a revenue	0	0	11,470	0	11,470

PREVIOUS ACCOMPLISHMENTS

Task previously named "GIS Programming and Automation". Project task name due to new name better explains its roles and functions from FY22, as compared to the prior task name.

1. Developed the comprehensive regional land information database, including but not limited to annual land use updates, inventory of publicly owned lands and inventory of suitable land for housing development, potential infill sites.
2. Collected and developed GIS base datasets for the next RTP/SCS development process.
3. Developed the methodology of GIS based High Quality Transit Areas (HQTA) and Transit Priority Areas (TPA).
4. Enhanced Automated GIS (AGIS) to streamline workflows of GIS modeling, regional big data processing, spatial analytics, and map book production.
5. Conducted advanced geospatial and statistical analysis for various programs/projects/policy discussions, using spatial and statistical analysis applications.
6. Attended conferences (such as ESRI UC, ACSP and TRB) to learn advanced geospatial data analytics and technology and to present SCAG's best practices.

PROGRAM: 045 - GEOGRAPHIC INFORMATION SYSTEM (GIS)

OBJECTIVES

1. Develop and enhance efficient and effective GIS workflow through GIS programming and automation to streamline regional geospatial database development and maintenance process.
2. Establish innovative analytical and visualization methodology to develop geospatial information and facilitate policy discussion on complex planning issues using spatial and statistical applications.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop and maintain the comprehensive regional land information database, including but not limited to regional land use information, annual land use updates, and inventory of publicly owned lands.	Staff	07/01/2021	06/30/2022
2	Develop GIS base datasets for the next RTP/SCS development process.	Staff/Consultant	07/01/2021	06/30/2022
3	Develop the preliminary Data/Map Books for the next RTP/SCS local input process.	Staff	07/01/2021	06/30/2022
4	Continue to utilize GIS modeling and programming to streamline workflows of regional big data processing, spatial analytics, and map book production.	Staff	07/01/2021	06/30/2022
5	Conduct advanced geospatial and statistical analysis for various programs/projects/policy discussions, using spatial and statistical analysis applications.	Staff	07/01/2021	06/30/2022
6	Attend conferences to learn advanced GIS modeling, data analytics and geospatial technology and to present SCAG's best practices.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Parcel-based GIS dataset of regional land information, including but not limited to regional land use information, annual land use updates, and inventory of publicly owned lands	06/30/2022
2	GIS base datasets for the next RTP/SCS development process, including but not limited to land use, SB 375 resource areas, farmland, transportation, environment, administrative boundaries	06/30/2022
3	Preliminary Data/Map Books for the next RTP/SCS local input process	06/30/2022
4	Documentation, reports, programming scripts, GIS data and maps of GIS modeling, spatial and statistical analysis, and data visualization for various programs/projects/policy discussions	06/30/2022
5	Conference presentation materials	06/30/2022



PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

MANAGER: PHILIP LAW **TOTAL BUDGET:** \$1,165,206

OBJECTIVE

Staff will continue to research and explore opportunities and partnerships to implement the core regional active transportation strategies. In addition, staff will develop partnerships and strategies that are coordinated with the rapid deployment of micro-mobility services to advance complete streets goals and reduce the use of SOVs for short trips. Staff will also work with Caltrans, counties and individual cities to fund local active transportation plans and multi-jurisdictional active transportation projects that are part of Connect SoCal, the 2020 RTP/SCS.

Staff will also continue to manage the Regional Active Transportation Program, including providing technical assistance to project sponsors, managing planning and program grants, tracking project delivery, and preparing program amendments, as necessary. Staff will provide leadership and input at the state and regional level to ensure future funding cycles align with regional planning goals. Through continued collaboration with the California Transportation Commission, Caltrans and the Southern California county transportation commissions, SCAG will also work to improve the application and allocation procedures.

Efforts will also be continued to expand regional capability to measure the impact of active transportation investments, including through better data collection, modeling and co-benefit analysis (focusing on greenhouse gas emissions, public health and the economy).

PROJECT: ACTIVE TRANSPORTATION PLANNING

DEPARTMENT NAME: 416 - PLANNING STRATEGY

MANAGER: FRANK WEN **TOTAL BUDGET:** \$1,165,206

PROJECT DESCRIPTION

The Project will follow up on the 2016 RTP/SCS and coordinate implementation of the Active Transportation chapter. Provide an annual status report/overview of active transportation planning and implementation since the last RTP.

TASK: 22-050.0169.01 **TASK BUDGET:** \$355,665

TASK NAME: RTP/SCS ACTIVE TRANSPORTATION DEVELOPMENT & IMPLEMENTATION

Carryover Ongoing **PROJECT MANAGER:** CORY WILKERSON

PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	73,204	0	0	0	73,204
Benefits	57,277	0	0	0	57,277
Indirect Cost	184,389	0	0	0	184,389
In-Kind Commits	40,795	0	0	0	40,795
Total	\$355,665	\$0	\$0	\$0	\$355,665

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	314,870	0	0	0	314,870
In-Kind Commits	40,795	0	0	0	40,795
Total	\$355,665	\$0	\$0	\$0	\$355,665

PREVIOUS ACCOMPLISHMENTS

Staff responded to comments on Connect So Cal and participated in engagement with community based organizations. Connect So Cal was adopted.

OBJECTIVES

Continue collaboration with counties and cities to implement active transportation initiatives including planning, analysis and pilot projects. These efforts support counties and cities in better understanding and communicating benefits of active transportation projects in order to more strategically invest resources and attract greater investment, including from statewide sources (ATP/Cap & Trade) and existing discretionary and new local sources. Increased investment in active transportation is critical to implementing RTP/SCS and demonstrating progress. Identify research needs for the development of 2024 RTP/SCS Active Transportation Technical Report. Begin development of 2024 RTP/SCS Active Transportation Element.



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PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Support Active Transportation Working Group, Coordination and Collaboration with Counties	Staff	07/01/2021	06/30/2022
2	Oversight, project management and tracking of county and local active transportation plans and programs that implement the regional plan	Staff	07/01/2021	06/30/2022
3	Conduct research and analysis and convene stakeholders to further explore and advance concepts put forth in 2020 RTP/SCS, including short trip strategies, e-scooter/e-bike share, safe routes to school, and complete streets as funding strategy. Research housing affordability impacts of active transportation projects.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	SoCal Connect: Active Transportation Implementation Activities Report	06/30/2022
2	Active Transportation Working Group meeting materials	06/30/2022

TASK: 22-050.0169.06 **TASK BUDGET: \$337,946**
TASK NAME: ACTIVE TRANSPORTATION PROGRAM

Carryover Ongoing **PROJECT MANAGER: CORY WILKERSON**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	69,092	0	0	0	69,092
Benefits	54,060	0	0	0	54,060
Indirect Cost	174,031	0	0	0	174,031
Travel	2,000	0	0	0	2,000
In-Kind Commits	38,763	0	0	0	38,763
Total	\$337,946	\$0	\$0	\$0	\$337,946



PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FTA 5303	199,183	0	0	0	199,183
FTA 5303 C/O	100,000	0	0	0	100,000
In-Kind Commits	38,763	0	0	0	38,763
Total	\$337,946	\$0	\$0	\$0	\$337,946

PREVIOUS ACCOMPLISHMENTS

Staff participated in the development of the statewide guidelines, developed the regional guidelines, assisted local agencies in the development of grant applications, completed/submitted two grant applications (quickbuild and non-infrastructure), participated as application evaluators, and is currently programming the MPO component.

OBJECTIVES

Facilitate the selection and programming of Active Transportation projects that improve safety, encourage physical activity, and support and grow the economy. Monitor project delivery and identify lessons learned for future program guidelines.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Facilitate program administration. Program administration includes convening of the ATP Subcommittee, scheduling and facilitating ATP Subcommittee meetings, producing meeting minutes, developing meeting agendas, and managing the programming of the MPO component	Staff	07/01/2021	06/30/2022
2	Oversee project development assistance. This includes administration, technical and design support for projects that have been selected for funding as well as preparation and enhancements for ATP applications.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Board Reports reflecting Program Amendments as Needed	06/30/2022

TASK: 22-050.0169.07 **TASK BUDGET: \$252,841**

TASK NAME: REGIONAL ACTIVE TRANSPORTATION DATA PARTNERSHIP PLATFORM (NON-CAPITALIZED)

Carryover Ongoing **PROJECT MANAGER: HANNAH KEYES**

PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	33,465	0	0	0	33,465
Benefits	26,184	0	0	0	26,184
Indirect Cost	84,292	0	0	0	84,292
Consultant TC	0	0	90,250	0	90,250
In-Kind Commits	18,650	0	0	0	18,650
Total	\$162,591	\$0	\$90,250	\$0	\$252,841
Toll Credits/Not an Expenditure	0	0	10,352	0	10,352

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	143,941	0	0	0	143,941
FTA 5303	0	0	90,250	0	90,250
In-Kind Commits	18,650	0	0	0	18,650
Total	\$162,591	\$0	\$90,250	\$0	\$252,841
Toll Credits/Not a revenue	0	0	10,352	0	10,352

PREVIOUS ACCOMPLISHMENTS

During previous years the ATDB platform was developed and released for public use. During this time there have been several updates improving platform performance, as well as the purchase of an API for the collection of automated count data. Additionally, local jurisdiction outreach, training, and technical assistance was provided. Active transportation geodata was also updated through the Connect SoCal local input process.

OBJECTIVES

This task supports expanding performance monitoring and modeling efforts by active transportation geodata integration and development of the Active Transportation Database platform in collaboration with cities, counties, subregions and state partners.

This task anticipates further steps and products in future years

PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct outreach to the CTCs and local jurisdictions to collect input into the enhancement of tools used for bicycle and pedestrian data collection. Train staff at local jurisdictions on use of the Active Transportation Database and conduct technical assistance to support their use of the tool.	Staff	07/01/2021	06/30/2022
2	Update Active Transportation Database geodata layers.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Updated Active Transportation Street Network Geodata	06/30/2022
2	Updated Active Transportation Database Training Materials	06/30/2022

TASK: 22-050.0169.08

TASK BUDGET: \$203,754

TASK NAME: PUBLIC HEALTH

Carryover Ongoing **PROJECT MANAGER: COURTNEY AGUIRRE**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	21,355	0	0	0	21,355
Benefits	16,709	0	0	0	16,709
Indirect Cost	53,789	0	0	0	53,789
Non-Profits/IHL	0	0	0	100,000	100,000
In-Kind Commits	11,901	0	0	0	11,901
Total	\$103,754	\$0	\$0	\$100,000	\$203,754

PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	91,853	0	0	0	91,853
FTA 5303	0	0	0	88,530	88,530
TDA	0	0	0	11,470	11,470
In-Kind Commits	11,901	0	0	0	11,901
Total	\$103,754	\$0	\$0	\$100,000	\$203,754

PREVIOUS ACCOMPLISHMENTS

Adopted Connect SoCal including Public Health Technical Report (final adoption in September 2020). Convened stakeholders on a quarterly basis via the Public Health Working Group. Worked with Civic Spark Fellow to develop report on extreme heat and public health impacts. Worked with SCAG Public Health Fellows to develop Environmental Justice and Public Health Toolbox. Funded the work of a total of 15 Public Health Fellows across the region. Completed local level analysis using CPHAM model (working with cities of Anaheim, Santa Ana, and Riverside). Supported the work of APA's Planners4Health Steering Committee (as Secretary).

OBJECTIVES

Provide leadership and strategic policy formulation for transportation and land use-related public health in the SCAG region. Provide a forum for information sharing and identify best practices employed at the local level. Support adoption of local practices that implement the RTP/SCS through fellowship program. Promote active transportation safety and encouragement among the general population via Go Human. Partnerships with other governmental entities, public universities, institutes of higher education, and non-profit organizations. These contracts would meet the requirements outlined in the State Contracting Manual, Section 3.06 Contracts with Other Governmental Entities and Public Universities, and Section 3.15 Contracts with Non-Profit Organizations. Additionally, institutes of higher education would meet the definition in 20 U.S.C. 1001, Chapter 28.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Provide resources to the non-profit organization to provide technical support to cities through Public Health Fellowship Program.	Staff/Consultant	07/01/2021	06/30/2022
2	Convene quarterly Public Health Working Group meetings to share best practices and support local agencies in implementing RTP/SCS.	Staff	07/01/2021	06/30/2022
3	Maintain California Public Health Assessment Model	Staff/Consultant	07/01/2021	06/30/2022



PROGRAM: 050 - ACTIVE TRANSPORTATION PLANNING

Product No	Product Description	Completion Date
1	Report on technical support to local and regional agencies through fellowship	06/30/2022
2	Public Health Working Group agendas and materials	06/30/2022
3	California Public Health Assessment Model methodology documentation	06/30/2022

TASK: 22-050.0169.09 **TASK BUDGET: \$15,000**
TASK NAME: COMMUNITY BASED ORGANIZATION

Carryover Ongoing **PROJECT MANAGER: DOROTHY LE SUCHKOVA**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	15,000	0	0	15,000
Total	\$0	\$15,000	\$0	\$0	\$15,000

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	0	15,000	0	0	15,000
Total	\$0	\$15,000	\$0	\$0	\$15,000

PREVIOUS ACCOMPLISHMENTS

Conducted review and assessment of CBO engagement experience during Connect SoCal to clarify next steps and inform project scoping.

OBJECTIVES

The Community Ambassador Safety Cohort will support community engagement, planning and safety efforts across three primary counties, San Bernardino, Imperial and Ventura, to develop community leaders through training and safety engagements/activations.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Complete management of trainings, planning and activations across each cohort.	Consultant	07/01/2021	09/30/2021

Product No	Product Description	Completion Date
1	Project materials for planning and engagement activations.	09/30/2021



PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$3,631,416

OBJECTIVE

The key focus of this work element is to collect, compile, assess, analyze, and research socioeconomic, technology advancement, and demographic data and their trends, develop value-added information products, including but not limited to regional and county-level population, household and employment estimates and projections to inform regional planning and policy development.

This program also addresses the following: promote and advance in-house research and capacity with trainings and teaching research methodology, data, analytical tools—GIS, statistics, programming across the agency. Collaboration with universities, research institutes and international planning partners and peer agencies jointly conduct research and data sharing on important and emerging regional challenges and issues. Serve as the regional data and information hub, promote data and information driven decision making process and outcome. Additional program objectives include actively promote and advocate SCAG’s innovative planning practices and experiences across the nation and internationally by organizing and conducting summits, workshops, symposiums, participation, presentation at key conferences, and publications in the peer-reviewed journals.

PROJECT: INTEGRATED GROWTH FORECASTS

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$387,925

PROJECT DESCRIPTION

Develop Regional Growth estimates and forecasts, which are technically sound and acceptable-through enhanced forecasting methodologies and tools, and interactive public outreach. Collaborate with universities and researchers to conduct regionally significant planning research including: demographic patterns, labor force, economy, housing, transportation, environment, and other planning issues.

TASK: 22-055.0133.06 **TASK BUDGET:** \$387,925
TASK NAME: UNIVERSITY PARTNERSHIP & COLLABORATION

Carryover Ongoing **PROJECT MANAGER:** KEVIN KANE

PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	29,339	0	0	0	29,339
Benefits	22,956	0	0	0	22,956
Indirect Cost	73,900	0	0	0	73,900
Consultant TC	0	0	245,380	0	245,380
In-Kind Commits	16,350	0	0	0	16,350
Total	\$142,545	\$0	\$245,380	\$0	\$387,925
Toll Credits/Not an Expenditure	0	0	28,146	0	28,146

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	126,195	0	0	0	126,195
FTA 5303	0	0	245,380	0	245,380
In-Kind Commits	16,350	0	0	0	16,350
Total	\$142,545	\$0	\$245,380	\$0	\$387,925
Toll Credits/Not a revenue	0	0	28,146	0	28,146

PREVIOUS ACCOMPLISHMENTS

Conducted various research with universities including UCI, USC and Calpoly Pomona. Support workshops and seminars

OBJECTIVES

Conduct research on demographic/economic change, land use, and regional transportation plan. Host workshops or seminars to discuss the priority topic areas and policy implications and options as it relates to the RTP /SCS.



PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Host workshops or seminars to discuss the priority topic areas and policy implications and options	Staff	07/01/2021	06/30/2022
2	Conduct research and analyses of the selected priority topic areas with participation of university researchers and students. Discuss planning implications, policy responses and options.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Proceedings/ reports/ presentation materials of workshops and seminars.	06/30/2022
2	Research reports on the research on the selected topic areas	06/30/2022

PROJECT: REGION WIDE DATA COLLECTION & ANALYSIS

DEPARTMENT NAME: 416 - PLANNING STRATEGY
MANAGER: FRANK WEN **TOTAL BUDGET:** \$737,931

PROJECT DESCRIPTION

To provide data and information to better serve the needs of the agency with respect to Regional Transportation Planning and Sustainable Communities Strategy. To collect, develop, and analyze data and information that supports the planning activities of the agency—including, but not limited to, the Regional Transportation Plan, Integrated Growth Forecast, Integrated Transportation and Land Use Model, Regional Housing Needs Assessment, and other planning activities. To coordinate data sharing among SCAG and other stakeholders.

TASK: 22-055.0704.02 **TASK BUDGET:** \$737,931
TASK NAME: REGION-WIDE DATA COORDINATION

Carryover Ongoing **PROJECT MANAGER:** JAVIER AGUILAR



PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	35,638	0	0	0	35,638
Benefits	27,885	0	0	0	27,885
Indirect Cost	89,767	0	0	0	89,767
Other	500,000	0	0	0	500,000
In-Kind Commits	84,641	0	0	0	84,641
Total	\$737,931	\$0	\$0	\$0	\$737,931

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FTA 5303	323,290	0	0	0	323,290
FTA 5303 C/O	330,000	0	0	0	330,000
In-Kind Commits	84,641	0	0	0	84,641
Total	\$737,931	\$0	\$0	\$0	\$737,931

PREVIOUS ACCOMPLISHMENTS

Supported Cal State Fullerton Center for Demographic Research (CDR) to develop the integrated growth forecast for the development of RTP/SCS and other demographic-related tasks. Purchased various data including InfoUSA, Costa, building permit, parcel land use etc.

OBJECTIVES

Develop, maintain and enhance data and information to support planning and decision making in a timely and effective manner. To provide quality data analysis, reports, and information to support decision makers and promote economic development. In addition, these datasets play a significant role in producing empirical results and analyses for the RTP/SCS development and research.



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PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Collect data and information to support SCAG planning activities.	Staff	07/01/2021	06/30/2022
2	Perform data analyses to support the planning mandates and activities of the agency.	Staff	07/01/2021	06/30/2022
3	Maintain SCAG's Census Data Center. Coordinate activities including training with staff from the Census Regional Office.	Staff	07/01/2021	06/30/2022
4	Provide SCAG data and information to both internal and external users through SCAG's Open Data Portal. Expand SCAG's Open Data Portal to include more data elements, and document the increase. Keep a log of all data requests.	Staff	07/01/2021	06/30/2022
5	Serve on the Enterprise GIS Steering Committee to integrate data with GIS.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	List and/or copy of data and subscriptions such as building permit, property transaction data, EDD QCEW, InfoUSA, JAPA.	06/30/2022
2	Report of data/information/GIS requests handled by staff	06/30/2022

PROJECT: SOUTHERN CALIFORNIA ECONOMIC GROWTH STRATEGY

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$1,060,319

PROJECT DESCRIPTION

Examination of regional and county-level economic factors—including, but not limited to, the socioeconomic, housing and demographic trends, workforce development, international trade, emerging innovations and technology advancement, regulatory environment, pending and current legislation, and enhanced infrastructure financing districts (EIFDs) and other sources of funding for infrastructure development—and how these factors, along with SCAG's planning activities—including, but not limited to, the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and the Federal Transportation Improvement Plan (FTIP)—have an impact on the economic and job growth prospects for the individual county-level and regional economies.

TASK: 22-055.1531.01 **TASK BUDGET:** \$933,365
TASK NAME: SOUTHERN CALIFORNIA ECONOMIC GROWTH STRATEGY

Carryover Ongoing **PROJECT MANAGER:** KEVIN KANE

PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	130,361	0	0	0	130,361
Benefits	101,999	0	0	0	101,999
Indirect Cost	328,358	0	0	0	328,358
Consultant TC	0	0	300,000	0	300,000
In-Kind Commits	72,647	0	0	0	72,647
Total	\$633,365	\$0	\$300,000	\$0	\$933,365
Toll Credits/Not an Expenditure	0	0	34,410	0	34,410

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	560,718	0	0	0	560,718
FTA 5303	0	0	300,000	0	300,000
In-Kind Commits	72,647	0	0	0	72,647
Total	\$633,365	\$0	\$300,000	\$0	\$933,365
Toll Credits/Not a revenue	0	0	34,410	0	34,410

PREVIOUS ACCOMPLISHMENTS

Developed Regional Briefing Book, COVID-19 economic analysis report, supported 11th Annual Economic Summit, supported to develop inclusive economic growth strategy

OBJECTIVES

Through the agency's analyses, SCAG has produced information quantifying the economic benefits of reducing congestion. The objective of the Southern California Economic Growth Strategy is to continue this analysis to provide information to support regional decision making and long-range transportation and land use planning, as well as a common set of short and long-term priorities and recommendations for the region to help businesses, public agencies, and communities improve their economic viability.



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PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop a short-term and long-term plan for successful RTP strategies to reduce congestion and ensure livability and economic viability	Staff/Consultant	07/01/2021	06/30/2022
2	Develop Southern California Economic Summit program and reports	Staff/Consultant	07/01/2021	06/30/2022
3	Support SCAG Inclusive Economic Recovery Strategy	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Case studies, reports and fact sheets of current economy and visions for the region's future	06/30/2022
2	Reports, convenings, and presentations related to SCAG's Inclusive Economic Recovery Strategy	06/30/2022

TASK: 22-055.1531.02 **TASK BUDGET:** \$126,954

TASK NAME: ECONOMIC ANALYSIS OF TRANSPORTATION PLANNING ACTIVITIES & INVESTMENTS

Carryover Ongoing **PROJECT MANAGER:** JOHN CHO

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	26,130	0	0	0	26,130
Benefits	20,445	0	0	0	20,445
Indirect Cost	65,817	0	0	0	65,817
In-Kind Commits	14,562	0	0	0	14,562
Total	\$126,954	\$0	\$0	\$0	\$126,954

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
FHWA PL	112,392	0	0	0	112,392
In-Kind Commits	14,562	0	0	0	14,562
Total	\$126,954	\$0	\$0	\$0	\$126,954



PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

PREVIOUS ACCOMPLISHMENTS

Developed Regional Briefing Book, COVID-19 economic analysis report, supported 11th Annual Economic Summit, supported to develop inclusive economic growth strategy

OBJECTIVES

The objective will be to continue this economic analysis in a number of areas including, but not limited to, regional transportation plans, regional economic outlooks, county economic reports, and SCAG's various planning program areas.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Continue to assess and articulate economic and job creation benefits associated with the adopted RTP/SCS.	Staff	07/01/2021	06/30/2022
2	Quantify economic benefits of transportation investments through case studies, reports and/or fact sheets	Staff	07/01/2021	06/30/2022
3	Develop and refine framework for the RTP/SCS Economic and Job Creation Analysis.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Case studies, reports and fact sheets quantifying economic benefits of transportation investments	06/30/2022

PROJECT: SCENARIO PLANNING & LOCAL INPUT: PATHWAYS TO THE 2020 RTP/SCS

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
 MANAGER: HSI-HWA HU TOTAL BUDGET: \$1,445,241

PROJECT DESCRIPTION

Scenario Planning & Local Input: Pathways to the 2020 RTP/SCS. Previously in FY19 project was 150.4096

TASK: 22-055.4856.01 TASK BUDGET: \$786,719
 TASK NAME: REGIONAL GROWTH AND POLICY ANALYSIS

Carryover Ongoing PROJECT MANAGER: KEVIN KANE

PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	126,935	0	0	0	126,935
Benefits	99,318	0	0	0	99,318
Indirect Cost	319,728	0	0	0	319,728
Consultant TC	0	0	170,000	0	170,000
In-Kind Commits	70,738	0	0	0	70,738
Total	\$616,719	\$0	\$170,000	\$0	\$786,719
Toll Credits/Not an Expenditure	0	0	19,499	0	19,499

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	545,981	0	0	0	545,981
FTA 5303	0	0	170,000	0	170,000
In-Kind Commits	70,738	0	0	0	70,738
Total	\$616,719	\$0	\$170,000	\$0	\$786,719
Toll Credits/Not a revenue	0	0	19,499	0	19,499

PREVIOUS ACCOMPLISHMENTS

Supported integrated growth forecast of 2020 RTP/SCS

OBJECTIVES

Prepare to produce preliminary integrated growth forecast for 2024 RTP/SCS. Conduct historical and base year socioeconomic data and trend analysis. Conduct advanced study on urban and regional issues important to growth planning for the 2024 RTP/SCS.



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PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Evaluate, update and improve regional growth estimation/forecasting assumptions and methodologies that will be used in the RTP/SCS development and modeling process.	Staff/Consultant	07/01/2021	06/30/2022
2	Collect and analyze new and existing socio-economic data including vital statistics, migration, household formation, housing, employment, etc. from diverse private and public sources.	Staff/Consultant	07/01/2021	06/30/2022
3	Conduct research and analyses of the current and emerging urban and transportation issues and to seek policy options to improve regional transportation system. Work Type Work Type StaffStaff	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Reports on preliminary region/county growth forecast	06/30/2022
2	Presentation materials on growth forecast and various planning topics conducted by staff/consultants.	06/30/2022

TASK: 22-055.4856.02 **TASK BUDGET: \$527,643**
TASK NAME: OUTREACH AND TECHNICAL COLLABORATION

Carryover Ongoing **PROJECT MANAGER: TOM VO**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	108,601	0	0	0	108,601
Benefits	84,973	0	0	0	84,973
Indirect Cost	273,548	0	0	0	273,548
In-Kind Commits	60,521	0	0	0	60,521
Total	\$527,643	\$0	\$0	\$0	\$527,643



PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	467,122	0	0	0	467,122
In-Kind Commits	60,521	0	0	0	60,521
Total	\$527,643	\$0	\$0	\$0	\$527,643

PREVIOUS ACCOMPLISHMENTS

Provided General Plan Technical Assistance (e.g., Housing, Safety, EJ, etc.) to the local jurisdictions related to background training, tool demos, data, and personalized (one-on-one) sessions.

OBJECTIVES

The purpose of this program is to (1) enhance staff planning knowledge and technical capabilities, (2) improve collaboration between planning departments (3) promote SCAG available products (e.g. HELPR tool, local profiles, vulnerability indicators, equity indicators, transportation variables, sensitive environmental layers, etc.) and (4) provide personalized (one-on-one) technical assistance to local jurisdictions to optimize their planning processes.

Furthermore, this program supports outreach to local jurisdictions in the development of the 2024 RTP/SCS, including software trainings, conducting the Bottom-Up Local Input and Envisioning Process (i.e. one-on-one meetings with stakeholders to help inform the plan/establish a baseline of existing conditions), and developing the Subregional Delegation Framework for the 2024 RTP/SCS. In addition, the purpose is to coordinate, plan, and prepare a team of SCAG technical staff to provide technical assistance to local jurisdictions to assist them with their local planning activities (e.g. Housing Element, Safety Element, and EJ Element, etc.) via (1) model policies, (2) data, and (3) tools.



PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Engage with stakeholders to craft the SCS Subregional Delegation Framework for the 2024 RTP/SCS	Staff	07/01/2021	06/30/2022
2	Develop a strategy for engagement with local jurisdictions in the development of the 2024 RTP/SCS	Staff	07/01/2021	06/30/2022
3	Develop strategy and training curriculum to providing training to SCAG staff on software, policies, data, and tools	Staff	07/01/2021	07/31/2021
4	Develop outreach strategy to communicate and schedule technical assistance with the requested local jurisdictions	Staff	07/01/2021	07/31/2021
5	Monitor and management the performance of technical assistance services	Staff	07/01/2021	06/30/2022
6	Coordinate with Managers and subject experts to develop training curriculum to train SCAG staff on the next topic of technical assistance	Staff	12/01/2021	12/31/2021
7	Develop staff report and presentation to discuss the performance of the program	Staff	06/01/2022	06/30/2022

Product No	Product Description	Completion Date
1	SCS Subregional Delegation Framework	06/30/2022
2	Strategy document for engagement with local jurisdictions and other stakeholders for development of the 2024 RTP/SCS	06/30/2022
3	Technical assistance services related to policies, data, and tools training on different planning topics (e.g. Housing Element, Safety Element, Environmental Justice Element, etc.)	06/30/2022
4	Personalized (one-on-one) technical assistance services to the requested local jurisdictions	06/30/2022
5	Training curriculum on different planning topics	06/30/2022
6	Outreach strategy and appointments with the requested local jurisdictions	06/30/2022
7	Staff report and presentation to report the performance of the program	06/30/2022

TASK: 22-055.4856.04 **TASK BUDGET: \$130,879**
TASK NAME: TAX INCREMENT FINANCING FOR SUSTAINABLE GROWTH

Carryover Ongoing **PROJECT MANAGER: KIMBERLY CLARK**

PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	17,025	0	0	0	17,025
Benefits	13,321	0	0	0	13,321
Indirect Cost	42,881	0	0	0	42,881
Travel	2,500	0	0	0	2,500
Consultant	0	45,340	0	0	45,340
In-Kind Commits	9,812	0	0	0	9,812
Total	\$85,539	\$45,340	\$0	\$0	\$130,879

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	75,727	0	0	0	75,727
FTA 5303	0	40,140	0	0	40,140
TDA	0	5,200	0	0	5,200
In-Kind Commits	9,812	0	0	0	9,812
Total	\$85,539	\$45,340	\$0	\$0	\$130,879

PREVIOUS ACCOMPLISHMENTS

SCAG funded the development and successful adoption of California's first city/county Enhanced Infrastructure Financing District (EIFD) in the City of Placentia/County of Orange to fund transit supportive infrastructure around the upcoming Metrolink Station. SCAG also completed several pilot projects, and actively engaged with stakeholders to support implementation of additional EIFDs in the SCAG region. This project also led to the integration of self-help financing strategies in Connect SoCal, including the land use strategy to support local jurisdictions in the establishment of EIFDs, CRIAS, or other tax increment or value capture tools to finance sustainable infrastructure and development projects including parks and open space.

OBJECTIVES

Conduct pilot studies and provide technical assistance to local jurisdictions for establishing local financing mechanisms and streamlining (e.g. tax increment financing districts and CEQA streamlining districts) to spur



PROGRAM: 055 - REGIONAL FORECASTING, SOCIOECONOMIC TECHNICAL & POLICY ANALYSIS

sustainable infrastructure, affordable housing, climate adaptation infrastructure, and transit-oriented growth. Support development of local financing strategies for the 2024 RTP/SCS, and implement land use strategy in Connect SoCal to support local jurisdictions in the establishment of EIFDs, CRIAS, or other tax increment or value capture tools to finance sustainable infrastructure and development projects including parks and open space.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct studies and provide technical assistance evaluating the viability and benefit of tax increment financing districts to support regionally significant housing and transportation projects.	Staff/Consultant	07/01/2021	06/30/2022
2	Engage decisionmakers and identify actionable steps to promote sustainable development.	Staff	07/01/2021	06/30/2022
3	Develop framework for utilization of self-help financing strategies in the 2024 Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS).	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Progress reports.	06/30/2022
2	Pilot studies evaluating potential EIFD formation for jurisdictions in the SCAG region	06/30/2022
3	Outreach logs documentation engagements supporting EIFD formation	06/30/2022



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PROGRAM: 060 - CORRIDOR PLANNING

MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$87,467

OBJECTIVE

Provide input to the RTP/SCS on the design concept and scope of major transportation corridor investments, as identified upon the completion of corridor planning studies conducted under this work element and in partnership with other agencies. Initiate and/or support our partners in developing comprehensive, multi-modal and sustainable corridor plans that will meet the needs of the region, including mobility choices, well maintained, sustainable and safer transportation system. Ensure that corridor planning studies are completed in accordance with federal transportation planning requirements as identified in 23 CFR 450.

PROJECT: CORRIDOR PLANNING

DEPARTMENT NAME: 412 - TRANSPORTATION PLANNING & PROGRAMMING DEPT

MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$87,467

PROJECT DESCRIPTION

Support implementation of the 2020 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) or Connect SoCal by supporting and coordinating Corridor Planning efforts carried out by our implementation partners .

TASK: 22-060.0124.01 **TASK BUDGET:** \$87,467

TASK NAME: CORRIDOR PLANNING

Carryover Ongoing **PROJECT MANAGER:** HINA CHANCLANI

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	18,003	0	0	0	18,003
Benefits	14,086	0	0	0	14,086
Indirect Cost	45,345	0	0	0	45,345
In-Kind Commits	10,033	0	0	0	10,033
Total	\$87,467	\$0	\$0	\$0	\$87,467

PROGRAM: 060 - CORRIDOR PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	77,434	0	0	0	77,434
In-Kind Commits	10,033	0	0	0	10,033
Total	\$87,467	\$0	\$0	\$0	\$87,467

PREVIOUS ACCOMPLISHMENTS

Incorporated and reflected corridor studies completed over the last several years into the adopted 2020 RTP/SCS or Connect SoCal.

OBJECTIVES

SCAG will continue to provide our stakeholders with input on major corridor studies. Work completed under this task will provide input to the next RTP/SCS on the locally-preferred strategies of major transportation investments, as identified upon the completion of multimodal corridor planning studies conducted under this work element and in partnership with other agencies.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Prepare and provide input on corridor study efforts led by other planning partner agencies including Caltrans, county commissions and subregions.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Summary report of progress made on corridor improvements	06/30/2022



PROGRAM: 065 - SUSTAINABILITY PROGRAM

MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$1,136,048

OBJECTIVE

SCAG's Sustainability Program is a core effort for implementing the Connect SoCal, the 2020 RTP/SCS. The program demonstrates that the region can achieve mobility, air quality, and public health goals through local land use and policy changes along with targeted transportation investments. The program also focuses on developing regional resiliency strategies; explores pressing issues and possible challenges Southern California's residents may face in the coming decades, including climate change impacts to public health; furthers the region's ability to model the impacts of transportation and land use changes on public health; and considers ways to address potential disruptions to anticipated regional development patterns and transportation investments.

PROJECT: SUSTAINABILITY PROGRAM

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$339,221

PROJECT DESCRIPTION

The Sustainability work element promotes implementation of the 2016 RTP/SCS. Along with other regional policies by developing and applying new regionally and locally applicable planning tools. Furthermore, this element provides member jurisdictions with technical assistance for Integrated Transportation, Land Use and Sustainability Planning consistent with the RTP/SCS and other policies.

A major component of this year's work will be continuing the Sustainability Planning Grant Program. Work will also be consistent with Caltrans' Smart Mobility Framework and Complete Streets Program (Deputy Directive 64-R1).

TASK: 22-065.0137.07 **TASK BUDGET:** \$100,075
TASK NAME: LOCAL TECHNICAL ASSISTANCE AND TOOLBOX TUESDAYS

Carryover Ongoing **PROJECT MANAGER:** INDIA BROOKOVER

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	22,104	0	0	0	22,104
Benefits	17,295	0	0	0	17,295
Indirect Cost	55,676	0	0	0	55,676
Other	5,000	0	0	0	5,000
Total	\$100,075	\$0	\$0	\$0	\$100,075

PROGRAM: 065 - SUSTAINABILITY PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	100,075	0	0	0	100,075
Total	\$100,075	\$0	\$0	\$0	\$100,075

PREVIOUS ACCOMPLISHMENTS

Hosted 8 Toolbox Tuesday webinars and one 3-part series on various topics that relate to implementation of Connect SoCal strategies. Enhanced coordination with public affairs department staff. Established and began implementing new goals related to increasing webinar participation and incorporating equity into the training topics as well as making the webinars more accessible.

OBJECTIVES

Provide Local Technical Assistance and the Toolbox Training Series to build local capacity in innovative and integrated transportation and planning tools. The Toolbox Tuesdays serve as important opportunities for inter-governmental communication. By bringing together planners from diverse areas of the region the sessions provide opportunities for jurisdictions to learn from each other about successes and failures in new approaches to transportation and planning. In a region as vast as SCAG, forums where staff from dense urban communities can share their concerns and successes with planners from less populated areas are highly valued. Toolbox Training sessions equip local government planners to think beyond their traditional roles, and respond to new mandates that require collaboration and public participation.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Engage SCAG departments and outside agencies to identify topics and schedule training sessions. Create shared calendar of training sessions.	Staff	07/01/2021	06/30/2022
2	Prepare Toolbox Tuesdays sessions, promote attendance, and manage session logistics.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Toolbox Tuesday training calendar.	06/30/2022
2	Toolbox Tuesday training presentations, registration rosters, and announcements.	06/30/2022

TASK: 22-065.0137.08 **TASK BUDGET: \$88,793**
TASK NAME: SUSTAINABILITY RECOGNITION AWARDS

Carryover Ongoing **PROJECT MANAGER: JOSEPH CRYER**

PROGRAM: 065 - SUSTAINABILITY PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	19,481	0	0	0	19,481
Benefits	15,243	0	0	0	15,243
Indirect Cost	49,069	0	0	0	49,069
Other	5,000	0	0	0	5,000
Total	\$88,793	\$0	\$0	\$0	\$88,793

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	88,793	0	0	0	88,793
Total	\$88,793	\$0	\$0	\$0	\$88,793

PREVIOUS ACCOMPLISHMENTS

In FY 21 SCAG gathered a record number of nominations and completed the awards program despite interference from the COVID crisis.

OBJECTIVES

Plan and complete an awards program that recognizes outstanding examples of implementing Connect SoCal at the local and regional level. Examples include plans and projects that support low/zero-emission vehicle adoption, integrate land use and transportation planning, and foster vibrant, safe, sustainable, and affordable communities. The awards program is meant to inform SCAG and the region about best practices and inspire the region to pursue innovative and sustainable practices in their jurisdictions. They encourage communities to learn from each other, and to realize that there are a variety of transportation and land use planning approaches to fit agencies of all sizes and levels of complexity. Recognized projects also serve as local embodiments of Caltrans' Smart Mobility Framework and Complete Streets Program (Deputy Directive 64-R1).



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PROGRAM: 065 - SUSTAINABILITY PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Prepare Sustainability Recognition Awards nomination packet.	Staff	10/01/2021	12/31/2022
2	Hold jury day that gathers planning professionals to determine winners of the Sustainability Recognition Awards.	Staff	12/01/2021	03/31/2022
3	Prepare videos and program materials for Recognition Awards Reception.	Staff	02/01/2022	04/30/2022
4	Hold recognition awards ceremony.	Staff	04/01/2022	06/30/2022

Product No	Product Description	Completion Date
1	Program materials; summaries of winning projects	06/30/2022

TASK: 22-065.0137.12 **TASK BUDGET: \$150,353**

TASK NAME: ELECTRIC VEHICLE (EV) PROGRAM READINESS STRATEGIES

Carryover Ongoing **PROJECT MANAGER: JOSEPH CRYER**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	34,374	0	0	0	34,374
Benefits	26,896	0	0	0	26,896
Indirect Cost	86,583	0	0	0	86,583
Travel	2,500	0	0	0	2,500
Total	\$150,353	\$0	\$0	\$0	\$150,353

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	150,353	0	0	0	150,353
Total	\$150,353	\$0	\$0	\$0	\$150,353



PROGRAM: 065 - SUSTAINABILITY PROGRAM

PREVIOUS ACCOMPLISHMENTS

Kicked off the Accelerated Electrification strategy group in October 2020.

OBJECTIVES

Facilitate implementation of Electric Vehicle (EV) Strategies in the SCAG region.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct research, data collection and analysis, and outreach to support strategies to promote ZEVs and ZEV infrastructure in the region.	Staff	07/01/2021	06/30/2022
2	Implement Connect SoCal electric vehicle readiness strategies by collaborating and conducting outreach with stakeholders.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Outreach events, materials, and documentation	06/30/2022

PROJECT: GHG ADAPTATION FRAMEWORK

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
 MANAGER: JASON GREENSPAN TOTAL BUDGET: \$240,355

PROJECT DESCRIPTION

SCAG Analysis, regional discussion and development of regional climate adaptation approach and framework.

TASK: 22-065.4092.01 TASK BUDGET: \$240,355
 TASK NAME: ADAPTATION ANALYSIS

Carryover Ongoing PROJECT MANAGER: KIMBERLY CLARK

PROGRAM: 065 - SUSTAINABILITY PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	32,334	0	0	0	32,334
Benefits	25,300	0	0	0	25,300
Indirect Cost	81,445	0	0	0	81,445
Travel	4,000	0	0	0	4,000
Other	25,442	0	0	0	25,442
Consultant	0	50,000	0	0	50,000
In-Kind Commits	21,834	0	0	0	21,834
Total	\$190,355	\$50,000	\$0	\$0	\$240,355

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	168,521	0	0	0	168,521
FTA 5303	0	44,265	0	0	44,265
TDA	0	5,735	0	0	5,735
In-Kind Commits	21,834	0	0	0	21,834
Total	\$190,355	\$50,000	\$0	\$0	\$240,355

PREVIOUS ACCOMPLISHMENTS

Ongoing participation on Governor's Integrated Climate Adaptation and Resiliency Program Technical Advisory Committee; continued communication and outreach through the Climate Adaptation Working Group, Toolbox Tuesday trainings, and presentations to subregional stakeholders across the region. Technical assistance to local jurisdictions to update General Plan Safety Elements to address climate vulnerabilities, in accordance with SB 379 and SB 1035.

OBJECTIVES

Implement the Southern California Regional Climate Adaptation Framework and Connect SoCal's policy to support development of local climate adaptation and hazard mitigation plans as well as project implementation that improves community resilience to climate change and natural hazards for SCAG region stakeholders, in coordination with state legislation and state guidelines. Address climate-related initiatives from the Connect SoCal PEIR Mitigation & Monitoring Program. Provide climate adaptation and mitigation analysis to support the 2024 RTP/SCS.



PROGRAM: 065 - SUSTAINABILITY PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Provide technical assistance to local agencies to integrate climate change adaptation and mitigation in planning initiatives	Staff/Consultant	07/01/2021	06/30/2022
2	Communication & coordination with stakeholders and working group	Staff	07/01/2021	06/30/2022
3	Implement Connect SoCal and Regional Climate Adaptation Framework, and provide climate adaptation and mitigation analysis to support the 2024 RTP/SCS	Staff	07/01/2021	06/30/2022
4	Participate in the Integrated Climate Adaptation and Resilience Program (ICARP) from the Governor's Office of Planning and Research (OPR)	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Status updates on ICARP and Working Group meetings	06/30/2022
2	Climate adaptation and mitigation analysis to support development of the 2024 RTP/SCS	06/30/2022
3	Summary of technical assistance provided to local jurisdictions to integrate climate adaptation and mitigation strategies in local planning initiatives	06/30/2022

PROJECT: GREENHOUSE GAS REDUCTION FUND (GGRF) TECHNICAL ASSISTANCE

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$16,760

PROJECT DESCRIPTION

Help ensure state greenhouse gas reduction fund monies are available to Southern California region jurisdictions and stakeholders, and that funded projects support goals of the RTP/SCS as well as state and federal transportation planning priorities. Support member cities and disadvantaged communities, in their efforts to mitigate climate change through the use of Greenhouse Gas Reduction Fund Monies for integrated transportation and land use projects. Participate in proposal review in collaboration with state agencies.

TASK: 22-065.4853.01 **TASK BUDGET:** \$16,760
TASK NAME: GREENHOUSE GAS REDUCTION FUND (GGRF) TECHNICAL ASSISTANCE

Carryover Ongoing **PROJECT MANAGER:** LYLE JANICEK

PROGRAM: 065 - SUSTAINABILITY PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	3,450	0	0	0	3,450
Benefits	2,699	0	0	0	2,699
Indirect Cost	8,688	0	0	0	8,688
In-Kind Commits	1,923	0	0	0	1,923
Total	\$16,760	\$0	\$0	\$0	\$16,760

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	14,837	0	0	0	14,837
In-Kind Commits	1,923	0	0	0	1,923
Total	\$16,760	\$0	\$0	\$0	\$16,760

PREVIOUS ACCOMPLISHMENTS

Provided letters of support for 17 of projects within the SCAG region that met goals of the approved Regional Transportation Plan and Sustainable Communities Strategy.

OBJECTIVES

Help ensure state greenhouse gas reduction fund monies are available to Southern California region jurisdictions and stakeholders, and that funded projects support goals of the RTP/SCS as well as state and federal transportation planning priorities. Support member cities and disadvantaged communities, in their efforts to mitigate climate change through the use of Greenhouse Gas Reduction Fund Monies for integrated transportation and land use projects. Participate in proposal review in collaboration with state agencies.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Work with State Agencies to understand upcoming funding programs	Staff	07/01/2021	06/30/2022
2	Develop support letter and other materials for applicants where necessary	Staff	07/01/2021	06/30/2022
3	Review and analyze funding patterns to identify future opportunities	Staff	07/01/2021	06/30/2022



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PROGRAM: 065 - SUSTAINABILITY PROGRAM

Product No	Product Description	Completion Date
1	Letters of SCS consistency for GGRF applicants to applicable programs	06/30/2022
2	Summary of known applications from member cities that applied for GGRF monies and their status	06/30/2022

PROJECT: MOBILITY INNOVATIONS/TECHNOLOGY STUDY

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$7,424

PROJECT DESCRIPTION

Determine transportation technology penetration in the region and/or technology, i.e. ridesharing, carsharing modeling assumptions and methodology

TASK: 22-065.4855.02 **TASK BUDGET:** \$7,424
TASK NAME: RIDE HAILING DATA COLLECTION AND ANALYSIS (SANDAG GRANT PARTNERSHIP)

Carryover Ongoing **PROJECT MANAGER:** MARCO ANDERSON

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	1,726	0	0	0	1,726
Benefits	1,351	0	0	0	1,351
Indirect Cost	4,347	0	0	0	4,347
Total	\$7,424	\$0	\$0	\$0	\$7,424

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	7,424	0	0	0	7,424
Total	\$7,424	\$0	\$0	\$0	\$7,424



PROGRAM: 065 - SUSTAINABILITY PROGRAM

PREVIOUS ACCOMPLISHMENTS

Participated in bi-weekly project conference calls with MPO project partners. Reviewed and prioritized research interests submitted by researchers. Selected and interviewed two research teams to initiate collaboration. Reviewed detailed research proposals submitted by two research teams. Drafted and legal reviewed the Non-Disclosure Agreements. Removed Personal Identifiable Information (PII) from survey data. Disseminated survey data to one of the research teams.

Approved and signed Non-Disclosure Agreement (NDA) with UC Davis to share TNC survey data. Participated in the UC Davis research progress briefing. Approved and signed NDA with a project partner, SFCTA, to share TNC survey data. Finalized NDA with UC Berkeley. Provided input data set to the consultant for refining TNC survey data (transit trip unlinking). Reviewed project deliverables of sub-task orders for refining TNC survey data. Continue discussion on the research collaboration with USC.

OBJECTIVES

This project will conduct a survey of Transportation Network Company (TNC) users, non-users and drivers in the San Francisco Bay Area region, the Los Angeles region, and the San Diego region as part of the Future Mobility Research Program (FMRP). This cooperative effort aims to define a consistent approach for evaluating the range of potential changes to travel behavior associated with TNC services and future autonomous TNC services. Data collected through this project will enable MPOs and planning agencies to effectively model travel behavior and explore policies to guide these emerging modes in our respective long-range transportation plans.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage project	Staff	07/01/2021	06/30/2022
2	Manage stakeholder outreach	Staff	07/01/2021	06/30/2022
3	Perform survey analysis and develop planning strategie	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Survey results, and final report	06/30/2022

PROJECT: REGIONAL RESILIENCY ANALYSIS

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
 MANAGER: JASON GREENSPAN TOTAL BUDGET: \$307,561

PROJECT DESCRIPTION

Define "regional resilience", establish related goals and objectives, identify potential degree of disruptions to the region resulting from natural hazards.



PROGRAM: 065 - SUSTAINABILITY PROGRAM

TASK: 22-065.4858.01 **TASK BUDGET: \$307,561**
TASK NAME: REGIONAL RESILIENCY ANALYSIS

Carryover Ongoing **PROJECT MANAGER: LORIANNE ESTURAS**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	62,954	0	0	0	62,954
Benefits	49,258	0	0	0	49,258
Indirect Cost	158,571	0	0	0	158,571
Travel	1,500	0	0	0	1,500
In-Kind Commits	35,278	0	0	0	35,278
Total	\$307,561	\$0	\$0	\$0	\$307,561

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	272,283	0	0	0	272,283
In-Kind Commits	35,278	0	0	0	35,278
Total	\$307,561	\$0	\$0	\$0	\$307,561

PREVIOUS ACCOMPLISHMENTS

Collaboration with Resilience Policy Lab/Planning Studio on meeting Project/Task objective; development of Regional Resilience Framework Scope of Work

OBJECTIVES

Define "regional resilience", establish related goals and objectives, identify potential degree of disruptions to the region resulting from natural hazards, create a resilience framework for integration into the 2024 RTP/SCS



PROGRAM: 065 - SUSTAINABILITY PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research resilience best practices and strategies to address and prepare for near- and long-term disruptions to the SCAG region	Staff	07/01/2021	06/30/2022
2	Engage with key stakeholders, including local jurisdictions, subregional agencies, and regional working groups	Staff	07/01/2021	06/30/2022
3	Develop an exploratory scenario planning process that aligns with 2024 RTP/SCS modeling and plan development	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Strategies and best practices for inclusion into the 2024 RTP/SCS	06/30/2022
2	Meeting agendas, materials, and reports of stakeholder outreach	06/30/2022
3	Resilience framework and data layers to be integrated into the 2024 RTP/SCS modeling process	06/30/2022

PROJECT: PRIORITY AGRICULTURAL LANDS

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$144,111

PROJECT DESCRIPTION

Develop Priority Agricultural Lands Program to implement Connect SoCal's agricultural lands conservation strategies.

TASK: 22-065.4876.01 **TASK BUDGET:** \$144,111
TASK NAME: PRIORITY AGRICULTURAL LANDS

Carryover Ongoing **PROJECT MANAGER:** INDIA BROOKOVER

PROGRAM: 065 - SUSTAINABILITY PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	19,254	0	0	0	19,254
Benefits	15,065	0	0	0	15,065
Indirect Cost	48,497	0	0	0	48,497
Travel	500	0	0	0	500
Non-Profits/IHL	0	0	0	50,000	50,000
In-Kind Commits	10,795	0	0	0	10,795
Total	\$94,111	\$0	\$0	\$50,000	\$144,111

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	83,316	0	0	0	83,316
FTA 5303	0	0	0	44,265	44,265
TDA	0	0	0	5,735	5,735
In-Kind Commits	10,795	0	0	0	10,795
Total	\$94,111	\$0	\$0	\$50,000	\$144,111

PREVIOUS ACCOMPLISHMENTS

Conducted research into existing agricultural conservation programs and best practices at other MPOs and COGs throughout California.

OBJECTIVES

Develop Priority Agricultural Lands Program to implement Connect SoCal's agricultural lands conservation strategies.



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PROGRAM: 065 - SUSTAINABILITY PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop Project Scope	Staff	07/01/2021	06/30/2022
2	Identify partners	Non-Profits/IHL	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Draft scope of work.	06/30/2022
2	Status report.	06/30/2022

PROJECT: NATURAL & AGRICULTURAL LANDS POLICY DEVELOPMENT & IMPLEMENTATION

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$80,616

PROJECT DESCRIPTION

Development and implementation of a suite of conservation options supporting the integration of land use strategies and transportation investments per the RTP/SCS.

TASK: 22-065.4878.01 **TASK BUDGET:** \$80,616
TASK NAME: NATURAL & AGRICULTURAL LANDS POLICY DEVELOPMENT & IMPLEMENTATION

Carryover Ongoing **PROJECT MANAGER:** INDIA BROOKOVER

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	16,593	0	0	0	16,593
Benefits	12,983	0	0	0	12,983
Indirect Cost	41,793	0	0	0	41,793
In-Kind Commits	9,247	0	0	0	9,247
Total	\$80,616	\$0	\$0	\$0	\$80,616

PROGRAM: 065 - SUSTAINABILITY PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	71,369	0	0	0	71,369
In-Kind Commits	9,247	0	0	0	9,247
Total	\$80,616	\$0	\$0	\$0	\$80,616

PREVIOUS ACCOMPLISHMENTS

Hosted 3 Natural & Agricultural Lands Conservation Working group meetings to engage stakeholders on Connect SoCal's conservation strategies and share best practices; coordinate with Caltrans to conduct research and establish methods to inventory transportation wildlife crossing through out SCAG region; participate in steering committee for San Bernardino Regional Conservation Investment Strategy.

OBJECTIVES

Development and implementation of a suite of conservation options supporting the integration of land use strategies and transportation investments per the RTP/SCS. Helps to fulfill mitigation and monitoring actions prescribed in 2020 Connect SoCal PEIR.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Hold Natural & Farm Land Conservation Working Group meetings	Staff	07/01/2021	06/30/2022
2	Implement Connect SoCal (open space) component policy recommendations.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Working group and stakeholder outreach process records (agenda and materials).	06/30/2022
2	Status report on Connect SoCal Natural Lands (open space) component implementation recommendations	06/30/2022



PROGRAM: 070 - MODELING

MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$8,874,482

OBJECTIVE

Provide data and modeling services for the development and implementation of the RTP/SCS, FTIP, and other major land use and transportation planning initiatives. Analyze socioeconomic data and build analytical foundations for planning activities. Develop demographic and employment growth forecast through collaborating with local jurisdictions and peer planning agencies and building consensus. Continue to provide small area socioeconomic data for scenario planning and transportation modeling. Provide member agencies tools to analyze the impacts of their land use and planning decisions. Develop, maintain and improve SCAG's modeling tools to more effectively forecast travel demand and estimate resulting air quality. Maintain a leadership role in the Southern California modeling community by coordinating the Region's modeling activities and by providing technical assistance and data services to member agencies and other public institutions. Promote model consistency through an active subregional modeling program. Continue ongoing modeling collaboration with SCAG's partners to advance the region's modeling practices.

PROJECT: REGIONAL TRANSP. MODEL DEVELOPMENT AND MAINTENANCE

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$3,046,167

PROJECT DESCRIPTION

Continually enhance and maintain regional models for use in evaluating SCAG's plans and programs. Incorporate state of the art model components, update model inputs and parameters, and perform model testing to ensure models accurately replicate existing and future conditions.

TASK: 22-070.0130.10 **TASK BUDGET:** \$996,839
TASK NAME: MODEL ENHANCEMENT AND MAINTENANCE

Carryover Ongoing **PROJECT MANAGER:** HAO CHENG

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	156,804	0	0	0	156,804
Benefits	122,689	0	0	0	122,689
Indirect Cost	394,963	0	0	0	394,963
Consultant TC	0	0	235,000	0	235,000
In-Kind Commits	87,383	0	0	0	87,383
Total	\$761,839	\$0	\$235,000	\$0	\$996,839
Toll Credits/Not an Expenditure	0	0	26,955	0	26,955

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	674,456	0	0	0	674,456
FTA 5303	0	0	235,000	0	235,000
In-Kind Commits	87,383	0	0	0	87,383
Total	\$761,839	\$0	\$235,000	\$0	\$996,839
Toll Credits/Not a revenue	0	0	26,955	0	26,955

PREVIOUS ACCOMPLISHMENTS

Calibrated and validated the Trip-based travel demand model to base year 2016 the latest TransCAD platform.
 Started model enhancement for the analysis of 2024 RTP/SCS, including enhancing model capability, improving model sensitivity and model operation procedure.
 Updated model operation management tool and model data tool to support post RTP/SCS analysis.
 Developed 2019 base year highway and transit network.
 Developed SOW for Master Network tool enhancement and started RFP preparation.
 Created 2019 traffic database to support the next model validation task.
 Collected and created screenline counts and transit ridership data for 2019 base year model calibration and validation.
 Conducted a variety of model tests to analyze the different features and capacities of the new model.

OBJECTIVES

To ensure SCAG's models are up-to-date by continuously updating model inputs and parameters.
 To improve model procedures and incorporate new modeling methodologies to further enhance SCAG's modeling

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capabilities.

To promote the efficiency and quality of model operation by creating and enhancing model operation tools and adding QA measurement.

To enhance the accuracy and expand the capability of model data analysis by updating the data processing tools .

To support a variety of transportation planning activities and model calibration and validation by collecting /processing travel pattern and creating traffic database for 2019 base year.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct project management including: manage consultant contracts; review consultant products and invoices; monitor project progress; and conduct progress meetings.	Staff	07/01/2021	06/30/2022
2	Perform model maintenance and enhancement by updating model parameters, model variables and coefficients. Perform model validation check, conduct model sensitivity testing, and incorporate new modeling methodologies to further enhance SCAG's Models.	Staff/Consultant	07/01/2021	06/30/2022
3	Provide SCAG models technical support and analysis. Tasks may include the following tasks: 1)support model development and enhancement; 2)support model output data analysis; 3)streamline model operation procedure and model output reporting process; 4)support air quality model analysis and integration; and 5) research, transportation data analysis, and advanced statistical analysis.	Staff/Consultant	07/01/2021	06/30/2022
4	Provide model software/programming services; optimize software and hardware integration; and conduct training on model methodologies and model software.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Updated model and tools software	06/30/2022
2	All data, technical memo, training materials, and final report	06/30/2022

TASK: 22-070.0130.12

TASK BUDGET: \$1,006,455

TASK NAME: HEAVY DUTY TRUCK (HDT) MODEL UPDATE

Carryover Ongoing **PROJECT MANAGER: MANA SANGKAPICHAJ**

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SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	136,657	0	0	0	136,657
Benefits	106,925	0	0	0	106,925
Indirect Cost	344,217	0	0	0	344,217
Consultant TC	0	0	342,500	0	342,500
In-Kind Commits	76,156	0	0	0	76,156
Total	\$663,955	\$0	\$342,500	\$0	\$1,006,455
Toll Credits/Not an Expenditure	0	0	39,285	0	39,285

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	587,799	0	0	0	587,799
FTA 5303	0	0	342,500	0	342,500
In-Kind Commits	76,156	0	0	0	76,156
Total	\$663,955	\$0	\$342,500	\$0	\$1,006,455
Toll Credits/Not a revenue	0	0	39,285	0	39,285

PREVIOUS ACCOMPLISHMENTS

1. Coordinated with Goods Movement department for data, future workplan and scope of work for Heavy duty truck model update
2. Continued prepare truck related data purchase and Scope of Work
3. Continued collect and analyze HDT traffic data
4. Coordinated with Goods Movements and SANDAG on 2021 Freight Gateway study update
5. Coordinated with Caltrans for needs, uses and partnership possibilities for the statewide travel data

OBJECTIVES

SCAG updated the Heavy Duty Truck (HDT) model to evaluate important policy choice and investment decision. The HDT model is a primary analysis tool to support the goods movement policy decisions made by SCAG and regional stakeholders. The objective of this project is to update the intra-SCAG regional component of the existing HDT model and to perform a preliminary 2020 HDT model calibration and validation



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STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Project management, support, and weekly discussion	Staff	07/01/2021	06/30/2022
3	Data collection and analysis - collect and analyze updated commodity flow or HDT data	Staff/Consultant	07/01/2021	06/30/2022
4	Model estimation - estimate HDT model, and conduct model calibration and validation	Staff/Consultant	07/01/2021	06/30/2022
5	Model implementation - software coding, testing, and fine tuning	Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Updated HDT model	06/30/2022
2	HDT model development summary report	06/30/2022

TASK: 22-070.0130.13 **TASK BUDGET: \$1,042,873**
TASK NAME: ACTIVITY-BASED MODEL (ABM) DEVELOPMENT AND SUPPORT

Carryover Ongoing **PROJECT MANAGER: BAYARMAA ALEKSANDR**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	142,609	0	0	0	142,609
Benefits	111,582	0	0	0	111,582
Indirect Cost	359,209	0	0	0	359,209
Consultant TC	0	0	350,000	0	350,000
In-Kind Commits	79,473	0	0	0	79,473
Total	\$692,873	\$0	\$350,000	\$0	\$1,042,873
Toll Credits/Not an Expenditure	0	0	40,145	0	40,145

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	613,400	0	0	0	613,400
FTA 5303	0	0	350,000	0	350,000
In-Kind Commits	79,473	0	0	0	79,473
Total	\$692,873	\$0	\$350,000	\$0	\$1,042,873
Toll Credits/Not a revenue	0	0	40,145	0	40,145

PREVIOUS ACCOMPLISHMENTS

SCAG Activity based model development for 2020 RTP/SCS was fully completed. Key improvements include: additional sub-models, calibration of key sub-models, system-wide model validation, comprehensive testing, software enhancement, and improving model running speed. The peer review meeting was conducted and the SCAG ABM meets federal and state laws/requirements. Main tasks for FY21 includes: ABM submodel update, refine/add policy analysis components to strengthen the ability of the SCAG ABM model to address the regional planning needs for 24RTP/SCS.

OBJECTIVES

ABM Enhancement:

Prepare ABM for 2024 RTP/SCS, including ABM submodel update, refine/add policy analysis components to strengthen the ability of the SCAG ABM model to address the regional planning needs .

This will include a 3-year consultant project. The project will begin in FY21-22. Main tasks included are: (i) Re-estimation of key sub-models from SCAG survey; (ii) Incorporate policy input; (iii) Model validation and peer review; and (iv) Model testing

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct literature review; Identify a list of sub-models and parameters to be enhanced Identify a list of new components to be added	Staff	07/01/2021	06/30/2022
2	Model refinement: Sub-model refinement	Staff/Consultant	07/01/2021	06/30/2022
3	Model extension: Incorporate policy elements	Staff/Consultant	07/01/2021	06/30/2022
4	Update model document; provide training	Staff/Consultant	07/01/2021	06/30/2022
5	Household Travel Survey-memo on survey methodology	Staff/Consultant	07/01/2021	06/30/2022



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PROGRAM: 070 - MODELING

Product No	Product Description	Completion Date
1	Updated model documentation	06/30/2022
2	Updated model software	06/30/2022

PROJECT: REGIONAL AND SUBREGIONAL MODEL COORDINATION/OUTREACH

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$1,053,112

PROJECT DESCRIPTION

Work with Regional and Subregional modeling agencies to promote model consistency and enhance the general level of modeling analysis throughout the region. Solicit feedback from modeling agencies to update SCAG's model input data and improve SCAG's models. Provide model data services to member agencies, universities, and other public agencies in support of their planning programs and research projects.

TASK: 22-070.0132.01 **TASK BUDGET:** \$179,124
TASK NAME: SUBREGIONAL MODEL DEVELOPMENT, COORDINATION AND OUTREACH

Carryover Ongoing **PROJECT MANAGER:** HAO CHENG

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	36,868	0	0	0	36,868
Benefits	28,847	0	0	0	28,847
Indirect Cost	92,863	0	0	0	92,863
In-Kind Commits	20,546	0	0	0	20,546
Total	\$179,124	\$0	\$0	\$0	\$179,124



PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	158,578	0	0	0	158,578
In-Kind Commits	20,546	0	0	0	20,546
Total	\$179,124	\$0	\$0	\$0	\$179,124

PREVIOUS ACCOMPLISHMENTS

Provided support to VCTC and SBCTA on updating and maintaining sub-regional models.
 Provided data for WRCOG's RIVCOM development.
 Coordinated with sub-regions on the model consistency between SCAG's regional model output and the sub-regions' modeling data.

OBJECTIVES

SCAG strives to continually improve the level of modeling within the SCAG region and ensure local agencies are using consistent model input data and modeling tools. To achieve these objectives, SCAG provides modeling assistance and modeling data to sub-regional modeling agencies. Also, SCAG works closely with the sub regions to ensure their model changes and data enhancements are incorporated into the Regional Model.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Provide technical support, model input data, model setups, and model documentation to subregional modeling agencies and other stakeholders	Staff	07/01/2021	06/30/2022
2	Support member agencies developing and improving their models by assisting in the implementation of SCAG's new Subregional Model Development Tool and by participating on modeling advisory committees.	Staff	07/01/2021	06/30/2022
3	Perform outreach to regional and subregional modeling agencies to coordinate and promote SCAG's major modeling initiatives.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Subregional model coordination and technical support	06/30/2022

TASK: 22-070.0132.04 **TASK BUDGET: \$256,816**
TASK NAME: REGIONAL MODELING COORDINATION AND MODELING TASK FORCE

Carryover Ongoing **PROJECT MANAGER: HAO CHENG**

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	52,859	0	0	0	52,859
Benefits	41,358	0	0	0	41,358
Indirect Cost	133,142	0	0	0	133,142
In-Kind Commits	29,457	0	0	0	29,457
Total	\$256,816	\$0	\$0	\$0	\$256,816

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	227,359	0	0	0	227,359
In-Kind Commits	29,457	0	0	0	29,457
Total	\$256,816	\$0	\$0	\$0	\$256,816

PREVIOUS ACCOMPLISHMENTS

Conducted bi-monthly Modeling Task Force Meetings. Also, coordinated SCAG's regional modeling activities with member jurisdictions and with State and Federal agencies.

OBJECTIVES

To elevate the level of transportation modeling within the SCAG Region. SCAG provides leadership to the Southern California modeling community by coordinating national, state, regional and local modeling programs.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct outreach to SCAG members to educate and promote SCAG's state of the art modeling program. Conduct inter-agency coordination through bi-monthly Modeling Task Force Meetings and other forums.	Staff	07/01/2021	06/30/2022
2	Coordinate modeling activities with transportation commissions, MPOs, Caltrans, ARB, air districts, and State/Federal agencies.	Staff	07/01/2021	06/30/2022
3	Participate in technical committees, conferences, and other technical forums.	Staff	07/01/2021	06/30/2022

PROGRAM: 070 - MODELING

Product No	Product Description	Completion Date
1	Bi-monthly Modeling Task Force Meeting presentation materials	06/30/2022

TASK: 22-070.0132.08 **TASK BUDGET: \$617,172**

TASK NAME: MODEL DATA DISTRIBUTION AND SUPPORT

Carryover Ongoing **PROJECT MANAGER: HAO CHENG**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	127,028	0	0	0	127,028
Benefits	99,391	0	0	0	99,391
Indirect Cost	319,963	0	0	0	319,963
In-Kind Commits	70,790	0	0	0	70,790
Total	\$617,172	\$0	\$0	\$0	\$617,172

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
FHWA PL	546,382	0	0	0	546,382
In-Kind Commits	70,790	0	0	0	70,790
Total	\$617,172	\$0	\$0	\$0	\$617,172

PREVIOUS ACCOMPLISHMENTS

Fulfilled approximately 120 requests on SCAG regional model, socioeconomic data, and model output data from member jurisdictions, partners, universities, and companies/organizations working on projects in the SCAG region. SCAG modeling staff also provide technical advice for modeling related questions.

OBJECTIVES

SCAG provides modeling data and technical analysis to support stakeholders' planning programs, to assist in the development and maintenance of city and subregional models, and to help in project analyses. SCAG provides modeling data services to member agencies, universities, and other public agencies by providing model setups, model input data, and model results.



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PROGRAM: 070 - MODELING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Provide technical assistance; model setups; model input data; model results; and model documentation to member agencies and external stakeholders.	Staff	07/01/2021	06/30/2022
2	Track and monitor model and data requests.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Various modeling data to stakeholders	06/30/2022

PROJECT: MODEL APPLICATION & ANALYSIS

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.

MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$932,350

PROJECT DESCRIPTION

Provide modeling analysis for SCAG's plans, programs, and projects, including: the RTP/SCS, RTP Amendments, FTIP, STIP, AQMP, Corridor Studies, and Special Planning Studies. In addition, provide Air Quality and Conformity Analysis for SCAG's plans, programs and projects.

TASK: 22-070.0147.01 **TASK BUDGET:** \$689,501

TASK NAME: RTP/FTIP MODELING, COORDINATION AND ANALYSIS

Carryover Ongoing **PROJECT MANAGER:** MANA SANGKAPICHAJ

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	141,915	0	0	0	141,915
Benefits	111,039	0	0	0	111,039
Indirect Cost	357,461	0	0	0	357,461
In-Kind Commits	79,086	0	0	0	79,086
Total	\$689,501	\$0	\$0	\$0	\$689,501

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	610,415	0	0	0	610,415
In-Kind Commits	79,086	0	0	0	79,086
Total	\$689,501	\$0	\$0	\$0	\$689,501

PREVIOUS ACCOMPLISHMENTS

Task was merged with 070.0147.02 since both tasks were similar. Previous name was "FTIP Modeling, Coordination and Analysis."

OBJECTIVES

To provide modeling analysis for developing SCAG's RTP/SCS, RTP amendments and FTIP. Major tasks include: coordinating with planning staff, developing and updating model inputs, conducting model runs, analyzing model results, performing conformity analysis, producing summary reports, and writing model documentation.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Coordinate RTP/SCS and FTIP modeling activities with other SCAG departments, outside stakeholders, and State and Federal agencies	Staff	07/01/2021	06/30/2022
2	Prepare model inputs including highway and transit networks. Also, review and update model assumptions, parameters, and socio-economic data	Staff	07/01/2021	06/30/2022
3	Perform transportation model runs, evaluate model results, and produce summary reports	Staff	07/01/2021	06/30/2022
4	Apply air quality emission models and preform conformity analysis. Also, coordinate modeling activities and provide technical assistance to SCAG's Air Quality Staff	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Model results and summary reports	06/30/2022

TASK: 22-070.0147.03 **TASK BUDGET: \$242,849**
TASK NAME: SPECIAL PLANNING STUDIES MODELING AND ANALYSIS

Carryover Ongoing **PROJECT MANAGER: BAYARMAA ALEKSANDR**

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	49,984	0	0	0	49,984
Benefits	39,109	0	0	0	39,109
Indirect Cost	125,901	0	0	0	125,901
In-Kind Commits	27,855	0	0	0	27,855
Total	\$242,849	\$0	\$0	\$0	\$242,849

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	214,994	0	0	0	214,994
In-Kind Commits	27,855	0	0	0	27,855
Total	\$242,849	\$0	\$0	\$0	\$242,849

PREVIOUS ACCOMPLISHMENTS

Provided technical support and analyses to following studies:

- SCAG SCS off-model analysis
- SCAG's future work place study
- TM3 Teleworker survey (spelled out TM3)
- Induced demand analysis
- Job accessibility analysis for RHNA methodology
- Support a research project on Dynamic Traffic Analysis (UC Davis)
- VMT impact analysis on TSM
- Boarding analysis of Metroling strategic plan

OBJECTIVES

To participate in policy development and provide modeling support and technical analysis for regional planning initiatives, corridor studies, and scenario testing and analysis. coordinate and support planning departments to analyze travel impact of planning strategies in terms of modeling and off-model approach



PROGRAM: 070 - MODELING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Coordinate with project sponsors to obtain background information regarding the strategic initiative, planning, scenario, or other planning study. Provide technical recommendation regarding the study approach and or/findings.	Staff	07/01/2021	06/30/2022
2	Review and model assumptions and input data.	Staff	07/01/2021	06/30/2022
3	Conduct model runs, analyze the model results and produce the summary reports	Staff	07/01/2021	06/30/2022
4	Conduct research, literature review and data analysis to planning and policy initiatives and scenario or other planning studies.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Modeling and other planning analyses for internal and external applications	06/30/2022

PROJECT: SCENARIO PLANNING AND GROWTH FORECASTING

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$3,254,705

PROJECT DESCRIPTION

Develop tools for the collection of data for Scenario development and the creation of small area growth forecast. Facilitate communication between SCAG and local jurisdictions in the process of local input and public outreach. Provide member agencies with tools to analyze the outreach. Impacts of their land use and planning decisions.

TASK: 22-070.2665.01 **TASK BUDGET:** \$1,428,258
TASK NAME: SCENARIO PLANNING AND MODELING

Carryover Ongoing **PROJECT MANAGER:** JUNGA UHM

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	269,932	0	0	0	269,932
Benefits	211,204	0	0	0	211,204
Indirect Cost	679,914	0	0	0	679,914
Consultant TC	0	0	200,000	0	200,000
In-Kind Commits	67,208	0	0	0	67,208
Total	\$1,228,258	\$0	\$200,000	\$0	\$1,428,258
Toll Credits/Not an Expenditure	0	0	22,940	0	22,940

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	518,736	0	0	0	518,736
FTA 5303	0	0	200,000	0	200,000
TDA	642,314	0	0	0	642,314
In-Kind Commits	67,208	0	0	0	67,208
Total	\$1,228,258	\$0	\$200,000	\$0	\$1,428,258
Toll Credits/Not a revenue	0	0	22,940	0	22,940

PREVIOUS ACCOMPLISHMENTS

Staff worked on updating and processing Connect SoCal dataset and performed SPM runs to analyze the performance of the updated final plan on transportation, water and energy use, public health, fiscal impact, and land conservation. Also Consultant completed the development of summary technical documents and a case study report for a public health module.

OBJECTIVES

Continue to maintain and monitor Scenario Planning Model (SPM) systems to better support regional as well as local application. Update a system codebase and workflow, and assess and calibrate analysis modules in preparation for the next regional plan. Also, develop and implement a technical assistance program for local planners and SCAG staff, including training.



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PROGRAM: 070 - MODELING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Assess and update the current SPM codebase and workflow	Staff/Consultant	07/01/2021	06/30/2022
2	Update and calibrate SPM analysis modules	Staff/Consultant	07/01/2021	06/30/2022
3	SPM system maintenance and technical assistance	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Updated SPM codebase and workflow	06/30/2022
2	Updated/calibrated SPM analysis modules	06/30/2022
3	SPM system maintenance and technical assistance	06/30/2022

TASK: 22-070.2665.02 **TASK BUDGET: \$1,826,447**
TASK NAME: GROWTH FORECASTING - DEVELOPMENT, OUTREACH, AND COLLABORATION

Carryover Ongoing **PROJECT MANAGER: YING ZHOU**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	375,924	0	0	0	375,924
Benefits	294,136	0	0	0	294,136
Indirect Cost	946,893	0	0	0	946,893
In-Kind Commits	209,494	0	0	0	209,494
Total	\$1,826,447	\$0	\$0	\$0	\$1,826,447

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FTA 5303	716,953	0	0	0	716,953
FTA 5303 C/O	900,000	0	0	0	900,000
In-Kind Commits	209,494	0	0	0	209,494
Total	\$1,826,447	\$0	\$0	\$0	\$1,826,447

PREVIOUS ACCOMPLISHMENTS

- Staff drafted and released a Request for Information (RFI) for SPM system codebase update project and worked on Q&As. The RFI is due on Jan 18, 2021.
- Staff completed the update of SPM technical documentation
- Staff finished the setup of SPM output dashboard on ArcGIS dashboard platform
- Staff prepared for SPM Data Management systemwide database update
- Staff continued to perform system maintenance and monitoring to ensure optimal system performance of SPM Data Management system

OBJECTIVES

To develop socioeconomic estimates and growth projections for the 2024 RTP/SCS; coordinate with local jurisdictions and subregional agencies to build consensus on socioeconomic and land use growth forecasts; conduct Scenario Planning analysis and develop technical methodologies for SCAG's planning programs; produce socioeconomic data for SCAG's various transportation model runs; and provide data services to SCAG partners, stakeholders, and local jurisdictions for various planning activities.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop socioeconomic estimates and projections for 2024 RTP/SCS.	Staff	07/01/2021	06/30/2022
2	Conduct socioeconomic forecast research and incorporate the best methodologies and data including into the forecasting process.	Staff	07/01/2021	06/30/2022
3	Collaborate and coordinate with peer agencies, research institutions and the local jurisdictions to collect and build the forecast estimates.	Staff	07/01/2021	06/30/2022
4	Improve data development efficiency and quality and support planning activities in the region.	Staff	07/01/2021	06/30/2022



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PROGRAM: 070 - MODELING

Product No	Product Description	Completion Date
1	Socioeconomic growth estimates and projections for 2024RTP/SCS local review process.	06/30/2022
2	County/Jurisdictional level estimates for Population, Household, and Employment.	06/30/2022
3	TAZ level socioeconomic data for transportation modeling	06/30/2022

PROJECT: CLOUD INFRASTRUCTURE

DEPARTMENT NAME: 210 - INFORMATION TECHNOLOGY DIV.
MANAGER: EMMANUEL FIGUEROA **TOTAL BUDGET: \$588,148**

PROJECT DESCRIPTION

Plan and manage SCAG's cloud based infrastructure to support development of the 2020 RTP/SCS. This cloud based approach will allow SCAG's modeling team to run data models more efficiently and with scalability to support large modeling runs of the ABM.

TASK: 22-070.4851.01 **TASK BUDGET: \$588,148**
TASK NAME: CLOUD INFRASTRUCTURE

Carryover Ongoing **PROJECT MANAGER: EMMANUEL FIGUEROA**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	49,016	0	0	0	49,016
Benefits	38,352	0	0	0	38,352
Indirect Cost	123,464	0	0	0	123,464
Consultant	0	350,000	0	0	350,000
In-Kind Commits	27,316	0	0	0	27,316
Total	\$238,148	\$350,000	\$0	\$0	\$588,148

PROGRAM: 070 - MODELING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	210,832	0	0	0	210,832
FTA 5303	0	309,855	0	0	309,855
TDA	0	40,145	0	0	40,145
In-Kind Commits	27,316	0	0	0	27,316
Total	\$238,148	\$350,000	\$0	\$0	\$588,148

PREVIOUS ACCOMPLISHMENTS

Completed many model runs for sustainable communities strategy. Create a cloud-based storage location and archive official 2020 data for sustainable communities strategy.

OBJECTIVES

Design implement and manage SCAG's cloud based infrastructure to support the RDP environments. Manage and optimize model operations and model enhancement of SCAG Activity Based Model (ABM). This cloud based approach will allow SCAG's modeling team to run models, process data more efficiently, and provide increased scalability to support large modeling runs of the ABM. It will also provide a reliable and redundant regional data platform (RDP) environment.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Design and implement cloud based infrastructure to support the RDP environments.	Staff/Consultant	07/01/2021	06/30/2022
2	Validate each RDP environment to be deployed (development, UAT, production)	Staff/Consultant	07/01/2021	06/30/2022
3	Monitor and maintain modeling and RDP cloud infrastructure.	Consultant	07/01/2021	06/30/2022
4	Confirm the infrastructure is optimized.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Data collection on run time outcomes.	06/30/2022
2	Documentation of RDP systems.	06/30/2022
3	Deployment of RDP supporting systems in the cloud.	06/30/2022



PROGRAM: 080 - PERFORMANCE ASSESSMENT & MONITORING

MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$592,565

OBJECTIVE

Provide performance assessment and monitoring of the SCAG region that is consistent with federal performance-based planning, monitoring, and reporting guidance. Ensure the region is on track toward achieving the goals of the 2020 RTP/SCS (Connect SoCal) and in the implementation of Connect SoCal. Performance Assessment & Monitoring tasks include the collection and analysis of data needed to identify and evaluate regional growth and development trends, transportation system performance, environmental quality, regional sustainability and climate resilience, public health, and the socioeconomic well-being of the SCAG population, including household income and housing affordability. The results of the monitoring and assessment program provide the basis for informed policy-making and support plan implementation, particularly in relation to regional transportation planning and required federal performance monitoring and reporting. The provision of assistance to our local jurisdictions in the implementation of the new CEQA transportation impact assessment requirements per SB 743 is also included in this task item. This program also works with the California Department of Transportation in the coordination and data collection mandated under the Highway Performance Monitoring System (HPMS).

PROJECT: PERFORMANCE ASSESSMENT & MONITORING

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$288,195

PROJECT DESCRIPTION

Activities related to the assessment of current conditions within the SCAG region in support of various regional planning programs and projects, including development of the biennial Local Profiles reports, annual HPMS data collection, SB 743 local implementation, and enhancement of performance assessment tools.

TASK: 22-080.0153.04 **TASK BUDGET:** \$288,195
TASK NAME: REGIONAL ASSESSMENT

Carryover Ongoing **PROJECT MANAGER:** MICHAEL GAINOR

PROGRAM: 080 - PERFORMANCE ASSESSMENT & MONITORING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	56,847	0	0	0	56,847
Benefits	44,479	0	0	0	44,479
Indirect Cost	143,189	0	0	0	143,189
Non-Profits/IHL	0	0	0	12,000	12,000
In-Kind Commits	31,680	0	0	0	31,680
Total	\$276,195	\$0	\$0	\$12,000	\$288,195

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	244,515	0	0	0	244,515
TDA	0	0	0	12,000	12,000
In-Kind Commits	31,680	0	0	0	31,680
Total	\$276,195	\$0	\$0	\$12,000	\$288,195

PREVIOUS ACCOMPLISHMENTS

Continued coordination with consultant and SCAG staff on development of Local Profiles online "dashboard" application. On-going management of (5) SB 743 local implementation assistance projects in support of local jurisdictions throughout the SCAG region.

OBJECTIVES

Compile data resources, manage development, and organize quality control activities in support of the biennial Local Profiles reports. Coordinate with local jurisdictions on enhancement of Local Profiles reports. Coordinate with Caltrans and local jurisdictions on annual HPMS data collection and outreach activities. Manage annual Average Vehicle Occupancy (AVO) analysis and reporting requirements for two Orange County toll facilities. Manage maintenance and database update of the 'REVISION' tool and coordinate development of application enhancements. Coordinate with state and local agencies on implementation of SB 743 transportation impact assessment requirements



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PROGRAM: 080 - PERFORMANCE ASSESSMENT & MONITORING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Coordinate with statewide and local agencies to provide support and guidance on the local and regional implementation of SB 743 requirements.	Non-Profits/IHL	07/01/2021	06/30/2022
2	Collection, analysis, and processing of data and information in support of the biennial Local Profiles reports, including data related to regional transportation system performance, housing, education, and economic indicators. Development and release of the 2021 Local Profiles reports.	Staff	07/01/2021	06/30/2022
3	Collection and analysis of data and information to assess progress toward regional plan goals, including maintenance activities supportive of the 'REVISION' regional performance monitoring tool.	Non-Profits/IHL	07/01/2021	06/30/2022
4	Manage annual regional HPMS data collection and outreach efforts. Coordinate with Caltrans on development of an HPMS Workshop to provide program information to local agencies.	Staff	07/01/2021	06/30/2022
5	Review and analyze vehicle occupancy data and submit required Average Vehicle Occupancy (AVO) reports for two Orange County toll facilities.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Final reports and products associated with (3) SCAG Sustainability grant-funded projects to assist local jurisdictions on SB 743 implementation. The (3) projects include the City of Los Angeles Department of Transportation, City of Temecula, and the San Bernardino County Transportation Authority.	06/30/2022
2	Local Profiles reports (201 local jurisdictions)	05/06/2022
3	Reports related to the annual regional HPMS data collection and outreach effort.	06/30/2022
4	Average Vehicle Occupancy (AVO) analysis reports and letters of concurrence in support of the SR-91 Expressway and the Eastern/ San Joaquin Hills Transportation Corridor toll facilities in Orange County.	06/30/2022

PROJECT: RTP/SCS PERFORMANCE MONITORING

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
MANAGER: RONGSHENG LUO **TOTAL BUDGET: \$304,370**

PROJECT DESCRIPTION

Manage SCAG's regional performance monitoring, data collection, and reporting program. Coordinate with Caltrans and local stakeholders on the development of statewide and regional MAP-21 performance monitoring targets. Compile data resources for MAP-21 travel time reliability, peak hour excessive delay, and CMAQ performance measures. Manage preparation of baseline MAP-21 performance monitoring report for the SCAG region for travel time

PROGRAM: 080 - PERFORMANCE ASSESSMENT & MONITORING

reliability, peak hour excessive delay, and CMAQ performance measures. Develop and manage a comprehensive on-going regional performance monitoring program in support of development and implementation of the 2020 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). Refinement of regional performance monitoring tools to support 2020 RTP/SCS development. Participate in 2020 RTP/SCS development activities, including identification of Plan goals, objectives, and performance measures.

TASK: 22-080.4854.01

TASK BUDGET: \$304,370

TASK NAME: RTP/SCS PERFORMANCE MONITORING

Carryover Ongoing **PROJECT MANAGER: MICHAEL GAINOR**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	61,484	0	0	0	61,484
Benefits	48,107	0	0	0	48,107
Indirect Cost	154,867	0	0	0	154,867
Travel	5,000	0	0	0	5,000
In-Kind Commits	34,912	0	0	0	34,912
Total	\$304,370	\$0	\$0	\$0	\$304,370

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	269,458	0	0	0	269,458
In-Kind Commits	34,912	0	0	0	34,912
Total	\$304,370	\$0	\$0	\$0	\$304,370

PREVIOUS ACCOMPLISHMENTS

Completed mid-term performance evaluation reporting activities in support of federal MAP-21 performance reporting requirements, including the development and submittal of the 2020 SCAG CMAQ Performance Plan. Provided performance monitoring update in support of the SCAG 2021 FTIP. On-going management of SCAG RTP/SCS performance monitoring program, including coordination with other SCAG staff on development of a regional performance monitoring framework.

PROGRAM: 080 - PERFORMANCE ASSESSMENT & MONITORING

OBJECTIVES

Manage SCAG's regional performance monitoring, data collection, and reporting program. Coordinate with Caltrans and local stakeholders on the development of statewide and regional MAP-21 performance monitoring targets. Compile data resources for MAP-21 travel time reliability, peak hour excessive delay, and CMAQ performance measures. Manage preparation of baseline MAP-21 performance monitoring report for the SCAG region for travel time reliability, peak hour excessive delay, and CMAQ performance measures. Develop and manage a comprehensive on-going regional performance monitoring program in support of development and implementation of the 2020 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). Refinement of regional performance monitoring tools to support 2020 RTP/SCS development. Participate in 2020 RTP/SCS development activities, including identification of Plan goals, objectives, and performance measures.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage SCAG's 2020 RTP/SCS (Connect SoCal) on-going regional performance monitoring and reporting program.	Staff	07/01/2021	06/30/2022
2	On-going data collection and performance analysis in support of MAP-21 travel time reliability, peak hour excessive delay, goods movement, transportation system safety, pavement and bridge condition, and CMAQ performance measures.	Staff	07/01/2021	06/30/2022
3	Compilation and analysis of regional data in support of comprehensive regional performance monitoring system to assess local implementation of the 2020 RTP/SCS (Connect SoCal).	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Reports related to 2020 RTP/SCS (Connect SoCal) performance monitoring.	06/30/2022
2	Summary of activities related to MAP-21 data collection, analysis, and reporting for travel time, peak hour excessive delay, goods movement, transportation system safety, pavement and bridge condition, and CMAQ performance measures.	06/30/2022



PROGRAM: 090 - PUBLIC INFORMATION & COMMUNICATIONS

MANAGER: MARGARET DE LARIOS **TOTAL BUDGET:** \$3,614,670

OBJECTIVE

Develop and execute a comprehensive external communications program that informs the region’s diverse audiences about SCAG programs, plans, initiatives and services. SCAG's communications strategies facilitates the agency's transportation planning activities by helping to inform the general public, media, agency stakeholders and partners about the existence, purpose and potential impact of these activities, and to convey this information in ways that are engaging and easy to understand for general audiences. SCAG communicates through various email and social media channels, engagement with local media, video production, websites, print collateral and workshops/events.

PROJECT: PUBLIC INFORMATION AND COMMUNICATION

DEPARTMENT NAME: 432 - MEDIA AND PUBLIC AFFAIRS DEPT.

MANAGER: MARGARET DE LARIOS **TOTAL BUDGET:** \$3,614,670

PROJECT DESCRIPTION

Develop and execute a comprehensive external communications program that informs the region’s diverse audiences about SCAG programs, plans, initiatives and services. SCAG's communications strategies facilitates the agency's transportation planning activities by helping to inform the general public, media, agency stakeholders and partners about the existence, purpose and potential impact of these activities, and to convey this information in ways that are engaging and easy to understand for general audiences. SCAG communicates through various email and social media channels, engagement with local media, video production, websites, print collateral and workshops/events.

TASK: 22-090.0148.01 **TASK BUDGET:** \$3,020,967

TASK NAME: PUBLIC INFORMATION AND COMMUNICATION

Carryover Ongoing **PROJECT MANAGER:** HOUSTON LANEY

PROGRAM: 090 - PUBLIC INFORMATION & COMMUNICATIONS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	540,475	0	0	0	540,475
Benefits	422,885	0	0	0	422,885
Indirect Cost	1,361,370	0	0	0	1,361,370
Other	100,000	0	0	0	100,000
Consultant TC	0	0	308,000	0	308,000
In-Kind Commits	288,237	0	0	0	288,237
Total	\$2,712,967	\$0	\$308,000	\$0	\$3,020,967
Toll Credits/Not an Expenditure	0	0	35,328	0	35,328

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FTA 5303	674,730	0	308,000	0	982,730
FTA 5303 C/O	1,550,000	0	0	0	1,550,000
TDA	200,000	0	0	0	200,000
In-Kind Commits	288,237	0	0	0	288,237
Total	\$2,712,967	\$0	\$308,000	\$0	\$3,020,967
Toll Credits/Not a revenue	0	0	35,328	0	35,328

PREVIOUS ACCOMPLISHMENTS

Completed Southern California Economic Summit promotional video, Year in Review video, Sustainability Awards videos, and alternative fuel facility virtual tours videos; Recorded, streamed and provided archive videos of its monthly Regional Council meetings on website; Produced and distributed the monthly Spotlight and SCAG Update electronic newsletters; Assisted with communications for Go Human advertising campaign and demonstration events; Completed development work, migrated non-main SCAG website microsities to the new SCAG main website, and launched the new SCAG main website.

PROGRAM: 090 - PUBLIC INFORMATION & COMMUNICATIONS

OBJECTIVES

Develop and implement external communications strategies to promote partnerships, build consensus, and foster inclusiveness in the decision-making process. SCAG's communications strategies facilitates the agency's transportation planning activities by helping to inform the general public, media, agency stakeholders and partners about the existence, purpose and potential impact of these activities and to convey this information in ways that are engaging and easy to understand for general audiences. Materials developed for this purpose include website content, videos, news releases, fact sheets, signage, posters, and other publications. Related activities include developing materials for public outreach meetings and workshops and programming content for special events.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Produce videos promoting agency programs, plans, policies and services. Video record and web stream monthly regional council meetings.	Staff/Consultant	07/01/2021	06/30/2022
2	Write, edit, design and disseminate periodic newsletters.	Staff	07/01/2021	06/30/2022
3	Write, edit, design and disseminate event and other agency outreach/promotional materials.	Staff/Consultant	07/01/2021	06/30/2022
4	Enhance and maintain website content.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Videos of meetings and videos promoting agency programs, plans, policies and services.	06/30/2022
2	Website promoting SCAG programs, plans, services and initiatives, resources, interactive maps and other tools.	06/30/2022
3	Electronic newsletters.	06/30/2022
4	Factsheets, new member orientation materials, brochures, advertisements and event handouts.	06/30/2022

TASK: 22-090.0148.02

TASK BUDGET: \$593,703

TASK NAME: MEDIA SUPPORT FOR PLANNING ACTIVITIES

Carryover Ongoing **PROJECT MANAGER: MARGARET DE LARIOS**

PROGRAM: 090 - PUBLIC INFORMATION & COMMUNICATIONS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	100,453	0	0	0	100,453
Benefits	78,598	0	0	0	78,598
Indirect Cost	253,024	0	0	0	253,024
Other	5,000	0	0	0	5,000
Consultant TC	0	0	100,000	0	100,000
In-Kind Commits	56,628	0	0	0	56,628
Total	\$493,703	\$0	\$100,000	\$0	\$593,703
Toll Credits/Not an Expenditure	0	0	11,470	0	11,470

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	437,075	0	0	0	437,075
FTA 5303	0	0	100,000	0	100,000
In-Kind Commits	56,628	0	0	0	56,628
Total	\$493,703	\$0	\$100,000	\$0	\$593,703
Toll Credits/Not a revenue	0	0	11,470	0	11,470

PREVIOUS ACCOMPLISHMENTS

Developed media plans and distributed press releases for regional economic reports and Economic Summit, Connect SoCal public engagement opportunities, Regional Conference and General Assembly and Go Human events. Held media trainings for board members on Connect SoCal plan, developed talking points and responded to press inquiries on SCAG planning and data programs and services.

OBJECTIVES

Provide media support to build awareness of SCAG, its mission, planning activities and critical issues affecting the region to a broad constituency representative of the region's diversity.



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PROGRAM: 090 - PUBLIC INFORMATION & COMMUNICATIONS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Monitor news stories that mention or cite SCAG, archive news clippings and generate coverage reports.	Staff/Consultant	07/01/2021	06/30/2022
2	Develop media strategy, plans, talking points and crisis communication support for SCAG, its programs and initiatives.	Staff/Consultant	07/01/2021	06/30/2022
3	Write, edit and disseminate news releases, media advisories and op-eds, translating to different languages as needed, and responding to media requests.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Media log, op-ed pieces, news releases and media advisories intended for print and electronic media.	06/30/2022



PROGRAM: 095 - REGIONAL OUTREACH AND PUBLIC PARTICIPATION

MANAGER: JAVIERA CARTAGENA **TOTAL BUDGET:** \$4,179,335

OBJECTIVE

Provide support for federal and state mandated public outreach for SCAG’s planning activities . Engage regional stakeholders in the SCAG planning and programming process through the support, assessment and enhancement of outreach efforts to local governments, Tribal Governments, and members of the various stakeholder entities, including community, environmental, business, and academic groups, as well as other interested parties. The SCAG Regional Offices are critical components in these efforts, with SCAG staff assigned to an office in each county in the SCAG region.

PROJECT: REGIONAL TRANSPORTATION PLAN DEVELOPMENT OUTREACH

DEPARTMENT NAME: 433
MANAGER: JAVIERA CARTAGENA **TOTAL BUDGET:** \$1,288,137

PROJECT DESCRIPTION

Provide support for Federally/and State-mandated Public Outreach and media for SCAG Planning Activities. With emphasis on the implementation of the 2016 Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS), along with the Development of the 2020 RTP/SCS. The project also provides a framework for SCAG's Internship Program to improve its effectiveness.

TASK: 22-095.1533.01 **TASK BUDGET:** \$706,956
TASK NAME: REGIONAL TRANSPORTATION PLAN OUTREACH

Carryover Ongoing **PROJECT MANAGER:** JAVIERA CARTAGENA

PROGRAM: 095 - REGIONAL OUTREACH AND PUBLIC PARTICIPATION

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	68,255	0	0	0	68,255
Benefits	53,405	0	0	0	53,405
Indirect Cost	171,922	0	0	0	171,922
Travel	4,000	0	0	0	4,000
Other	4,000	0	0	0	4,000
Consultant TC	0	0	366,300	0	366,300
In-Kind Commits	39,074	0	0	0	39,074
Total	\$340,656	\$0	\$366,300	\$0	\$706,956
Toll Credits/Not an Expenditure	0	0	42,015	0	42,015

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	301,582	0	0	0	301,582
FTA 5303	0	0	366,300	0	366,300
In-Kind Commits	39,074	0	0	0	39,074
Total	\$340,656	\$0	\$366,300	\$0	\$706,956
Toll Credits/Not a revenue	0	0	42,015	0	42,015

PREVIOUS ACCOMPLISHMENTS

During the plan's review phase, SCAG and outreach team completed a robust outreach effort that included three public hearings, 23 public briefings, a telephone town hall, an Economic Summit presentation and a webinar to communicate the components of the plan. More than 1,400 participants joined the telephone townhalls and additional outreach was conducted to over 1,500 community-based organizations throughout the region. Overall, SCAG achieved 49 million impressions with advertising, intercepted 4,000 surveys and received more than 12,000 unique comments through the development of the plan due to these increased efforts.



PROGRAM: 095 - REGIONAL OUTREACH AND PUBLIC PARTICIPATION

OBJECTIVES

Develop and execute the marketing and public outreach strategy to engage regional stakeholders in a collaborative effort to continue consensus building on SCAG plans and programs and the implementation of Connect SoCal (2020 RTP/SCS).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Monitor and manage project schedule, deliverables and development of workplan in accordance with Public Participation Plan.	Staff	07/01/2021	06/30/2022
2	Assist with equity-focused public outreach and manage advertising campaigns to engage stakeholders in dialogue on SCAG's regional priorities identified in Connect SoCal to help facilitate input and implementation.	Staff/Consultant	07/01/2021	06/30/2022
3	Assist with the coordination and execution of meetings, workshops, webinars, telephone townhalls, webinars and other activities and technology intended to provide outreach support for SCAG's planning activities.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Work plan/schedule development, meeting agendas, sign-ins and supporting documentation for SCAG facilitated activities.	06/30/2022
2	Community partner toolkits, surveys, data analysis, and final reports. Collection and measurement of ad effectiveness.	06/30/2022
3	Production of media content, flyers, advertising materials (bus shelter, social media), e-newsletter, e-mails blasts, scripts, etc.	06/30/2022

TASK: 22-095.1533.02 **TASK BUDGET: \$581,181**
TASK NAME: REGIONAL PLANNING & POLICY INTERN PROGRAM

Carryover Ongoing **PROJECT MANAGER: CARMEN FUJIMORI**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Temp Staff	200,000	0	0	0	200,000
Indirect Cost	340,342	0	0	0	340,342
Other	40,839	0	0	0	40,839
Total	\$581,181	\$0	\$0	\$0	\$581,181



PROGRAM: 095 - REGIONAL OUTREACH AND PUBLIC PARTICIPATION

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	581,181	0	0	0	581,181
Total	\$581,181	\$0	\$0	\$0	\$581,181

PREVIOUS ACCOMPLISHMENTS

OBJECTIVES

To support an agency-wide Internship Program providing students in various fields of study the opportunity to gain real-world experience while providing policy research, data analyses, and other services to divisions/departments throughout the agency.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Administer an intern program that includes program goals and objectives, administrative details (e.g. hiring procedures, term and compensation, supervision responsibility, budget), work detail, evaluation procedures, etc. to support SCAG's work plan and strategic goals.	Staff	07/01/2021	06/30/2022
2	Implement year four of the intern program.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Revamped Program Framework Guidelines and Implementation	06/30/2022

PROJECT: REGIONAL OUTREACH AND PUBLIC PARTICIPATION

DEPARTMENT NAME: 433

MANAGER: JAVIERA CARTAGENA TOTAL BUDGET: \$2,891,198

PROJECT DESCRIPTION

Engage regional stakeholders in the SCAG Planning and Programming processes through the SCAG main office and regional offices. The Public Outreach efforts include: presentations, workshops, public meetings, and public hearings on major SCAG initiatives throughout the region.



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PROGRAM: 095 - REGIONAL OUTREACH AND PUBLIC PARTICIPATION

TASK: 22-095.1633.01 **TASK BUDGET:** \$2,891,198
TASK NAME: PUBLIC INVOLVEMENT

Carryover Ongoing **PROJECT MANAGER:** JAVIERA CARTAGENA

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	593,710	0	0	0	593,710
Benefits	464,538	0	0	0	464,538
Indirect Cost	1,495,460	0	0	0	1,495,460
Travel	20,000	0	0	0	20,000
Other	14,000	0	0	0	14,000
In-Kind Commits	303,490	0	0	0	303,490
Total	\$2,891,198	\$0	\$0	\$0	\$2,891,198

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
FTA 5303	672,453	0	0	0	672,453
FTA 5303 C/O	1,670,000	0	0	0	1,670,000
TDA	245,255	0	0	0	245,255
In-Kind Commits	303,490	0	0	0	303,490
Total	\$2,891,198	\$0	\$0	\$0	\$2,891,198

PREVIOUS ACCOMPLISHMENTS

During FY20-21, staff operated a Regional Office (Virtual) in every county outside Los Angeles County (Imperial, Orange, Riverside, San Bernardino, and Ventura) to complement the outreach efforts being conducted at the Main SCAG Office in Los Angeles. Through this effort, SCAG engaged an extensive group of stakeholders in its planning and programming processes by facilitating meetings, workshops, public hearings and other events at the Regional Offices and facilitating video conferencing and other virtual activities between the SCAG Main Office and the Regional Offices. The Regional Affairs Officers also represented SCAG at stakeholder meetings throughout the region, facilitating the flow of information between SCAG and its member jurisdictions and diverse stakeholders, including elected officials, community based organizations, business and community leaders, and the general public. Regional

PROGRAM: 095 - REGIONAL OUTREACH AND PUBLIC PARTICIPATION

Outreach was also conducted through more than 60 public workshops including, tele-townhalls and webinars to promote and engage the public during the development and adoption of Connect SoCal. These efforts reached an unprecedented number of participants and engagement.

OBJECTIVES

Engage and increase the number of regional stakeholders in the SCAG planning and programming process through the support and enhancement of outreach efforts to local governments, Tribal Governments, and members of various stakeholder entities, including community, environmental, business, and academic groups, as well as other interested parties. The public outreach efforts include presentations, workshops, public meetings, and public hearings on major SCAG initiatives.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage the regional Offices, including coordinating special events and public outreach throughout the year.	Staff	07/01/2021	06/30/2022
2	Conduct and assist in the outreach efforts related to major SCAG initiatives and programs, including but not limited to, the Regional Transportation Plan/Sustainable Community Strategy, Sustainability Program, Active Transportation. Conduct Regional Council District Elections as needed.	Staff	07/01/2021	06/30/2022
3	Assist with external communication, including writing speeches, creating presentations, facilitating services and convening diverse parties to increase SCAG's visibility and value to its members.	Staff	07/01/2021	06/30/2022
4	Monitor budget, prepare regular progress reports, & provide timely coordinated and accurate support to the Regional Council, Policy Committees and any other ad-hoc committee or working group.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Tracking log of meetings attended and outreach presentations by Regional Affairs Officers and at Regional Offices, including supporting documentation, such as agendas, meeting summaries, sign-in sheets, etc.	06/30/2022



PROGRAM: 100 - INTELLIGENT TRANSPORTATION SYSTEMS (ITS)

MANAGER: PHILIP LAW **TOTAL BUDGET:** \$322,832

OBJECTIVE

Continue engaging with regional stakeholders on ITS and ITS related matters, including use and maintenance of the updated Regional ITS Architecture. Maintain the web-accessible Architecture and provide documentation to maximize usability of the Architecture and ensure on-going maintenance. Seek to provide training and educational opportunities to stakeholders on ITS related topics in partnership with FHWA/Caltrans as opportunities become available.

PROJECT: INTELLIGENT TRANSPORTATION SYSTEMS PLANNING

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT
MANAGER: PHILIP LAW **TOTAL BUDGET:** \$322,832

PROJECT DESCRIPTION

The goal of this project is to continue the integration of Intelligent Transportation Systems (ITS) into common architecture via participation with Regional partners in the implementation of its integration and architecture.

TASK: 22-100.1630.02 **TASK BUDGET:** \$96,432
TASK NAME: INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PLANNING

Carryover Ongoing **PROJECT MANAGER:** THOMAS BELLINO

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	19,848	0	0	0	19,848
Benefits	15,530	0	0	0	15,530
Indirect Cost	49,993	0	0	0	49,993
In-Kind Commits	11,061	0	0	0	11,061
Total	\$96,432	\$0	\$0	\$0	\$96,432



PROGRAM: 100 - INTELLIGENT TRANSPORTATION SYSTEMS (ITS)

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	85,371	0	0	0	85,371
In-Kind Commits	11,061	0	0	0	11,061
Total	\$96,432	\$0	\$0	\$0	\$96,432

PREVIOUS ACCOMPLISHMENTS

Convened ITS stakeholders from Riverside and San Bernardino Counties to begin to update Inland Empire Regional ITS Architecture. Attended workshops and seminars and disseminated information to member agencies. Finalized update of SCAG Regional ITS Architecture and ported web-based architecture to new SCAG website.

OBJECTIVES

The objective of this task is to plan for transportation technology advancements and assess potential impacts to the transportation system, and to support the effective implementation of technology through the integration of ITS into common architecture, via participation with regional partners in the implementation and maintenance of the Regional ITS architecture.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Continue maintenance and update of the multi-county Regional ITS Architecture, incorporating revisions to existing projects and any proposed new projects as part of the RTP/SCS development.	Staff	07/01/2021	06/30/2022
2	Continue participation in statewide and county Regional ITS Architecture update efforts, including the LA Metro Regional ITS Architecture update and the OCTA Orange County Regional ITS Architecture update.	Staff	07/01/2021	06/30/2022
3	Manage consultant technical studies under the 100.1630 project, including review of deliverables, progress reports and invoices	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Technical reports, memoranda, and presentation materials documenting ITS planning activities conducted as part of the metropolitan transportation planning process.	06/30/2022

TASK: 22-100.1630.04 **TASK BUDGET: \$226,400**
TASK NAME: REGIONAL ITS ARCHITECTURE UPDATE – PH 2

Carryover Ongoing **PROJECT MANAGER: THOMAS BELLINO**

PROGRAM: 100 - INTELLIGENT TRANSPORTATION SYSTEMS (ITS)

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant TC	0	0	226,400	0	226,400
Total	\$0	\$0	\$226,400	\$0	\$226,400
Toll Credits/Not an Expenditure	0	0	25,969	0	25,969

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
FTA 5303	0	0	226,400	0	226,400
Total	\$0	\$0	\$226,400	\$0	\$226,400
Toll Credits/Not a revenue	0	0	25,969	0	25,969

PREVIOUS ACCOMPLISHMENTS

Updated the multi-county Regional ITS Architecture, held trainings to roll it out to each county, and moved the architecture website onto the new SCAG website. Began discussions with San Bernardino and Riverside Counties to update the Inland Empire Regional ITS Architecture.

OBJECTIVES

Update the Regional ITS Architecture for the Inland Empire (Riverside and San Bernardino Counties). SCAG is federally required to prepare and maintain the Regional ITS Architecture. Following SCAG's recent update of the multi-county component of the Regional ITS Architecture, this new project will assist the Riverside County Transportation Commission (RCTC) and the San Bernardino County Transportation Authority (SBCTA) with updating the county level architecture covering the two counties.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Solicit stakeholder participation and input on data and needs.	Consultant	07/01/2021	06/30/2022
2	Collect data and update architecture inventory.	Consultant	07/01/2021	06/30/2022
3	Prepare updated Regional ITS Architectures.	Consultant	01/01/2022	06/30/2022

Product No	Product Description	Completion Date
1	Updated Regional ITS Architecture for the Inland Empire covering Riverside and San Bernardino Counties.	06/30/2022



PROGRAM: 120 - OWP DEVELOPMENT AND ADMINISTRATION

MANAGER: ERIKA BUSTAMANTE **TOTAL BUDGET:** \$1,521,485

OBJECTIVE

Develop, administer, and monitor the Overall Work Program (OWP). The OWP is a required function of SCAG as the Metropolitan Planning Organization (MPO) for this region and provides a detailed description of the planning activities that will be completed by the MPO and its partners in the fiscal year.

PROJECT: OWP DEVELOPMENT & ADMINISTRATION

DEPARTMENT NAME: 216 - BUDGET & GRANTS DEPT.

MANAGER: ERIKA BUSTAMANTE **TOTAL BUDGET:** \$1,521,485

PROJECT DESCRIPTION

Development and administration of the Overall Work Program (OWP) is a required function of SCAG as the Metropolitan Planning Organization (MPO). The OWP is intended to provide a comprehensive overview of SCAG's transportation planning activities for the fiscal year.

TASK: 22-120.0175.01 **TASK BUDGET:** \$1,302,099
TASK NAME: OWP DEVELOPMENT & ADMINISTRATION

Carryover Ongoing **PROJECT MANAGER:** ERIKA BUSTAMANTE

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	268,002	0	0	0	268,002
Benefits	209,693	0	0	0	209,693
Indirect Cost	675,053	0	0	0	675,053
In-Kind Commits	149,351	0	0	0	149,351
Total	\$1,302,099	\$0	\$0	\$0	\$1,302,099

PROGRAM: 120 - OWP DEVELOPMENT AND ADMINISTRATION

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FTA 5303	502,748	0	0	0	502,748
FTA 5303 C/O	650,000	0	0	0	650,000
In-Kind Commits	149,351	0	0	0	149,351
Total	\$1,302,099	\$0	\$0	\$0	\$1,302,099

PREVIOUS ACCOMPLISHMENTS

Submitted final work products for FY 2019-20 OWP. Completed the development and administration of the FY 2020-21 OWP, including four budget amendments. Completed four quarterly progress reports for FY 2020-21. Completed the development of the FY 2021-22 OWP.

OBJECTIVES

Develop and manage the annual Overall Work Program (OWP) including monitoring project performance; reporting on progress; and preparing budget amendments as required.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop and submit OWP Amendments as needed.	Staff	07/01/2021	06/30/2022
2	Develop and submit OWP Quarterly Progress Reports to Caltrans.	Staff	07/01/2021	06/30/2022
3	Develop and submit the Draft and Final OWP to Caltrans, FHWA and FTA.	Staff	07/01/2021	06/30/2022
4	Attend Annual OWP Development and Coordination Meetings.	Staff	11/01/2021	02/01/2022
5	Collect and submit final OWP work products to Caltrans.	Staff	07/01/2021	09/30/2021

Product No	Product Description	Completion Date
1	FY 2021-22 OWP Quarterly Progress Reports.	06/30/2022
2	FY 2021-22 OWP Amendments.	06/30/2022
3	FY 2022-23 Draft OWP Budget.	03/15/2022
4	FY 2022-23 Final OWP Budget.	05/15/2022
5	FY 2020-2021 Final OWP Work Products	09/30/2021

PROGRAM: 120 - OWP DEVELOPMENT AND ADMINISTRATION

TASK: 22-120.0175.02

TASK BUDGET: \$219,386

TASK NAME: GRANT ADMINISTRATION

Carryover Ongoing **PROJECT MANAGER:** ERIKA BUSTAMANTE

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	49,337	0	0	0	49,337
Benefits	38,603	0	0	0	38,603
Indirect Cost	124,272	0	0	0	124,272
Other	7,174	0	0	0	7,174
Total	\$219,386	\$0	\$0	\$0	\$219,386

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	219,386	0	0	0	219,386
Total	\$219,386	\$0	\$0	\$0	\$219,386

PREVIOUS ACCOMPLISHMENTS

Staff prepared several grant applications and MOUs for grant funded projects and continued to provide administrative oversight and compliance monitoring on the projects funded by special grants.

OBJECTIVES

Identify grant funding opportunities and prepare grant applications. Coordinate the implementation of grant awards and ensure post-award compliance. Compile financial data for the preparation of internal reports, progress reports and grant billings.



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PROGRAM: 120 - OWP DEVELOPMENT AND ADMINISTRATION

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Apply and manage Sustainable Transportation Planning and Adaptation Planning Grants.	Staff	07/01/2021	06/30/2022
2	Prepare and submit amendments to budget and work scope as needed; and submit quarterly progress reports. Prepare and submit amendments to budget and work scope as needed; and submit quarterly progress reports.	Staff	07/01/2021	06/30/2022
3	Prepare Memorandums of Understanding (MOUs) and Agreements with sub-recipients of grant funds; and prepare MOU/Agreement amendments as needed.	Staff	07/01/2021	06/30/2022
4	Attend grant workshops, program updates, and project meetings.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Grant Applications, Agreements and MOUs.	06/30/2022



PROGRAM: 130 - GOODS MOVEMENT

MANAGER: ANNIE NAM **TOTAL BUDGET:** \$2,528,782

OBJECTIVE

This work program focuses on integrating freight related transportation initiatives into the regional transportation planning process, including efforts to refine and support the implementation of the Comprehensive Regional Goods Movement Plan and Implementation Strategy. This strategy includes proposals set forth in Connect SoCal, the 2020 RTP/SCS.

PROJECT: GOODS MOVEMENT

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.
MANAGER: ANNIE NAM **TOTAL BUDGET:** \$2,528,782

PROJECT DESCRIPTION

SCAG's Good Movement Program works to integrate the movement of freight into the regional transportation planning process. SCAG focuses on continuing efforts to refine and support the implementation of a comprehensive regional goods movement plan and strategy. This strategy intends to enhance performance of goods movement proposals set forth in the 2020 RTP through the application of new technologies, development of regional rail strategies, identification of environmental mitigation strategies, considerations between land use and freight movement, and establishment of potential mechanisms for improved regional mobility.

TASK: 22-130.0162.02 **TASK BUDGET:** \$165,373
TASK NAME: SOUTHERN CALIFORNIA NATIONAL FREIGHT GATEWAY COLLABORATION

Carryover Ongoing **PROJECT MANAGER:** ANNIE NAM

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	23,746	0	0	0	23,746
Benefits	18,580	0	0	0	18,580
Indirect Cost	59,813	0	0	0	59,813
Consultant TC	0	0	50,000	0	50,000
In-Kind Commits	13,234	0	0	0	13,234
Total	\$115,373	\$0	\$50,000	\$0	\$165,373
Toll Credits/Not an Expenditure	0	0	5,735	0	5,735

PROGRAM: 130 - GOODS MOVEMENT

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	102,139	0	0	0	102,139
FTA 5303	0	0	50,000	0	50,000
In-Kind Commits	13,234	0	0	0	13,234
Total	\$115,373	\$0	\$50,000	\$0	\$165,373
Toll Credits/Not a revenue	0	0	5,735	0	5,735

PREVIOUS ACCOMPLISHMENTS

Continued coordination with regional partner agencies and interfaced with state and federal entities for grant opportunities.

OBJECTIVES

To fulfill the obligations of MOU signed by regional, state, and federal agencies to advance Southern California's role as a national leader and support the identified regional goods movement system.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Project manage all components of work including coordination with task leads, convening meetings, reviewing task deliverables, providing general direction and oversight of work activities, etc.	Staff	07/01/2021	06/30/2022
2	Identify, support, and execute opportunities for interagency stakeholders to advance the delivery of projects identified as part of the regional goods movement system in the Southern California region.	Staff	07/01/2021	06/30/2022
3	Provide assistance in developing appropriate strategies that support the regional goods movement system with discrete near-term projects under a unified brand of FreightWorks.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Materials from meetings and initiatives developed in partnership with interagency stakeholders on strategies to advance projects identified as part of the regional goods movement system.	06/30/2022

TASK: 22-130.0162.13 **TASK BUDGET: \$158,236**

TASK NAME: SOUTHERN CALIFORNIA P3 FINANCIAL CAPACITY ANALYSIS AND BUSINESS CASE DEVELOPMENT

Carryover Ongoing **PROJECT MANAGER: ANNIE NAM**

PROGRAM: 130 - GOODS MOVEMENT

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	17,132	0	0	0	17,132
Benefits	13,405	0	0	0	13,405
Indirect Cost	43,151	0	0	0	43,151
Consultant TC	0	0	75,000	0	75,000
In-Kind Commits	9,548	0	0	0	9,548
Total	\$83,236	\$0	\$75,000	\$0	\$158,236
Toll Credits/Not an Expenditure	0	0	8,603	0	8,603

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	73,688	0	0	0	73,688
FTA 5303	0	0	75,000	0	75,000
In-Kind Commits	9,548	0	0	0	9,548
Total	\$83,236	\$0	\$75,000	\$0	\$158,236
Toll Credits/Not a revenue	0	0	8,603	0	8,603

PREVIOUS ACCOMPLISHMENTS

Completed execution of contract amendment to increase level of effort for financial feasibility analysis . Presentations provided to ETC and TC on broadband analysis .

OBJECTIVES

To assess the financial capacity for public-private partnerships, and their potential application to transportation projects, specifically those related to goods movement activities in the Southern California region, through research and the development of innovative financial instruments.

PROGRAM: 130 - GOODS MOVEMENT

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Project manage all components of work including coordination with task leads, convening meetings, reviewing task deliverables, providing general direction and oversight of work activities, etc.	Staff	07/01/2021	06/30/2022
2	Provide further research on the development of innovative financial instruments and their potential application for public-private partnerships (P3) to transportation projects.	Staff/Consultant	07/01/2021	06/30/2022
3	Further develop business case scenarios to assess the financial capacity for public-private partnerships.	Staff	07/01/2021	06/30/2022
4	Conduct analysis for input to update of comprehensive regional goods movement plan.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Updates to Final report assessing the financial capacity for public-private partnerships.	06/30/2022

TASK: 22-130.0162.18

TASK BUDGET: \$2,205,173

TASK NAME: GOODS MOVEMENT PLANNING

Carryover Ongoing **PROJECT MANAGER: ANNIE NAM**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	322,825	0	0	0	322,825
Benefits	252,589	0	0	0	252,589
Indirect Cost	813,145	0	0	0	813,145
Printing	2,500	0	0	0	2,500
Other	30,000	0	0	0	30,000
Consultant TC	0	0	600,000	0	600,000
In-Kind Commits	184,114	0	0	0	184,114
Total	\$1,605,173	\$0	\$600,000	\$0	\$2,205,173
Toll Credits/Not an Expenditure	0	0	68,820	0	68,820

PROGRAM: 130 - GOODS MOVEMENT

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	621,059	0	0	0	621,059
FTA 5303	0	0	600,000	0	600,000
FTA 5303 C/O	800,000	0	0	0	800,000
In-Kind Commits	184,114	0	0	0	184,114
Total	\$1,605,173	\$0	\$600,000	\$0	\$2,205,173
Toll Credits/Not a revenue	0	0	68,820	0	68,820

PREVIOUS ACCOMPLISHMENTS

Developed and issued RFP for Infrastructure Charging Study; Finalized Last Mile Freight Study; Engaged in the development of Last mile Freight Program.

OBJECTIVES

Facilitate implementation of goods movement recommendations in 2020 RTP. Begin development of the updated Comprehensive Regional Goods Movement Plan and Implementation Strategy. Work with stakeholders on federal surface transportation re-authorization effort related to technical input and analyses associated with goods movement.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Project management and coordination.	Staff/Consultant	07/01/2021	06/30/2022
2	Develop/produce technical work and analysis of goods movement needs and strategies.	Consultant	07/01/2021	06/30/2022
3	Develop Recommendations for Enhancing the Performance of the Regional Goods Movement System.	Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Technical issue papers, memorandums, and/or reports highlighting regional goods movement needs and strategies.	06/30/2022
2	Strategies for Electrical Vehicle Charging for Freight	06/30/2022



PROGRAM: 140 - TRANSIT AND RAIL PLANNING

MANAGER: PHILIP LAW **TOTAL BUDGET:** \$1,328,968

OBJECTIVE

Support and engage transit and rail operations in corridor and regional planning efforts and in further refining the transit and rail strategies for inclusion in future updates to Connect SoCal. Monitor FTA rulemaking and guidance related to new provisions for performance based planning and coordinate with transit operators to address specific requirements related to transit safety and transit asset management (TAM), as they relate to metropolitan transportation planning. Assess and monitor regional transit system performance. Work with transit operators through the Regional Transit Technical Advisory Committee to ensure stakeholder input and participation in the metropolitan transportation planning process, consistent with the SCAG MOUs with the transit operators.

PROJECT: TRANSIT AND RAIL PLANNING

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT

MANAGER: PHILIP LAW **TOTAL BUDGET:** \$1,328,968

PROJECT DESCRIPTION

Conduct planning to support the development of the transit and rail element of the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS).

Support regional transit operators in the planning process pursuant to the FTA's Metropolitan Transportation Planning Requirements and the SCAG MOU with transit operators. Address new Map-21 requirements as they relate to transit safety and asset management/state of good repair.

Provide support and analysis for the region's passenger rail planning efforts, including participation in the LOSSAN Board and TAC, the Metrolink Board and TAC, CA High Speed Rail and other related planning activities.

TASK: 22-140.0121.01 **TASK BUDGET:** \$396,211

TASK NAME: TRANSIT PLANNING

Carryover Ongoing **PROJECT MANAGER:** PRISCILLA FREDUAH-AGYEMANG

PROGRAM: 140 - TRANSIT AND RAIL PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	81,084	0	0	0	81,084
Benefits	63,443	0	0	0	63,443
Indirect Cost	204,238	0	0	0	204,238
Travel	2,000	0	0	0	2,000
In-Kind Commits	45,446	0	0	0	45,446
Total	\$396,211	\$0	\$0	\$0	\$396,211

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	350,765	0	0	0	350,765
In-Kind Commits	45,446	0	0	0	45,446
Total	\$396,211	\$0	\$0	\$0	\$396,211

PREVIOUS ACCOMPLISHMENTS

In FY21, staff continued to support and integrate regional transit operators in the metropolitan transportation planning process, primarily through the Regional Transit Technical Advisory Committee. Activities included monitoring and implementing FTA rule-making regarding performance-based planning and particularly state of good repair/transit asset management; transit safety; assessing causes of transit ridership decline in the region; participating in regional, state, and federal transit studies and forums; researching pilot programs to incorporate new technology and mobility innovations into the delivery of transit services; and monitoring and reporting on regional transit system performance.

OBJECTIVES

Support regional transit operators in the planning process pursuant to the FTA's Metropolitan Transportation Planning requirements and the SCAG MOU with transit operators. Monitor FTA guidance and rule-making, and coordinate with transit operators to address performance management requirements for transit asset management and safety, as they relate to metropolitan transportation planning. Provide technical memoranda and support to the Regional Transit Technical Advisory Committee. Assess and evaluate transit service to promote cost effectiveness. Provide support and analysis for regional High-Speed Rail (HSR) planning efforts and for the LOSSAN corridor planning efforts. Provide environmental document review and analysis. Participate in regional, state and federal transit studies and forums. Incorporate new performance measures into existing conditions analyses as mandated in MAP-21.



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PROGRAM: 140 - TRANSIT AND RAIL PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Convene Regional Transit Technical Advisory Committee (RTTAC) meetings.	Staff	07/01/2021	06/30/2022
2	Develop technical reports, memoranda, and presentation materials documenting transit planning activities conducted as part of the metropolitan transportation planning process, including portions of the RTP/SCS.	Staff	07/01/2021	06/30/2022
3	Establish, update, and report on progress in meeting required performance targets for transit asset management and transit safety, in accordance with federal rulemaking	Staff	07/01/2021	06/30/2022
4	Manage consultant technical studies under the 140 Transit Planning work element, including review of deliverables, progress reports and invoices	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	RTTAC meetings, with agendas, minutes, technical reports and memoranda	06/30/2022
2	Technical reports, memoranda, and presentation materials documenting transit planning activities conducted as part of the metropolitan transportation planning process, including portions of the RTP/SCS.	06/30/2022

TASK: 22-140.0121.02 **TASK BUDGET: \$284,094**
TASK NAME: REGIONAL HIGH SPEED TRANSPORT PROGRAM

Carryover Ongoing **PROJECT MANAGER: STEPHEN FOX**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	58,473	0	0	0	58,473
Benefits	45,751	0	0	0	45,751
Indirect Cost	147,284	0	0	0	147,284
In-Kind Commits	32,586	0	0	0	32,586
Total	\$284,094	\$0	\$0	\$0	\$284,094



PROGRAM: 140 - TRANSIT AND RAIL PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	251,508	0	0	0	251,508
In-Kind Commits	32,586	0	0	0	32,586
Total	\$284,094	\$0	\$0	\$0	\$284,094

PREVIOUS ACCOMPLISHMENTS

Staff provided support and analysis for the region's passenger rail planning efforts, including the Metrolink Southern California Optimized Rail Expansion (SCORE) program, the Los Angeles-San Diego-San Luis Obispo (LOSSAN) rail corridor, and Southern California sections of High Speed Rail. Staff also promoted integration of passenger rail, transit oriented development, and economic development strategies to support implementation of Connect SoCal and regional goals for mobility, sustainability, and economic growth. Further, staff helped guide implementation of the Southern California High-Speed Rail MOU between the California High-Speed Rail Authority and SCAG, CTCs, and Metrolink for the programming of \$1 billion in High-Speed Rail (HSR) funds to the region's existing passenger rail services. Step 1 completed in FY21.

OBJECTIVES

Provide support and analysis for the region's passenger rail planning efforts, including the Metrolink Southern California Optimized Rail Expansion (SCORE) program, the Los Angeles-San Diego-San Luis Obispo (LOSSAN) rail corridor, and Southern California sections of High Speed Rail. Promote integration of passenger rail, transit oriented development, and economic development strategies to support implementation of Connect SoCal and regional goals for mobility, sustainability, and economic growth.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Participate in and support regional and statewide passenger rail planning efforts, including participation in the LOSSAN JPA, Metrolink Board and TAC, CA High Speed Rail and other related passenger rail planning activities.	Staff	07/01/2021	06/30/2022
2	Provide technical analysis and support for regional passenger rail planning studies and to support implementation of Connect SoCal, the 2020 RTP/SCS.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Technical reports, memoranda, and presentation materials documenting passenger rail planning activities conducted as part of the metropolitan transportation planning process.	06/30/2022

TASK: 22-140.0121.08 **TASK BUDGET: \$136,866**
TASK NAME: TRANSIT ASSET MANAGEMENT (TAM) PLANNING

Carryover Ongoing **PROJECT MANAGER: PRISCILLA FREDUAH-AGYEMANG**

PROGRAM: 140 - TRANSIT AND RAIL PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	7,588	0	0	0	7,588
Benefits	5,937	0	0	0	5,937
Indirect Cost	19,112	0	0	0	19,112
Consultant TC	0	0	100,000	0	100,000
In-Kind Commits	4,229	0	0	0	4,229
Total	\$36,866	\$0	\$100,000	\$0	\$136,866
Toll Credits/Not an Expenditure	0	0	11,470	0	11,470

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	32,637	0	0	0	32,637
FTA 5303	0	0	100,000	0	100,000
In-Kind Commits	4,229	0	0	0	4,229
Total	\$36,866	\$0	\$100,000	\$0	\$136,866
Toll Credits/Not a revenue	0	0	11,470	0	11,470

PREVIOUS ACCOMPLISHMENTS

In FY 21, continued hosting and maintenance of the TAM web application for regional transit operators and to support reporting on TAM performance targets in the 2021 Federal Transportation Improvement Program (FTIP). As part of efforts to track progress towards meeting the TAM targets included in the 2020 RTP/SCS, projects submitted by the transit providers during the 2021 FTIP process included TAM related investments, needed to maintain and improve transit assets in State of Good Repair (SGR). Staff assessed the FTIP investments in terms of their impact on progress towards meeting the regional TAM targets that were identified in the 2020 RTP/SCS through work performed in FY20, and described this progress in the 2021 FTIP document.

OBJECTIVES

In coordination with transit operators and county transportation commissions, develop regional transit asset management inventory, performance measures and targets in support of the RTP/SCS update, and to fulfill federal mandates for state of good repair/transit asset management. Task is ongoing.



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PROGRAM: 140 - TRANSIT AND RAIL PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Provide technical assistance and support for SCAG TAM database and web application.	Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Updated TAM database and component files	06/30/2022

TASK: 22-140.0121.09 **TASK BUDGET: \$314,721**
TASK NAME: REGIONAL DEDICATED TRANSIT LANES STUDY

Carryover Ongoing **PROJECT MANAGER: PRISCILLA FREDUAH-AGYEMANG**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	7,588	0	0	0	7,588
Benefits	5,937	0	0	0	5,937
Indirect Cost	19,112	0	0	0	19,112
Consultant TC	0	0	277,855	0	277,855
In-Kind Commits	4,229	0	0	0	4,229
Total	\$36,866	\$0	\$277,855	\$0	\$314,721
Toll Credits/Not an Expenditure	0	0	31,870	0	31,870

PROGRAM: 140 - TRANSIT AND RAIL PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	32,637	0	0	0	32,637
FTA 5303	0	0	277,855	0	277,855
In-Kind Commits	4,229	0	0	0	4,229
Total	\$36,866	\$0	\$277,855	\$0	\$314,721
Toll Credits/Not a revenue	0	0	28,675	0	28,675

PREVIOUS ACCOMPLISHMENTS

In FY21, staff developed the study Scope of Work (SOW), worked on consultant procurement, and conducted study briefings with the county transportation commissions

OBJECTIVES

Develop a plan for a regional network of dedicated bus lanes to support enhanced transit services, improve mobility, accessibility and sustainability, and support implementation of Connect SoCal. Multi-year study is expected to begin in FY2020-21 and conclude in FY2021-22.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop and implement stakeholder engagement plan	Consultant	07/01/2021	06/30/2022
2	Conduct literature review, identify best practices, collect data on existing conditions	Consultant	10/01/2021	12/31/2021
3	Identify and evaluate potential corridors for dedicated bus lanes	Consultant	01/01/2022	06/30/2022

Product No	Product Description	Completion Date
1	Stakeholder engagement plan	10/01/2021
2	Best practices and existing conditions report	01/01/2022
3	Corridor identification report	06/30/2022

TASK: 22-140.0121.10 **TASK BUDGET: \$197,076**

TASK NAME: MOBILITY AS A SERVICE (MAAS) FEASIBILITY WHITE PAPER

Carryover Ongoing **PROJECT MANAGER: PRISCILLA FREDUAH-AGYEMANG**

PROGRAM: 140 - TRANSIT AND RAIL PLANNING

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	7,588	0	0	0	7,588
Benefits	5,937	0	0	0	5,937
Indirect Cost	19,112	0	0	0	19,112
Consultant TC	0	0	160,210	0	160,210
In-Kind Commits	4,229	0	0	0	4,229
Total	\$36,866	\$0	\$160,210	\$0	\$197,076
Toll Credits/Not an Expenditure	0	0	18,377	0	18,377

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	32,637	0	0	0	32,637
FTA 5303	0	0	160,210	0	160,210
In-Kind Commits	4,229	0	0	0	4,229
Total	\$36,866	\$0	\$160,210	\$0	\$197,076
Toll Credits/Not a revenue	0	0	8,603	0	8,603

PREVIOUS ACCOMPLISHMENTS

In FY21, staff developed the study Scope of Work (SOW), worked on consultant procurement, and conducted study briefings with the county transportation commissions

OBJECTIVES

Assess the feasibility of implementing Mobility as a Service within the SCAG region, including identification of challenges and opportunities, key institutional and infrastructure needs, and an action plan.



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PROGRAM: 140 - TRANSIT AND RAIL PLANNING

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research best practices including review of literature and case studies	Consultant	09/01/2021	12/31/2021
2	Identify key challenges and opportunities for implementing MaaS	Consultant	12/01/2021	04/01/2022
3	Develop a strategic action plan for facilitating MaaS within the SCAG region	Consultant	04/01/2022	06/30/2022

Product No	Product Description	Completion Date
1	Draft and Final MaaS Feasibility White Paper	06/30/2022



PROGRAM: 230 - REGIONAL AVIATION AND AIRPORT GROUND ACCESS PLANNING

MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$423,260

OBJECTIVE

Monitor progress of the 2020 RTP/SCS Aviation Program. Continue ongoing work on regional airport and airport ground access planning. Explore new areas of research on aviation systems planning. Gather and analyze aviation and transportation data. Share data and information with stakeholders. Collaborate with partners through ongoing communication and participation on working groups and committees, Manage and convene the Aviation Technical Advisory Committee. Begin long-term planning and data collection for updating the Aviation Element in the 2024 RTP/SCS.

PROJECT: AVIATION SYSTEM PLANNING

DEPARTMENT NAME: 412 - TRANSPORTATION PLANNING & PROGRAMMING DEPT

MANAGER: NARESH AMATYA **TOTAL BUDGET:** \$423,260

PROJECT DESCRIPTION

Support the completion and implementation of the 2020 RTP/SCS, collaborate with aviation and transportation stakeholders, and conduct aviation and transportation research and analyses.

TASK: 22-230.0174.05 **TASK BUDGET:** \$423,260

TASK NAME: REGIONAL AVIATION PROGRAM DEVELOPMENT AND IMPLEMENTATION IN SUPPORT OF RTP/SCS

Carryover Ongoing **PROJECT MANAGER:** HIROSHI ISHIKAWA

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	87,117	0	0	0	87,117
Benefits	68,163	0	0	0	68,163
Indirect Cost	219,432	0	0	0	219,432
In-Kind Commits	48,548	0	0	0	48,548
Total	\$423,260	\$0	\$0	\$0	\$423,260

PROGRAM: 230 - REGIONAL AVIATION AND AIRPORT GROUND ACCESS PLANNING

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	374,712	0	0	0	374,712
In-Kind Commits	48,548	0	0	0	48,548
Total	\$423,260	\$0	\$0	\$0	\$423,260

PREVIOUS ACCOMPLISHMENTS

Monitored the ongoing implementation of the 2020 RTP/SCS, met with airport and transportation stakeholders regarding in progress and developing airport ground access projects, convened virtual Aviation Technical Advisory Committee meetings with over 50 attendees at each meeting, conducted research and data collection on historical and emerging trends in aviation systems planning and airport ground transportation, worked with the SCAG goods movement and passenger rail teams to produce a report/snapshot on the impacts of COVID-19 on transportation in the region, collaborated with and shared data/information with other transportation stakeholders, and engaged in long-term planning and data collection for updating the Aviation Element of the 2024 RTP/SCS.

OBJECTIVES

Monitor progress of the 2020 RTP/SCS Aviation Program, continue ongoing and explore new areas of research in aviation systems planning, engage and collaborate with aviation and transportation stakeholders, manage and convene the SCAG Aviation Technical Advisory Committee, gather and maintain aviation and transportation data and information, communicate and share data and research with stakeholders and partners, and continue long-term planning and data collection for updating the Aviation Element of the 2024 RTP/SCS.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Support implementation of the aviation element of the 2020 RTP/SCS.	Staff	07/01/2021	06/30/2022
2	Provide staff support for the Aviation Technical Advisory Committee.	Staff	07/01/2021	06/30/2022
3	Continue gathering and analyzing data for aviation related research projects and the 2024 RTP/SCS.	Staff	07/01/2021	06/30/2022
4	Support/monitor the progress of airport ground access improvements from the 2020 RTP/SCS.	Staff	07/01/2021	06/30/2022
5	Research and apply to aviation planning and research related grants and funding opportunities.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Agendas, memos, meeting notes, technical papers, reports, presentations, and write-ups.	06/30/2022
2	Updated aviation data and statistics	06/30/2022



PROGRAM: 265 - EXPRESS TRAVEL CHOICES PHASE III

MANAGER: ANNIE NAM

TOTAL BUDGET: \$108,574

OBJECTIVE

Update the Regional Express Lanes Concept of Operations and associated research to facilitate the buildout of the planned express lane system. Conduct related managed lanes and value pricing research.

PROJECT: EXPRESS TRAVEL CHOICES

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.

MANAGER: ANNIE NAM

TOTAL BUDGET: \$108,574

PROJECT DESCRIPTION

Transportation Pricing Mechanisms. This study entails development of an implementation plan for value pricing. Including: a build-out of the existing and planned managed network of express lanes across Southern California, and integration with one or more pilot projects for Cordon/area pricing within specific major activity centers. Project is a multi-year study.

TASK: 22-265.2125.02

TASK BUDGET: \$108,574

TASK NAME: EXPRESS TRAVEL CHOICES PHASE III

Carryover Ongoing **PROJECT MANAGER:** ANNIE NAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	12,056	0	0	0	12,056
Benefits	9,433	0	0	0	9,433
Indirect Cost	30,366	0	0	0	30,366
Consultant TC	0	0	50,000	0	50,000
In-Kind Commits	6,719	0	0	0	6,719
Total	\$58,574	\$0	\$50,000	\$0	\$108,574
Toll Credits/Not an Expenditure	0	0	5,735	0	5,735

PROGRAM: 265 - EXPRESS TRAVEL CHOICES PHASE III

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	51,855	0	0	0	51,855
FTA 5303	0	0	50,000	0	50,000
In-Kind Commits	6,719	0	0	0	6,719
Total	\$58,574	\$0	\$50,000	\$0	\$108,574
Toll Credits/Not a revenue	0	0	5,735	0	5,735

PREVIOUS ACCOMPLISHMENTS

Conducted interviews with County Transportation Commissions, Caltrans District HQ to develop an issue paper.

OBJECTIVES

Express Travel Choices Phase III will continue value pricing feasibility analysis and outreach efforts.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Project manage all components of work including coordination with task leads, convening meetings, reviewing task deliverables, providing general direction and oversight of work activities, etc.	Staff	07/01/2021	06/30/2022
2	Conduct feasibility analysis and outreach.	Staff/Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Technical issue papers, memorandums and/or reports on value pricing strategies focusing on stakeholder engagement and feasibility analysis.	06/30/2022



PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

MANAGER: FRANK WEN **TOTAL BUDGET: \$4,149,971**

OBJECTIVE

This project will develop a strategic framework for implementing, monitoring, and conducting performance assessment of the current Connect SoCal (2020 Regional Transportation Plan/Sustainable Communities Strategy) and integrating existing strategies with emerging trends and technologies and coordinating across all SCAG departments to develop of the next Connect SoCal (2024 RTP/SCS). This project will coordinate and advance planning division priorities and major work programs, and coordinate projects that fall in different departments. Additionally, this program will foster partnerships with federal, state, regional, and local agencies, and identify, seek, and manage resources to advance portfolio projects. To accomplish above objectives, Planning Strategy Department will coordinate planning teams in following program areas: Connect SoCal Strategy Teams, Planning Studios—Equity, Education & Engagement, Resilience, Connect SoCal Monitoring and Performance Measurement/Assessment, Local Planning and Program Assistance, and Local Jurisdiction Technical and Information Assistance.

PROJECT: PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

DEPARTMENT NAME: 416 - PLANNING STRATEGY
MANAGER: FRANK WEN **TOTAL BUDGET: \$3,803,521**

PROJECT DESCRIPTION

This project will support a strategic framework for implementing the current Connect SoCal (2020 Regional Transportation Plan/Sustainable Communities Strategy) and for integrating existing strategies with development of the next Connect SoCal (2024 RTP/SCS). This project will coordinate and advance planning division priorities and major work programs, and coordinate projects that fall in different departments. Additionally, this project will foster partnerships with federal, state, regional, and local agencies, and identify, seek, and manage resources to advance portfolio projects.

TASK: 22-310.4874.01 **TASK BUDGET: \$1,110,466**
TASK NAME: CONNECT SOCIAL DEVELOPMENT

Carryover Ongoing PROJECT MANAGER: SARAH DOMINGUEZ

PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	241,892	0	0	0	241,892
Benefits	189,265	0	0	0	189,265
Indirect Cost	609,288	0	0	0	609,288
In-Kind Commits	70,021	0	0	0	70,021
Total	\$1,110,466	\$0	\$0	\$0	\$1,110,466

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	540,445	0	0	0	540,445
TDA	500,000	0	0	0	500,000
In-Kind Commits	70,021	0	0	0	70,021
Total	\$1,110,466	\$0	\$0	\$0	\$1,110,466

PREVIOUS ACCOMPLISHMENTS

Staff developed a high level framework and work plans to advance the overall plan as well as to identify process improvements based on extensive internal and external debriefing of the 2020 Connect SoCal. Staff coordinated to identify ways to improve upon existing strategies for the next plan development. Staff began to coordinate with other MPOs and state agencies on potential process improvements.

OBJECTIVES

This task will include developing a strategic framework for advancing division-wide priorities and major work programs, and formulating and implementing a strategic approach to development of the next Connect SoCal. This task will ensure that the next plan meets state and federal requirements, while also expanding the scope of strategy development to include extensive and responsive regional stakeholder and community engagement. This task will promote alignment between projects that fall in different departments, and across SCAG's partnerships with federal, state, regional, and local agencies.



Caltrans Report

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PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop strategic framework for assessing and coordinating multiple transportation, land-use, housing, and sustainability strategies.	Staff	07/01/2021	06/30/2022
2	Coordinate collaboration between subject matter experts across multiple departments.	Staff	07/01/2021	06/30/2022
3	Research, analyze, and evaluate Connect SoCal strategies	Staff	07/01/2021	06/30/2022
4	Coordinate with State partners and other California MPOs (MTC, SACOG, and SANDAG) about process improvements	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Documents and resources to support staff production of Connect SoCal	06/30/2022

TASK: 22-310.4874.02 **TASK BUDGET: \$745,269**
TASK NAME: KEY CONNECTIONS STRATEGY TEAM

Carryover Ongoing **PROJECT MANAGER: MARCO ANDERSON**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	147,478	0	0	0	147,478
Benefits	115,392	0	0	0	115,392
Indirect Cost	371,474	0	0	0	371,474
Other	25,442	0	0	0	25,442
In-Kind Commits	85,483	0	0	0	85,483
Total	\$745,269	\$0	\$0	\$0	\$745,269



PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	659,786	0	0	0	659,786
In-Kind Commits	85,483	0	0	0	85,483
Total	\$745,269	\$0	\$0	\$0	\$745,269

PREVIOUS ACCOMPLISHMENTS

Department managers, key connections team leads, and subject matter staff held kick off meetings, and began developing workplans, and schedules

OBJECTIVES

This task will coordinate the Key Connections strategies from the current Connect SoCal. Key Connections address trends and emerging challenges while closing the gap between what can be accomplished through the intensification of core planning strategies alone and what must be done to meet increasingly aggressive greenhouse gas reduction goals. Key Connections lie at the intersection of land-use, transportation and innovation. They aim to coalesce policy discussions and advance promising strategies for leveraging new technologies and partnerships, all in order to accelerate progress on regional planning goals.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop and execute work plans for Key Connections strategies that align efforts between departments and partner agencies.	Staff	07/01/2021	06/30/2022
2	Identify, seek, and manage resources to advance portfolio of projects.	Staff	07/01/2021	06/30/2022
3	Research, analyze, and evaluate Connect SoCal Key Connections strategies performance.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Key Connections Implementation work plans	06/30/2022
2	Documentation of engagement with partner agencies and stakeholders on strategy implementation.	06/30/2022

TASK: 22-310.4874.03 **TASK BUDGET: \$1,020,849**
TASK NAME: PLANNING STUDIOS

Carryover Ongoing **PROJECT MANAGER: FRANK WEN**

PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	210,114	0	0	0	210,114
Benefits	164,400	0	0	0	164,400
Indirect Cost	529,243	0	0	0	529,243
In-Kind Commits	117,092	0	0	0	117,092
Total	\$1,020,849	\$0	\$0	\$0	\$1,020,849

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	503,757	0	0	0	503,757
FHWA PL C/O	400,000	0	0	0	400,000
In-Kind Commits	117,092	0	0	0	117,092
Total	\$1,020,849	\$0	\$0	\$0	\$1,020,849

PREVIOUS ACCOMPLISHMENTS

Convened Policy Labs on Equity, Resilience, and Engagement. Equity Policy Lab generated a multi-year work plan, an agency-wide definition on equity, an equity inventory assessment, and an equity framework. Resilience Policy Lab completed the agency-wide definition and developed a SOW for a regional resilience project.

OBJECTIVES

The objectives of this task are to establish a “Standard of Excellence” in key planning disciplines, and build internal staff capacity (technical skills and/or subject matter expertise), and foster professional development across a broad range of policy and technical subjects. Subject matter expertise in areas such as GIS, equity analysis/outreach, population aging, economy and infrastructure resilience, etc., shall contribute to Connect SoCal development and strategy implementation. In addition to technical skills, topics will address the needs of disadvantaged and under-invested communities. This task will expand staff’s policy development and technical skills, and facilitate the coordination of in-house research, the development of state-of-the art regional planning studies. In addition, the task will promote internal innovation and engagement with stakeholder and research communities to enhance SCAG’s practices.



Caltrans Report

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PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Continue to host and develop internal working groups to develop technical research and analysis skills.	Staff	07/01/2021	06/30/2022
2	Develop and execute work plans for policy development labs to coordinate staff capacity for cross cutting policy topics.	Staff	07/01/2021	06/30/2022
3	Present and exchange findings (a) with stakeholder groups and (b) at research-oriented meetings and conferences.	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Work plans for each planning studio.	06/30/2022
2	Documentation of findings for policy development labs, and agendas for stakeholder and research oriented exchanges.	06/30/2022
3	White papers and other research products.	06/30/2022

TASK: 22-310.4874.04 **TASK BUDGET: \$726,937**
TASK NAME: CONNECT SOCIAL PERFORMANCE MEASUREMENT & MONITORING

Carryover Ongoing **PROJECT MANAGER: COURTNEY AGUIRRE**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	149,620	0	0	0	149,620
Benefits	117,068	0	0	0	117,068
Indirect Cost	376,869	0	0	0	376,869
In-Kind Commits	83,380	0	0	0	83,380
Total	\$726,937	\$0	\$0	\$0	\$726,937

PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	643,557	0	0	0	643,557
In-Kind Commits	83,380	0	0	0	83,380
Total	\$726,937	\$0	\$0	\$0	\$726,937

PREVIOUS ACCOMPLISHMENTS

Drafted updates to the Connect SoCal performance measures framework, incorporating equity indicators. Developed SB 150 monitoring implementation approach. Updated federal performance measures as required (e.g., safety targets). Developed an approach for monitoring existing programs (e.g., SCP, ATP, etc.) that help implement Connect SoCal.

OBJECTIVES

This task will support the strategic framework under Planning Strategy Development and Implementation by identifying and advancing key metrics related to Connect SoCal and SCAG's long-range planning efforts. This work also involves engaging with federal, state, and local stakeholders to monitor progress, including SB 150 reporting and MAP-21 performance measure coordination, among others. Further, this task will support the strategic framework under Connect SoCal Development for the next Connect SoCal by identifying new metrics to be established and new tools that can be utilized to achieve the goals and objectives of the forthcoming plan (and subsequently monitor progress after plan adoption).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop division-wide Performance Measuring and Monitoring strategy and support development of strategic framework for Planning Strategy Development and Implementation, as well as Connect SoCal Development.	Staff	07/01/2021	06/30/2022
2	Research, analyze, and evaluate Connect SoCal performance metrics, including identifying which tools are currently used for evaluation and monitoring of metrics, and all existing reports and recurring reporting deadlines.	Staff	07/01/2021	06/30/2022
3	Solicit feedback from subject matter experts internally and externally, including stakeholders from underserved communities	Staff	07/01/2021	06/30/2022
4	Develop visualization tools that can illustrate performance metrics and monitoring, in anticipation of Connect SoCal (2024) development.	Staff	07/01/2021	06/30/2022



PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

Product No	Product Description	Completion Date
1	Performance Measuring and Monitoring Strategy--Identify data sources, develop an assessment system to promote, implement and monitor Connect SoCal strategies' progress and effectiveness. Assess how these strategies' implementation, progress, and effectiveness can be used to guide the strategy development for 2024 RTP/SCS.	06/30/2022
2	Listing of Connect SoCal Performance Metrics with technical methods and community impact described for each measure.	06/30/2022
3	Summary of feedback from experts and stakeholders from underserved communities.	06/30/2022
4	Project charter and descriptions of performance metrics and monitoring visualization tools.	06/30/2022
5	Connect SoCal strategies data and analysis (work motivated by CARB recommendations)	06/30/2022

TASK: 22-310.4874.06 **TASK BUDGET: \$200,000**
TASK NAME: CONNECT SOCIAL PERFORMANCE MEASURES & MONITORING (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: COURTNEY AGUIRRE**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	200,000	0	0	200,000
Total	\$0	\$200,000	\$0	\$0	\$200,000

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	0	22,940	0	0	22,940
SB1 Formula	0	177,060	0	0	177,060
Total	\$0	\$200,000	\$0	\$0	\$200,000

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

This task will support the strategic framework under Planning Strategy Development and Implementation by identifying and advancing key metrics related to Connect SoCal and SCAG's long-range planning efforts. This work also involves engaging with federal, state, and local stakeholders to monitor progress, including SB 150 reporting and MAP-21 performance measure coordination, among others. Further, this task will support the strategic framework under



PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

Connect SoCal Development for the next Connect SoCal by identifying new metrics to be established and new tools that can be utilized to achieve the goals and objectives of the forthcoming plan (and subsequently monitor progress after plan adoption).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research, analyze, and evaluate Connect SoCal performance metrics, including identifying which tools are currently used for evaluation and monitoring of metrics, and all existing reports and recurring reporting deadlines.	Consultant	07/01/2021	06/30/2022
2	Develop visualization tools that can illustrate performance metrics and monitoring, in anticipation of Connect SoCal (2024) development.	Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Connect SoCal strategies data and analysis (work motivated by CARB recommendations)	06/30/2022

PROJECT: TRANSPORTATION SAFETY

DEPARTMENT NAME: 416 - PLANNING STRATEGY
 MANAGER: FRANK WEN TOTAL BUDGET: \$346,450

PROJECT DESCRIPTION

Provide leadership and strategic policy formulation for transportation safety in the SCAG region. Develop appropriate transportation safety targets. Provide a forum for information sharing and identify best practices employed at the local level. Support adoption of local practices that implement the RTP/SCS and SHSP safety strategies via SCAG's Sustainable Communities Program. Promote active transportation safety and encouragement among the general population via Go Human.

TASK: **22-310.4883.01** TASK BUDGET: \$346,450
 TASK NAME: **TRANSPORTATION SAFETY**

Carryover Ongoing PROJECT MANAGER: COURTNEY AGUIRRE

PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	30,143	0	0	0	30,143
Benefits	23,585	0	0	0	23,585
Indirect Cost	75,924	0	0	0	75,924
Consultant TC	0	0	200,000	0	200,000
In-Kind Commits	16,798	0	0	0	16,798
Total	\$146,450	\$0	\$200,000	\$0	\$346,450
Toll Credits/Not an Expenditure	0	0	22,940	0	22,940

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA PL	129,652	0	0	0	129,652
FTA 5303	0	0	200,000	0	200,000
In-Kind Commits	16,798	0	0	0	16,798
Total	\$146,450	\$0	\$200,000	\$0	\$346,450
Toll Credits/Not a revenue	0	0	22,940	0	22,940

PREVIOUS ACCOMPLISHMENTS

Adopted Connect SoCal including Transportation Safety & Security Technical Report (final adoption in September 2020). Adopted calendar year 2021 safety targets in February 2021, including a Regional Safety Policy resolution. Received technical support from FHWA on safety target setting methodology and safety models. Kicked off safety planning projects with local agencies (El Monte, Omnitrans) and solicited safety planning projects via the Sustainable Communities Program call for projects. Held 12 subregional peer exchange workshops in spring/summer. Led the SHSP Bike Challenge Area Team and the HIN statewide guidance action item. Convened stakeholders on a quarterly basis via the Transportation Safety Working Group (including a NACTO workshop and a panel discussing the role of enforcement). Worked with Assemblymember Friedman's office on Toward Zero Deaths-supportive legislation

OBJECTIVES

Provide leadership and strategic policy formulation for transportation safety in the SCAG region. Develop appropriate transportation safety targets. Provide a forum for information sharing and identify best practices employed at the local level. Support adoption of local practices that implement the RTP/SCS and SHSP safety strategies via SCAG's

PROGRAM: 310 - PLANNING STRATEGY DEVELOPMENT AND IMPLEMENTATION

Sustainable Communities Program. Promote active transportation safety and encouragement among the general population via Go Human.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Establish CY 2022 safety targets and utilize updated safety models/visualization tools	Staff/Consultant	08/01/2021	02/28/2022
2	Conduct analysis of regional existing conditions and motivate implementation of current RTP/SCS	Staff	07/01/2021	06/30/2022
3	Convene quarterly Transportation Safety Working Group meetings to share best practices and support local agencies in implementing RTP/SCS.	Staff	07/01/2021	06/30/2022
4	Serve on SHSP Steering Committee and function as Co-lead for Bike Challenge Area Team	Staff	07/01/2021	06/30/2022
5	Develop and maintain regional high injury network	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	CY 2021 safety target methodology documentation and visualization tool	02/28/2022
2	Transportation Safety Working Group agendas and materials	06/30/2022
3	SHSP Steering Committee Meeting Notes and Bike Challenge Area Team Action Plan	06/30/2022



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021–2022

SECTION III

Special Grants



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

MANAGER: ERIKA BUSTAMANTE **TOTAL BUDGET:** \$2,204,454

OBJECTIVE

To encourage local and regional planning that furthers state goals ; to identify and address statewide, interregional, or regional transportation deficiencies on the State highway system; and to support planning actions at the local and regional levels that advance climate change efforts on the transportation system .

PROJECT: WESTSIDE MOBILITY STUDY UPDATE

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT

MANAGER: PHILIP LAW **TOTAL BUDGET:** \$99,282

PROJECT DESCRIPTION

Provide a brief update on all transportation modes identified in the 2003 Westside Mobility Study including current conditions, completed and future projects, and new funding opportunities. Identify potential gaps in existing planning documents and studies within the Westside subregion. Develop multimodal solutions that address various transportation issues to enhance regional mobility, accessibility, and safety for all people to improve the quality of life in the Westside subregion.

TASK: 22-145.4818.01 **TASK BUDGET:** \$99,282

TASK NAME: WESTSIDE MOBILITY STUDY UPDATE

Carryover Ongoing **PROJECT MANAGER:** CORY WILKERSON

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	998	0	0	0	998
Benefits	781	0	0	0	781
Indirect Cost	2,514	0	0	0	2,514
Consultant	0	94,989	0	0	94,989
Total	\$4,293	\$94,989	\$0	\$0	\$99,282



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	4,293	0	0	0	4,293
Cash/Local Other	0	94,989	0	0	94,989
Total	\$4,293	\$94,989	\$0	\$0	\$99,282

PREVIOUS ACCOMPLISHMENTS

Staff participated in monthly project management calls and reviewed progress reports and invoices.

OBJECTIVES

Provide a brief update on all transportation modes identified in the 2003 Westside Mobility Study including current conditions, completed and future projects, and new funding opportunities. Identify potential gaps in existing planning documents and studies within the Westside subregion. Develop multimodal solutions that address various transportation issues to enhance regional mobility, accessibility, and safety for all people to improve the quality of life in the Westside subregion.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Coordinate project Kick-off and stakeholder outreach	Staff/Consultant	07/01/2019	06/30/2023
2	Conduct research and analysis to undergird policy recommendations	Consultant	07/01/2019	06/30/2023
3	Perform project management and report progress reports	Staff	07/01/2020	06/30/2023

Product No	Product Description	Completion Date
1	Project Delivery and Funding Strategy Memo	09/30/2020
2	Westside Cities Council of Government Mobility Plan Report	11/30/2020
3	Westside Cities Council of Government Metro Subregional Project List Update	06/30/2023

PROJECT: WILMINGTON FREIGHT MITIGATION PROJECT

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.
MANAGER: ANNIE NAM **TOTAL BUDGET: \$217,619**



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

PROJECT DESCRIPTION

The project is to assess the impacts of increased truck travel in the Wilmington area and recommend traffic and general land use mitigations to improve the quality of life for the residents.

TASK: 22-145.4846.01

TASK BUDGET: \$217,619

TASK NAME: WILMINGTON FREIGHT MITIGATION PROJECT

Carryover Ongoing **PROJECT MANAGER: STEPHEN YOON**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	22,986	0	0	0	22,986
Benefits	17,985	0	0	0	17,985
Indirect Cost	57,898	0	0	0	57,898
Consultant	0	100,000	0	0	100,000
Cash/Local Other	0	18,750	0	0	18,750
Total	\$98,869	\$118,750	\$0	\$0	\$217,619

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA SP&R	0	100,000	0	0	100,000
TDA	98,869	0	0	0	98,869
Cash/Local Other	0	18,750	0	0	18,750
Total	\$98,869	\$118,750	\$0	\$0	\$217,619

PREVIOUS ACCOMPLISHMENTS

Completed most of project management related task items including, 1) Agency coordination on scope items, 2) Invoicing, schedule and scope updates, 3) subconsultant invoice review and amendment, 4) recurring monthly PDT meetings.

Developed addendum to stakeholder interviews to add CPUC meeting issues and concerns (task 3: stakeholder and public engagement); Created location map of businesses in the outreach; Reviewed additional sources of historical



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

count data in the study area and requested timing charts from LADOT And about (task 4: Existing and future conditions assessment and analysis).

OBJECTIVES

To assess the impact of increased truck travel in the Wilmington area and recommend traffic and general land use mitigations to improve the quality of life for the residents.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop project management protocols and work plan which include but not limited to: preparing the RFP, defining tasks and study objectives, preparing a work plan to manage all aspects of the project, identifying work tasks and key project milestones, and setting up a file sharing system	Staff/Consultant	04/01/2019	01/31/2020
2	Establish Technical Advisory Committee (TAC) and conduct stakeholder engagement	Consultant	04/01/2019	09/30/2021
3	Develop and execute data collection plan	Consultant	04/01/2019	03/31/2020
4	Existing and future conditions analysis	Consultant	04/01/2019	03/31/2021
5	Identification, evaluation, and cost analysis of mitigation measures	Consultant	07/01/2019	04/01/2021
6	Develop final report	Consultant	07/01/2019	12/31/2021
7	Perform project management activities	Staff/Consultant	04/01/2019	12/31/2021

Product No	Product Description	Completion Date
1	Work Plan and Quarterly Reports	11/30/2021
2	Stakeholder and public engagement plan Meeting materials	09/30/2021
3	Data Collection Plan Existing and future conditions analysis	03/31/2021
4	Project Invoices and Meeting Materials	12/31/2021
5	Mitigation measures report	05/31/2021
6	Final report	12/31/2021

PROJECT: VENTURA COUNTY FREIGHT CORRIDOR STUDY

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.

MANAGER: ANNIE NAM

TOTAL BUDGET: \$50,278



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

PROJECT DESCRIPTION

To identify and prioritize the most significant freight corridors in Ventura County to mitigate impacts associated with freight traffic.

TASK: 22-145.4847.01 **TASK BUDGET: \$50,278**
TASK NAME: VENTURA COUNTY FREIGHT CORRIDOR STUDY

Carryover Ongoing **PROJECT MANAGER: ANNIE NAM**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	6,895	0	0	0	6,895
Benefits	5,395	0	0	0	5,395
Indirect Cost	17,367	0	0	0	17,367
Other	621	0	0	0	621
Consultant	0	20,000	0	0	20,000
Total	\$30,278	\$20,000	\$0	\$0	\$50,278

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA SP&R	497	4,800	0	0	5,297
TDA	29,781	0	0	0	29,781
Cash/Local Other	0	15,200	0	0	15,200
Total	\$30,278	\$20,000	\$0	\$0	\$50,278

PREVIOUS ACCOMPLISHMENTS

Developed workplan, outreach plan, and existing conditions report. Additionally, majority of outreach elements were conducted during FY21.



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

OBJECTIVES

To identify and prioritize the most significant freight corridors in Ventura County to mitigate impacts associated with freight traffic.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop project management protocols and work plan	Staff/Consultant	04/30/2019	03/01/2020
2	Public Outreach plan development and execution	Consultant	04/30/2019	12/31/2021
3	Conduct freight corridor analysis.	Consultant	04/30/2019	12/31/2021
4	Perform project management activities	Staff/Consultant	04/30/2019	12/31/2021

Product No	Product Description	Completion Date
1	Work plan	12/31/2021
2	Outreach plan and meeting materials.	12/31/2021
3	Final report	12/31/2021
4	Project invoices and meeting materials	12/31/2021

PROJECT: SOUTHERN CALIFORNIA GOODS MOVEMENT COMMUNITIES FREIGHT IMPACT ASSESSMENT

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.

MANAGER: ANNIE NAM

TOTAL BUDGET: \$247,585

PROJECT DESCRIPTION

SCAG will conduct an outreach effort to achieve four primary objectives: 1) identify significant causes of disproportionate burdens on disadvantage communities in the region, particularly those related to air quality, resulting from localized goods movement activities, 2) engage the populations of said disadvantaged communities to collect their input and understand their awareness stemming from challenges related to environmental justice, 3) prepare a toolkit of strategies for stakeholders that can be replicated and used to promote and pursue pragmatic and effective mitigation measures, and 4) develop and execute a communications strategy to communicate findings to populations of disadvantaged communities.

TASK: 22-145.4865.01 TASK BUDGET: \$247,585

TASK NAME: SOUTHERN CALIFORNIA GOODS MOVEMENT COMMUNITIES FREIGHT IMPACT ASSESSMENT

Carryover Ongoing PROJECT MANAGER: ALISON LINDER

PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Other	8,065	0	0	0	8,065
Consultant	0	239,520	0	0	239,520
Total	\$8,065	\$239,520	\$0	\$0	\$247,585

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA SP&R	6,452	191,616	0	0	198,068
TDA	1,613	47,904	0	0	49,517
Total	\$8,065	\$239,520	\$0	\$0	\$247,585

PREVIOUS ACCOMPLISHMENTS

Scope of work is undergoing revisions to further specify needed activities for outreach, especially in light of the pandemic including economic opportunities for impacted communities.

OBJECTIVES

SCAG will conduct an outreach effort to achieve four primary objectives: 1) identify significant causes of disproportionate burdens on disadvantage communities in the region, particularly those related to air quality and economic opportunity, resulting from localized goods movement activities, 2) engage the populations of said disadvantaged communities to collect their input and understand their awareness stemming from challenges related to environmental justice, 3) prepare a toolkit of strategies for stakeholders that can be replicated and used to promote and pursue pragmatic and effective mitigation measures, and 4) develop and execute a communications strategy to communicate findings to populations of disadvantaged communities.



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PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Development of workplan and management protocols.	Consultant	03/01/2021	04/30/2021
2	Development and execution of methodology to identify focus locations.	Consultant	05/01/2021	11/01/2021
3	Development and execution of outreach process.	Consultant	08/30/2021	01/30/2022
4	Conduct Literature Review.	Consultant	09/01/2021	03/01/2022
5	Development of Environmental Justice Toolkit for Disadvantage Communities.	Consultant	09/01/2021	03/01/2022
6	Communication and Dissemination of EJ Toolkit Strategies to Disadvantage Communities.	Consultant	01/01/2022	03/30/2022
7	Perform project management activities	Staff/Consultant	03/01/2020	03/30/2022

Product No	Product Description	Completion Date
1	Project Work Plan, schedule, Meeting Notes and Summaries, and Invoices and reports.	03/20/2022
2	Memorandum of Screening Analysis and Evaluation of Disadvantaged Communities.	12/20/2021
3	Public Engagement Plan and Outreach materials and summaries.	01/30/2022
4	Literature Review which is a survey/review of scholarly sources that provides a specific focus on existing mandates, guidance, previous efforts, and other relevant previous information for the selected disadvantaged communities and those communities with similar characteristics	03/01/2022
5	Mitigation Measure Reports and Environmental Justice Toolkit.	03/01/2022

PROJECT: EAST SAN GABRIEL VALLEY MOBILITY PLAN

DEPARTMENT NAME: 412 - TRANSPORTATION PLANNING & PROGRAMMING DEPT
MANAGER: NARESH AMATYA **TOTAL BUDGET: \$419,478**

PROJECT DESCRIPTION

This project will examine current conditions in the East San Gabriel Valley Planning Area, review the projects and plans in the area, identify gaps in the transportation network by each mode of travel, and make recommendations for closing the gaps to create a regional network to supplement the State Highway System.

TASK: 22-145.4866.01 **TASK BUDGET: \$419,478**
TASK NAME: EAST SAN GABRIEL VALLEY MOBILITY PLAN



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

Carryover Ongoing PROJECT MANAGER: NANCY LO

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	5,110	0	0	0	5,110
Benefits	3,998	0	0	0	3,998
Indirect Cost	12,870	0	0	0	12,870
Consultant	0	397,500	0	0	397,500
Total	\$21,978	\$397,500	\$0	\$0	\$419,478

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA SP&R	0	318,000	0	0	318,000
TDA	21,978	0	0	0	21,978
Cash/Local Other	0	79,500	0	0	79,500
Total	\$21,978	\$397,500	\$0	\$0	\$419,478

PREVIOUS ACCOMPLISHMENTS

The RFP was released and consultant was selected, and contract was executed.

OBJECTIVES

This project examines current conditions in the East San Gabriel Valley Planning Area , review projects and plans in the area, identify gaps in the transportation network by each mode of travel, and make recommendations (does not include identification of future funding opportunities) for closing the gaps to create a regional network to supplement the State Highway System.



PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Initiate and manage project	Staff/Consultant	01/01/2020	06/30/2022
2	Develop and execute Community Engagement Plan	Staff/Consultant	01/01/2020	06/30/2022
3	Analyze existing conditions, identify and analyze mobility gaps, and recommend actions to close mobility gaps	Consultant	01/01/2020	06/30/2022
4	Develop Mobility Plan	Staff/Consultant	01/01/2020	06/30/2022

Product No	Product Description	Completion Date
1	Meeting Notes	06/30/2022
2	Community Engagement Plan, engagement and outreach materials, and summary report of engagements.	06/30/2022
3	Existing Conditions Analysis Report	06/30/2022
4	Draft and Final Plan	06/30/2022

PROJECT: CURB SPACE MANAGEMENT STUDY

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.
MANAGER: ANNIE NAM **TOTAL BUDGET:** \$666,876

PROJECT DESCRIPTION

The primary purpose of the Curb Space Management Study (CSMS), is to take a comprehensive and multimodal review of some of the most congested and complicated curb space locations within the SCAG region. By considering multiple transportation modes which need to access curb space to operate, the CSMS will be capable of informing unique pilot project concepts tailored, not only to varying land uses and communities at locations throughout the SCAG region, but also customized depending upon the multimodal makeup.

TASK: 22-145.4867.01 **TASK BUDGET:** \$666,876
TASK NAME: CURB SPACE MANAGEMENT STUDY

Carryover Ongoing **PROJECT MANAGER:** SCOTT STRELECKI

PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	9,325	0	0	0	9,325
Benefits	7,296	0	0	0	7,296
Indirect Cost	23,487	0	0	0	23,487
Other	1,597	0	0	0	1,597
Consultant	0	625,171	0	0	625,171
Total	\$41,705	\$625,171	\$0	\$0	\$666,876

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FTA 5304	1,362	447,784	0	0	449,146
TDA	40,343	177,387	0	0	217,730
Total	\$41,705	\$625,171	\$0	\$0	\$666,876

PREVIOUS ACCOMPLISHMENTS

Procurement process initiated.

OBJECTIVES

The primary purpose of the Curb Space Management Study (CSMS), is to take a comprehensive and multimodal review of some of the most congested and complicated curb space locations within the SCAG region. By considering multiple transportation modes which need to access curb space to operate, the CSMS will be capable of informing unique pilot project concepts tailored, not only to varying land uses and communities at locations throughout the SCAG region, but also customized depending upon the multimodal makeup.



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PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Project Management & Coordination	Staff/Consultant	04/01/2021	06/30/2022
2	Agency & Stakeholder Coordination	Staff/Consultant	05/30/2021	04/30/2022
3	Existing Conditions Analysis & Site Location Recommendations	Consultant	09/30/2021	03/31/2021
4	Site Location Data Collection & Analyses	Consultant	01/31/2022	03/31/2022
5	Implementation Plan & Next Steps	Consultant	04/30/2021	03/31/2022
6	Final Report	Staff/Consultant	10/01/2021	05/31/2022

Product No	Product Description	Completion Date
1	Project work plan, schedule, agendas & minutes, invoices & progress reports	06/30/2022
2	Stakeholder coordination plan, PAC meetings, meeting materials & documentation, briefings & peer exchanges	04/30/2022
3	Existing conditions report, defined curb space report & site recommendations	09/30/2021
4	Transcribed interviews, data collection plan, data compilation report, pilot project report	03/31/2022
5	Strategies & recommendations report, pilot project work plan	03/31/2022
6	Final report, executive summary, fact sheet & presentations	05/31/2022

PROJECT: I-710 NORTH MOBILITY HUBS PLAN

DEPARTMENT NAME: 416 - PLANNING STRATEGY
MANAGER: FRANK WEN **TOTAL BUDGET:** \$503,336

PROJECT DESCRIPTION

The I-710N Mobility Hubs Plan (Plan) will evaluate existing projects and plans, availability of different modes of transportation, analyze multi-modal supportive infrastructure and place-making strategies, and consider future mobility trends to propose Mobility Hub locations and improvements that address mobility. The Plan will encourage multimodal transportation options and alleviate traffic congestion in the heavily congested region of the I-710N terminus due to the freeway terminating onto the streets of the City of Alhambra.

TASK: 22-145.4885.01 **TASK BUDGET:** \$503,336
TASK NAME: I-710 NORTH MOBILITY HUBS PLAN

Carryover Ongoing **PROJECT MANAGER:** HANNAH BRUNELLE

PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	7,750	0	0	0	7,750
Benefits	6,064	0	0	0	6,064
Indirect Cost	19,522	0	0	0	19,522
Consultant	0	470,000	0	0	470,000
Total	\$33,336	\$470,000	\$0	\$0	\$503,336

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FHWA SP&R	0	376,000	0	0	376,000
TDA	33,336	0	0	0	33,336
Cash/Local Other	0	94,000	0	0	94,000
Total	\$33,336	\$470,000	\$0	\$0	\$503,336

PREVIOUS ACCOMPLISHMENTS

Staff released RFP in February, 2021. Staff anticipates to kick off the work in June 2021.

OBJECTIVES

The I-710N Mobility Hubs Plan (Plan) will evaluate existing projects and plans, availability of different modes of transportation, analyze multi-modal supportive infrastructure and place-making strategies, and consider future mobility trends to propose Mobility Hub locations and improvements that address mobility. The Plan will encourage multimodal transportation options and alleviate traffic congestion in the heavily congested region of the I-710N terminus due to the freeway terminating onto the streets of the City of Alhambra.



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PROGRAM: 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct Mobility Hubs Need Analysis	Consultant	01/01/2021	01/31/2022
2	Develop Recommended Strategy	Consultant	01/01/2021	06/30/2022
3	Conduct Public Workshops	Consultant	01/01/2021	03/31/2023
4	Develop Final Plan	Consultant	01/01/2021	03/31/2023
5	Review consultant deliverables and provide comments, actively participate in monthly project coordination meetings, manage the consultant contract and approve invoices	Staff	10/01/2020	03/31/2023

Product No	Product Description	Completion Date
1	Draft Plan	03/31/2023
2	Final Plan	03/31/2023



Caltrans Report

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PROGRAM: 155 - SUSTAINABLE COMMUNITIES PLANNING GRANT PROGRAM

MANAGER: ERIKA BUSTAMANTE **TOTAL BUDGET:** \$830,882

OBJECTIVE

To encourage local and regional planning that furthers state goals; to identify and address statewide, interregional, or regional transportation deficiencies on the State highway system; and to support planning actions at the local and regional levels that advance climate change efforts on the transportation system.

PROJECT: TRANSPORTATION BROADBAND STRATEGIES TO REDUCE VMT AND GHG

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT

MANAGER: PHILIP LAW **TOTAL BUDGET:** \$242,533

PROJECT DESCRIPTION

Determine the feasibility of accelerating Digital Inclusion (broadband deployment and adoption) as a "green strategy" to reduce Vehicle Miles Traveled (VMT), improve mobility, and quantify the potential for contributing to the Southern California Association of Governments (SCAG) region's 19% GHG emissions reduction goal.

TASK: 22-155.4863.01 **TASK BUDGET:** \$242,533

TASK NAME: TRANSPORTATION BROADBAND STRATEGIES TO REDUCE VMT AND GHG

Carryover Ongoing **PROJECT MANAGER:** THOMAS BELLINO

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	5,342	0	0	0	5,342
Benefits	4,180	0	0	0	4,180
Indirect Cost	13,454	0	0	0	13,454
Other	7,025	0	0	0	7,025
Consultant	0	200,000	0	0	200,000
Cash/Local Other	0	12,532	0	0	12,532
Total	\$30,001	\$212,532	\$0	\$0	\$242,533

PROGRAM: 155 - SUSTAINABLE COMMUNITIES PLANNING GRANT PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	23,782	0	0	0	23,782
SHA	6,219	188,155	0	0	194,374
Cash/Local Other	0	24,377	0	0	24,377
Total	\$30,001	\$212,532	\$0	\$0	\$242,533

PREVIOUS ACCOMPLISHMENTS

Worked with Caltrans to begin the project. Executed multiple deliverables. Developed, released and executed RFP for technical consultant.

OBJECTIVES

Determine the feasibility of accelerating Digital Inclusion (broadband deployment and adoption) as a "green strategy" to reduce Vehicle Miles Traveled (VMT), improve mobility, and quantify the potential for contributing to the Southern California Association of Governments (SCAG) region's 19% GHG emissions reduction goal.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Complete kick-off, project management, support and administration	Staff	01/01/2020	02/28/2022
2	Engage with community	Consultant	01/01/2020	02/28/2022
3	Assess existing conditions identify data needs and collect data	Consultant	02/01/2021	05/31/2021
4	Draft and finalize study and report, and determine implementation next steps	Consultant	01/01/2021	02/28/2022

Product No	Product Description	Completion Date
1	Meeting notes and materials relating to project management and administration	02/28/2022
2	Community engagement and input reports	02/28/2022
3	Data and analysis findings reports and maps	02/28/2022
4	Draft and final versions of report	02/28/2022



PROGRAM: 155 - SUSTAINABLE COMMUNITIES PLANNING GRANT PROGRAM

PROJECT: SB 743 VMT MITIGATION ASSISTANCE PROGRAM

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$588,349

PROJECT DESCRIPTION

Provide resources to local jurisdictions in the SCAG region for implementing new CEQA transportation impact assessment regulations as mandated by SB743. SB 743 replaces motor vehicle delay with VMT as a the appropriate metric for assessing CEQA transportation impact. Local agencies in the SCAG region have expressed concern regarding the provision of adequate resources to implement this new regulation at the local level, particularly for VMT mitigation. This cooperative effort with the City of Los Angeles focuses on the evaluation of opportunities for developing a regional VMT exchange or banking program as potential VMT mitigation options to benefit local agencies throughout the SCAG region.

TASK: 22-155.4864.01 **TASK BUDGET:** \$588,349
TASK NAME: SB 743 VMT MITIGATION ASSISTANCE PROGRAM

Carryover Ongoing **PROJECT MANAGER:** MICHAEL GAINOR

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	16,796	0	0	0	16,796
Benefits	13,142	0	0	0	13,142
Indirect Cost	42,305	0	0	0	42,305
Consultant	0	516,106	0	0	516,106
Total	\$72,243	\$516,106	\$0	\$0	\$588,349

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	72,243	59,197	0	0	131,440
SHA	0	456,909	0	0	456,909
Total	\$72,243	\$516,106	\$0	\$0	\$588,349

PROGRAM: 155 - SUSTAINABLE COMMUNITIES PLANNING GRANT PROGRAM

PREVIOUS ACCOMPLISHMENTS

Completed SB 743 local implementation assistance project for the City of Temecula. Final report has been submitted to SCAG. Continued consultant-led technical assistance activities in support of SB 743 implementation for the City of Banning, San Bernardino County Transportation Authority (SBCTA), and the City of Los Angeles Department of Transportation (LADOT).

OBJECTIVES

Provide resources to local jurisdictions in the SCAG region for implementing new CEQA transportation impact assessment regulations as mandated by SB743. SB 743 replaces motor vehicle delay with VMT as a the appropriate metric for assessing CEQA transportation impact. Local agencies in the SCAG region have expressed concern regarding the provision of adequate resources to implement this new regulation at the local level, particularly for VMT mitigation. This cooperative effort with the City of Los Angeles focuses on the evaluation of opportunities for developing a regional VMT exchange or banking program as potential VMT mitigation options to benefit local agencies throughout the SCAG region.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Establish Technical Advisory Group	Staff/Consultant	01/01/2020	02/28/2022
2	Establish Program Criteria	Staff/Consultant	01/01/2020	02/28/2022
3	Define Program Alternatives	Consultant	01/01/2020	02/28/2022
4	Develop Program Technical Justification	Consultant	01/01/2020	02/28/2022
5	Engage Program Beneficiaries	Staff/Consultant	01/01/2020	02/28/2022
6	Implement Pilot Demonstration Program	Consultant	01/01/2020	02/28/2022
7	Perform project management activities	Staff/Consultant	01/01/2020	02/28/2022

Product No	Product Description	Completion Date
1	VMT Exchange/Bank Program Criteria	09/30/2020
2	Preferred Program Alternative Memorandum	11/30/2020
3	Technical Justification Report/Nexus	02/28/2021
4	Framework of Pilot Demonstration Project	04/30/2021
5	Final Program Technical Guidance Report	02/28/2022



PROGRAM: 225 - SPECIAL GRANT PROJECTS

MANAGER: FRANK WEN **TOTAL BUDGET:** \$5,383,913

OBJECTIVE

To fund and participate in environmental and transportation specialized projects with funding from discretionary grants and/or local funds contributed by local jurisdictions. Grants assist the region and local agencies to better integrate land use, technology and transportation planning to develop alternatives for addressing growth, sustainability and to assess efficient infrastructure investments that meet community needs. In addition, staff has secured multiple grants to support Go Human, a Regional Active Transportation Safety and Encouragement Campaign. The Campaign will be implemented in partnership with the six county health departments and six county transportation commissions and aims to increase levels of active transportation while reducing collisions. The multi-faceted campaign will include partnering with local agencies on demonstration projects, coordinating safety trainings and workshops, and increasing public awareness of the rules of the road through outreach and advertising partnerships,

SCAG will also administer an ATP grant to develop a regional template for active transportation plans in disadvantaged communities. The template will be used to partner with at least six cities to prepare active transportation plans.

PROJECT: SO. CALIF. ACTIVE TRANSPORTATION SAFETY & ENCOURAGEMENT CAMPAIGN

DEPARTMENT NAME: 416 - PLANNING STRATEGY
MANAGER: FRANK WEN **TOTAL BUDGET:** \$3,698,311

PROJECT DESCRIPTION

Campaign will educate all roadway users on the rules of the road, encourage more people to bike/walk through education, increase public awareness and support for active transportation as a mode of transportation, and build regional partnerships between transportation agencies, health departments, local agencies, non-profits, and private sector partners to cost effectively expand the reach of the Campaign.

TASK: 22-225.3564.10 **TASK BUDGET:** \$147,467
TASK NAME: GO HUMAN - MSRC - SUSTAINABILITY PLANNING GRANTS

Carryover Ongoing **PROJECT MANAGER:** JULIA LIPPE-KLEIN

PROGRAM: 225 - SPECIAL GRANT PROJECTS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	4,991	0	0	0	4,991
Benefits	3,905	0	0	0	3,905
Indirect Cost	12,571	0	0	0	12,571
Consultant	0	126,000	0	0	126,000
Total	\$21,467	\$126,000	\$0	\$0	\$147,467

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	21,467	0	0	0	21,467
State Other	0	126,000	0	0	126,000
Total	\$21,467	\$126,000	\$0	\$0	\$147,467

PREVIOUS ACCOMPLISHMENTS

SBCTA project final report completed. All other project events completed (with the exception of Long Beach, Wildomar, and the third LADOT SRTS demo).

OBJECTIVES

To manage Active Transportation Safety and Encouragement projects in partnership with local agencies , including Go Human events and Safe Routes to School programs.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Facilitate Project Management	Staff/Consultant	07/01/2018	12/30/2021
2	Initiate and execute Go Human efforts	Staff/Consultant	07/01/2018	12/30/2021

Product No	Product Description	Completion Date
1	San Bernardino County Safe Routes to Schools Program materials and report	02/27/2021
2	Go Human event programs and reports	12/30/2021
3	Final Report	12/30/2021



PROGRAM: 225 - SPECIAL GRANT PROJECTS

TASK: 22-225.3564.11 **TASK BUDGET: \$111,065**
TASK NAME: SCAG 2017 ACTIVE TRANSPORTATION SAFETY AND ENCOURAGEMENT CAMPAIGN

Carryover Ongoing **PROJECT MANAGER: DOROTHY LE SUCHKOVA**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	12,188	0	0	0	12,188
Benefits	9,536	0	0	0	9,536
Indirect Cost	30,699	0	0	0	30,699
Consultant	0	55,000	0	0	55,000
Cash/Local Other	0	3,642	0	0	3,642
Total	\$52,423	\$58,642	\$0	\$0	\$111,065

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Federal Other	0	55,000	0	0	55,000
TDA	52,423	0	0	0	52,423
Cash/Local Other	0	3,642	0	0	3,642
Total	\$52,423	\$58,642	\$0	\$0	\$111,065

PREVIOUS ACCOMPLISHMENTS

LADOT Vision Zero Community Outreach continues into FY22. San Bernardino County SRTS Project Final Report finalized. Imperial County Public Health SRTS project on pause due to COVID related challenges and school systems.

OBJECTIVES

Manage the ATP grants that were awarded under the MPO component of the program including procure and manage consultants, meet reporting requirements and issue final reports.

Please note, Step 1 and Product 1 end dates have been updated to reflect the ATP grant extension approval.



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PROGRAM: 225 - SPECIAL GRANT PROJECTS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Perform Imperial County Safe Routes to School Project	Consultant	09/01/2018	10/31/2022
2	Perform San Bernardino County Safe Routes to School Project	Consultant	02/27/2018	02/27/2021
3	Perform LADOT Vision Zero Community-Based Outreach	Consultant	01/21/2018	02/27/2021
4	Perform Santa Ana Pedestrian and Bicyclist Education Campaign	Consultant	10/17/2018	06/30/2020
5	Perform various Go Human Events	Consultant	04/15/2019	12/31/2020
6	Manage the project and perform reporting	Staff	07/01/2020	06/30/2021

Product No	Product Description	Completion Date
1	Imperial County Safe Routes to School Project	10/31/2022
2	San Bernardino County Safe Routes to School Project	02/27/2021
3	LADOT Vision Zero Education Campaign Media Development	06/30/2019
4	City of Santa Ana - Pedestrian and Bicyclist Education Campaign	06/30/2020
5	LA Vision Zero Community Based Education Materials	02/27/2021
6	South El Monte Open Streets	12/31/2019
7	Greater El Monte Go Human Bike Friendly Business Program	12/31/2020

TASK: 22-225.3564.14 **TASK BUDGET: \$2,116,989**
TASK NAME: SCAG 2019 LOCAL DEMONSTRATION INITIATIVE

Carryover Ongoing **PROJECT MANAGER: HANNAH BRUNELLE**

PROGRAM: 225 - SPECIAL GRANT PROJECTS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	20,500	0	0	0	20,500
Benefits	16,040	0	0	0	16,040
Indirect Cost	51,636	0	0	0	51,636
Other	14,188	0	0	0	14,188
Consultant	0	2,014,625	0	0	2,014,625
Total	\$102,364	\$2,014,625	\$0	\$0	\$2,116,989

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	57,314	0	0	0	57,314
State Other	45,050	1,924,625	0	0	1,969,675
Cash/Local Other	0	90,000	0	0	90,000
Total	\$102,364	\$2,014,625	\$0	\$0	\$2,116,989

PREVIOUS ACCOMPLISHMENTS

Staff worked with the City of Ojai to plan and implement the quick build project. Staff released an RFP for a consultant to support four additional quick build projects for the Cities of Pasadena, El Monte, Calexico, and Glendale. Staff finalized an MOU with the City of Long Beach to lead the quick build project implementation. Staff executed two contracts to support Go Human Kit of Parts demonstrations in six local agencies, and Go Human co-branding and safety advertising to supplement ongoing planning work in five local agencies.

OBJECTIVES

Coordinate with local agencies to implement Go Human and Quick Build education and encouragement projects awarded through SCAG's 2018 Sustainable Communities Program.



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PROGRAM: 225 - SPECIAL GRANT PROJECTS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Procure and manage consultant	Staff	10/01/2019	12/31/2021
2	Deploy Go Human Ads and kit of Parts Resources	Staff/Consultant	01/01/2020	12/31/2021
3	Implement and evaluate Quick Build projects	Staff/Consultant	01/01/2020	12/31/2021

Product No	Product Description	Completion Date
1	Final Reports from each project.	12/31/2021

TASK: 22-225.3564.16 **TASK BUDGET: \$1,322,790**
TASK NAME: FY21 OTS - PEDESTRIAN AND BICYCLE SAFETY PROGRAM

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	123,060	0	0	0	123,060
Benefits	96,287	0	0	0	96,287
Indirect Cost	309,969	0	0	0	309,969
Other	10,387	0	0	0	10,387
Consultant	0	225,651	0	0	225,651
Non-Profits/IHL	0	0	0	557,436	557,436
Total	\$539,703	\$225,651	\$0	\$557,436	\$1,322,790

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Federal Other	51,028	225,651	0	557,436	834,115
TDA	488,675	0	0	0	488,675
Total	\$539,703	\$225,651	\$0	\$557,436	\$1,322,790



PROGRAM: 225 - SPECIAL GRANT PROJECTS

PREVIOUS ACCOMPLISHMENTS

16 jurisdictions signed the SCAG safety pledge (54 total); \$210,000 awarded to 28 projects through the Mini Grant (76,000 impressions achieved; regional advertising campaign launched/achieved 300+ million impressions; Go Human hosted a two-part virtual webinar series (with the Automobile Club of Southern California), Safe, Resilient & Locally Grown: Community-Based Traffic Safety Solutions During a Pandemic with 175 participants; SCAG presented on the Go Human campaign and the Go Human Kit of Parts at the Transportation Research Board Annual Conference.

OBJECTIVES

Improve traffic safety across the region through trainings, local community engagement and technical assistance by September 30, 2021.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage the project and consultants.	Staff	10/01/2020	09/30/2021
2	Plan and implement and mini grant program.	Consultant	10/01/2020	09/30/2021
3	Plan and implement the Community Ambassador Safety Training program.	Consultant	10/01/2020	09/30/2021
4	Host sub-regional safety peer exchanges.	Consultant	10/01/2020	09/30/2021
5	Manage and deploy the Kit of Parts.	Consultant	10/01/2020	09/30/2021

Product No	Product Description	Completion Date
1	Mini Grant Final Report and documentation	09/30/2021
2	Community Ambassador Safety Training Program Final Report and documentation	09/30/2021
3	Sub-regional safety peer exchanges Final Report and documentation	09/30/2021
4	Kit of Parts Overview and documentation	09/30/2021

PROJECT: SCAG 2017 ACTIVE TRANSPORTATION LOCAL PLANNING INITIATIVE

DEPARTMENT NAME: 416 - PLANNING STRATEGY
 MANAGER: FRANK WEN TOTAL BUDGET: \$1,182,763

PROJECT DESCRIPTION

Develop Active Transportation Plans and Safe Routes to School Plans for 7 cities: Fullerton, Montclair, San Gabriel, La Puente, Palm Springs, San Bernardino, San Jacinto (Soboba Tribe).



PROGRAM: 225 - SPECIAL GRANT PROJECTS

TASK: 22-225.4837.01 **TASK BUDGET: \$1,182,763**
TASK NAME: SCAG 2017 ACTIVE TRANSPORTATION LOCAL PLANNING INITIATIVE

Carryover Ongoing **PROJECT MANAGER: DOROTHY LE SUCHKOVA**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	11,266	0	0	0	11,266
Benefits	8,815	0	0	0	8,815
Indirect Cost	28,376	0	0	0	28,376
Other	12,949	0	0	0	12,949
Consultant	0	899,115	0	0	899,115
Cash/Local Other	0	222,242	0	0	222,242
Total	\$61,406	\$1,121,357	\$0	\$0	\$1,182,763

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	48,457	0	0	0	48,457
State Other	12,949	865,732	0	0	878,681
Cash/Local Other	0	255,625	0	0	255,625
Total	\$61,406	\$1,121,357	\$0	\$0	\$1,182,763

PREVIOUS ACCOMPLISHMENTS

In FY 2021, work underway for Fullerton, Montclair, San Gabriel, La Puente, Palm Springs, San Bernardino and San Jacinto (Soboba Tribe). Montclair ATP anticipated to wrap up December 2020. Anticipate for FY 2022, work will continue for Fullerton, San Gabriel, La Puente, Palm Springs, San Bernardino and San Jacinto (Soboba Tribe)

OBJECTIVES

Develop Active Transportation Plans and Safe Routes to School Plans for 7 cities: Fullerton, Montclair, San Gabriel, La Puente, Palm Springs, San Bernardino, San Jacinto (Soboba Tribe).



PROGRAM: 225 - SPECIAL GRANT PROJECTS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop Downtown Fullerton Active Transportation Plan	Consultant	04/01/2020	02/24/2022
2	Develop active transportation plans.	Consultant	02/28/2019	02/24/2022
3	Develop safe routes to school plans.	Consultant	04/01/2020	02/24/2022
4	Manage the projects.	Staff	12/05/2019	02/24/2022

Product No	Product Description	Completion Date
1	Downtown Fullerton Active Transportation plan	02/24/2022
2	Soboba, Montclair, San Bernardino Active Transportation Plans	02/24/2022
3	San Gabriel, La Puente, Palm Springs Safe Routes to School Plans	02/24/2022

PROJECT: SCAG ACTIVE TRANSPORTATION DISADVANTAGED COMMUNITIES PLANS

DEPARTMENT NAME: 416 - PLANNING STRATEGY
 MANAGER: FRANK WEN TOTAL BUDGET: \$3,082

PROJECT DESCRIPTION

Develop active transportation plans in disadvantaged communities and "pilot" an innovative planning methodology to deliver low-cost, local plans across the region by leveraging regional planning tools (health/active transportation models and active transportation database) and Go Human engagement resources (pop-up events template and training toolkits).

TASK: 22-225.4839.01 TASK BUDGET: \$3,082
 TASK NAME: DISADVANTAGED COMMUNITIES ACTIVE TRANSPORTATION PLANNING

Carryover Ongoing PROJECT MANAGER: JULIA LIPPE-KLEIN

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	3,082	0	0	3,082
Total	\$0	\$3,082	\$0	\$0	\$3,082



PROGRAM: 225 - SPECIAL GRANT PROJECTS

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	0	3,082	0	0	3,082
Total	\$0	\$3,082	\$0	\$0	\$3,082

PREVIOUS ACCOMPLISHMENTS

Completed existing conditions report and draft recommendations report.

OBJECTIVES

Objective Develop active transportation plans in disadvantaged communities and "pilot" an innovative planning methodology to deliver low-cost, local plans across the region by leveraging regional planning tools (health/active transportation models and active transportation database) and Go Human engagement resources (pop-up events template and training toolkits).

Develop active transportation plans in disadvantaged communities and "pilot" an innovative planning methodology to deliver low-cost, local plans across the region by leveraging regional planning tools (health/active transportation models and active transportation database) and Go Human engagement resources (pop-up events template and training toolkits).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage and provide oversight of the project.	Staff/Consultant	07/01/2021	09/20/2021
2	Develop final reports.	Staff/Consultant	07/01/2021	09/30/2021

Product No	Product Description	Completion Date
1	Final report for each city	09/30/2021

PROJECT: IMPERIAL COUNTY PROJECT RIDE, WALK, LEARN

DEPARTMENT NAME: 416 - PLANNING STRATEGY

MANAGER: FRANK WEN

TOTAL BUDGET: \$233,089

PROJECT DESCRIPTION

This educationally focused program to be run the Imperial County Office of Education's Student Well-Being Department will impart important information programmed around key components of the community wants as outlined in the "education" and "encouragement" portions of the Imperial County Safe Routes to Schools Master Plan drawn up by the Imperial County Transportation Commission in spring 2016. The communities of focus will be Calipatria, Niland, Westmorland, Seeley and Heber.



PROGRAM: 225 - SPECIAL GRANT PROJECTS

TASK: 22-225.4868.01 **TASK BUDGET: \$233,089**
TASK NAME: IMPERIAL COUNTY PROJECT RIDE, WALK, LEARN

Carryover Ongoing **PROJECT MANAGER: DOROTHY LE SUCHKOVA**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	4,438	0	0	0	4,438
Benefits	3,473	0	0	0	3,473
Indirect Cost	11,178	0	0	0	11,178
Consultant	0	214,000	0	0	214,000
Total	\$19,089	\$214,000	\$0	\$0	\$233,089

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	19,089	0	0	0	19,089
State Other	0	214,000	0	0	214,000
Total	\$19,089	\$214,000	\$0	\$0	\$233,089

PREVIOUS ACCOMPLISHMENTS

Project kicked off May 2020. Work is delayed due to COVID public health guidance in schools.

OBJECTIVES

This educationally focused program to be run the Imperial County Office of Education's Student Well-Being Department will impart important information programmed around key components of the community wants as outlined in the "education" and "encouragement" portions of the Imperial County Safe Routes to Schools Master Plan drawn up by the Imperial County Transportation Commission in spring 2016. The communities of focus will be Calipatria, Niland, Westmorland, Seeley and Heber.



PROGRAM: 225 - SPECIAL GRANT PROJECTS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct outreach, engagement, and advertising	Consultant	06/01/2020	05/30/2022
2	Hold community meetings and workshops	Consultant	06/01/2020	05/30/2022
3	Develop the program	Consultant	06/01/2020	05/30/2022
4	Implement the program	Consultant	06/01/2020	05/30/2022
5	Prepare a final report	Consultant	06/01/2020	05/30/2022
6	Manage the project	Staff	06/01/2020	05/30/2022

Product No	Product Description	Completion Date
1	Outreach and Engagement Plan	05/30/2022
2	Program Implementation Plan	05/30/2022
3	Final Report	05/30/2022

PROJECT: SAN GABRIEL VALLEY GREENWAY NETWORK IMPLEMENTATION PLAN

DEPARTMENT NAME: 416 - PLANNING STRATEGY
MANAGER: FRANK WEN **TOTAL BUDGET:** \$216,668

PROJECT DESCRIPTION

The Greenway Network Implementation plan will plan an active transportation network along the greenways at the Big Dalton Wash in the City of Baldwin Park and the San Jose Creek in the City of Pomona and seek resident feedback through a community engagement process.

TASK: 22-225.4869.01 **TASK BUDGET:** \$216,668
TASK NAME: SAN GABRIEL VALLEY GREENWAY NETWORK IMPLEMENTATION PLAN

Carryover Ongoing **PROJECT MANAGER:** HANNAH BRUNELLE

PROGRAM: 225 - SPECIAL GRANT PROJECTS

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	3,875	0	0	0	3,875
Benefits	3,032	0	0	0	3,032
Indirect Cost	9,761	0	0	0	9,761
Consultant	0	200,000	0	0	200,000
Total	\$16,668	\$200,000	\$0	\$0	\$216,668

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	16,668	0	0	0	16,668
State Other	0	200,000	0	0	200,000
Total	\$16,668	\$200,000	\$0	\$0	\$216,668

PREVIOUS ACCOMPLISHMENTS

In coordination with local jurisdictions, SCAG staff has recommended to cancel this project since the project scope was duplicative of other local jurisdiction efforts. Pending next steps to cancel project.

OBJECTIVES

The Greenway Network Implementation plan will plan an active transportation network along the greenways at the Big Dalton Wash in the City of Baldwin Park and the San Jose Creek in the City of Pomona and seek resident feedback through a community engagement process.



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PROGRAM: 225 - SPECIAL GRANT PROJECTS

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Form and facilitate advisory committee	Consultant	01/15/2020	06/30/2022
2	Conduct outreach, engagement, and advertising	Consultant	01/15/2020	06/30/2022
3	Gather existing conditions and data	Consultant	01/15/2020	06/30/2022
4	Plan and implement Greenway Network Plan	Consultant	01/15/2020	06/30/2022
5	Conduct survey and develop a funding plan	Consultant	01/15/2020	06/30/2022
6	Draft a final report	Consultant	01/15/2020	06/30/2022
7	Manage the project	Staff	01/15/2020	06/30/2022

Product No	Product Description	Completion Date
1	Outreach and Engagement Plan	06/30/2022
2	Existing Conditions Report	06/30/2022
3	Draft Plan	06/30/2022
4	Final Plan	06/30/2022

PROJECT: GOVERNMENT TO UNIVERSITY INITIATIVE (G2U)

DEPARTMENT NAME: 201 - ADMINISTRATION
MANAGER: DEBRA DILLON **TOTAL BUDGET: \$50,000**

PROJECT DESCRIPTION

The G2U Initiative is an innovative approach to addressing critical governance challenges by building structured regional networks of governments and universities. Under SCAG's leadership, the G2U initiative in the Los Angeles region should advance constructive government-university collaboration that engages as many governmental and academic institutions as is practicable.

TASK: 22-225.4884.01 **TASK BUDGET: \$50,000**
TASK NAME: GOVERNMENT TO UNIVERSITY INITIATIVE (G2U)

Carryover Ongoing **PROJECT MANAGER: DEBRA DILLON**

PROGRAM: 225 - SPECIAL GRANT PROJECTS

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Other	50,000	0	0	0	50,000
Total	\$50,000	\$0	\$0	\$0	\$50,000

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Cash/Local Other	50,000	0	0	0	50,000
Total	\$50,000	\$0	\$0	\$0	\$50,000

PREVIOUS ACCOMPLISHMENTS

Established steering committee, held quarterly meetings, created SCAG website presence for LAG2U, oversaw research team that identified barriers to attracting diverse qualified candidates to public service and videos highlighting public servants to help market the message. Research report will create work plan for the 2021/2022 year. Results have not been identified yet.

OBJECTIVES

The G2U Initiative is an innovative approach to addressing critical governance challenges by building structured regional networks of governments and universities. Under SCAG's leadership, the G2U initiative in the Los Angeles region should advance constructive government-university collaboration that engages as many governmental and academic institutions as is practicable.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Host and lead LA County based steering committee that will meet quarterly to help establish the G2U and implement project committee work.	Staff	07/01/2021	06/30/2022
2	Lead two LA county based project committees through researching and implementing G2U initiatives on Why Serve in Government and How to Get a Government Job	Staff	07/01/2021	06/30/2022
3	Participate in G2U National Conference to share research and best practices.	Staff	10/01/2021	10/01/2022
4	Participate in G2U network events periodically to share best practices across the country including webinars.	Staff	07/01/2021	06/30/2022



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Product No	Product Description	Completion Date
1	Written research and analysis of Why Serve in Government and How to Get a Government Job	06/30/2021
2	Work plan developed for the two project teams from the research work .	06/30/2022
3	Webinars with other G2U sites.	06/30/2022



PROGRAM: 267 - CLEAN CITIES PROGRAM

MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$95,000

OBJECTIVE

Administer the U.S. Department of Energy (DOE) Clean Cities Program for the SCAG Clean Cities Coalition, including performing outreach and marketing in support of expanding alternative fuels in the SCAG region through on going funds from DOE and funds from the California Energy Commission (CEC). Partner with public and private entities to displace petroleum gasoline use by encouraging purchase of alternative vehicles, increasing efficiency of existing fleet vehicles, and reduction of vehicle miles traveled (VMT).

PROJECT: CLEAN CITIES COALITION

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$95,000

PROJECT DESCRIPTION

Administer The SCAG Clean Cities Coalition Program under a grant from the U.S. Department of Energy (DOE).

TASK: 22-267.1241.04 **TASK BUDGET:** \$95,000
TASK NAME: SCAG AND DOE/NETL CLEAN CITIES COALITION COORDINATION

Carryover Ongoing **PROJECT MANAGER:** JOSEPH CRYER

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	19,845	0	0	0	19,845
Benefits	15,527	0	0	0	15,527
Indirect Cost	49,985	0	0	0	49,985
Travel	5,000	0	0	0	5,000
Other	4,643	0	0	0	4,643
Total	\$95,000	\$0	\$0	\$0	\$95,000

PROGRAM: 267 - CLEAN CITIES PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Federal Other	90,000	0	0	0	90,000
TDA	5,000	0	0	0	5,000
Total	\$95,000	\$0	\$0	\$0	\$95,000

PREVIOUS ACCOMPLISHMENTS

All grant tasks successfully completed.

OBJECTIVES

Coordinate and promote the efforts of the Department of Energy (DOE) Clean Cities Program and fulfill all DOE Clean Cities Program requirements. Coordinate with and support alternative fuel vehicle stakeholders in the region.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Plan and execute the required number of stakeholder meetings and events to further the goals of the Clean Cities Program.	Staff	04/01/2021	03/31/2022
2	Conduct a quarterly alternative fuels survey and submit results to DOE.	Staff	04/01/2021	03/31/2022
3	Participate in required Clean Cities conferences, seminars and training sessions.	Staff	04/01/2021	03/31/2022
4	Conduct an annual survey of members and stakeholders on alternative fuels in the SCAG region.	Staff	01/01/2022	03/15/2022
5	Conduct outreach and education activities to keep stakeholders informed	Staff	04/01/2021	03/31/2022
6	Expand the Clean Cities stakeholders	Staff	04/01/2021	03/31/2022

Product No	Product Description	Completion Date
1	SCAG Clean Cities Coalition meeting agendas, notes, and/or recordings.	03/31/2022
2	Documentation required by the Clean Cities Program, including annual survey and annual project management plan.	03/31/2022



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

MANAGER: FRANK WEN **TOTAL BUDGET: \$10,828,927**

OBJECTIVE

The Sustainable Communities Program (SCP) is a proven, recognized and effective framework for deploying essential planning resources throughout the SCAG region. This collaborative initiative provides assistance to member local jurisdictions to coordinate sustainable transportation, land use and regional policies and issues in local planning. The SCP seeks to provide needed planning resources to local jurisdictions for sustainability planning efforts ; develop local plans that support the implementation of the Connect SoCal, the 2020 RTP/SCS; and increase the region’s competitiveness for federal and state funds. The program seeks planning solutions to local growth challenges and results in strategies that promote local and regional sustainability through the integration of transportation and land use, with particular focus on developing and practical strategies to reduce greenhouse gases. It will continue to be a critical tool in achieving SB 375 targets and other State goals aimed at reducing GHG emissions.

PROJECT: SUSTAINABILITY PLANNING GRANT PROGRAM

DEPARTMENT NAME: 416 - PLANNING STRATEGY

MANAGER: FRANK WEN **TOTAL BUDGET: \$2,520,099**

PROJECT DESCRIPTION

The Sustainability Communities Program encourages and empowers local jurisdictions, CTCs, transit agencies and COGs to plan for sustainable development. Three main categories are (1) Integrated Land Use, (2) Active Transportation, and (3) Green Region Initiative. Each category has specific planning objectives. Overarching goals include integration of land use planning with transportation investments and reduced GHG emissions.

TASK: 22-275.4823.02 **TASK BUDGET: \$56,371**

TASK NAME: SUSTAINABILITY PLANNING GRANT PROGRAM - 2016 CALL (FY19 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	1,714	0	0	0	1,714
Benefits	1,341	0	0	0	1,341
Indirect Cost	4,316	0	0	0	4,316
Travel	4,000	0	0	0	4,000
Consultant	0	45,000	0	0	45,000
Total	\$11,371	\$45,000	\$0	\$0	\$56,371

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	11,371	40,000	0	0	51,371
Cash/Local Other	0	5,000	0	0	5,000
Total	\$11,371	\$45,000	\$0	\$0	\$56,371

PREVIOUS ACCOMPLISHMENTS

SCAG continued to collaborate with local jurisdictions in initiating and carrying out the 2016 Sustainable Planning Grant Phase 2 projects and completed six projects in FY21. The team anticipates to carry over four projects to FY22 OWP.

OBJECTIVES

This task will fund Sustainability Planning projects in local jurisdictions from the 2016 Call for Projects - Phase 2.

The Sustainable Communities Program is a proven, recognized and effective framework for deploying essential planning resources throughout the SCAG region. It will continue to be a critical tool in achieving SB 375 targets and other State goals aimed at reducing GHG emissions. The three main categories – Integrated Land Use; Active Transportation; and Green Region Initiative – offer jurisdictions the wherewithal to develop and update local plans that support State priorities, reduce vehicle miles travelled (VMT), and advance the region’s Sustainable Communities Strategy (SCS).

Extended to Aug 31. Funding expired in February so using tapered/delayed match approach was approved by Caltrans and therefore the end dates have been extended through Aug 31.

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Complete local Sustainability Planning projects that showcase the local and regional benefits of sustainable planning and support the 2016 RTP/SCS and other regional policies	Staff/Consultant	07/01/2018	08/31/2021
2	Manage and coordinate consultant work including preparation of scope of work and monitoring project budget and schedule	Staff	07/01/2018	08/31/2021

Product No	Product Description	Completion Date
1	Project materials for Sustainability Planning Grant projects (2016 Call for Projects Phase 2)	08/31/2021

TASK: 22-275.4823.03 **TASK BUDGET: \$21,968**

TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM - 2018 CALL (FY19 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	690	0	0	0	690
Benefits	540	0	0	0	540
Indirect Cost	1,738	0	0	0	1,738
Travel	2,000	0	0	0	2,000
Consultant	0	17,000	0	0	17,000
Total	\$4,968	\$17,000	\$0	\$0	\$21,968

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	4,968	17,000	0	0	21,968
Total	\$4,968	\$17,000	\$0	\$0	\$21,968



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

PREVIOUS ACCOMPLISHMENTS

SCAG continued to collaborate with local jurisdictions in initiating and carrying out the 2018 Sustainable Communities Program projects and completed four projects in FY21. The team anticipates to carry over four projects to FY22 OWP.

OBJECTIVES

This task will fund a competitive Sustainable Communities Program Call for Projects completed in fall 2018.

The Sustainable Communities Program is a proven, recognized and effective framework for deploying essential planning resources throughout the SCAG region. It will continue to be a critical tool in achieving SB 375 targets and other State goals aimed at reducing GHG emissions. The three main categories – Integrated Land Use; Active Transportation; and Green Region Initiative – offer jurisdictions the wherewithal to develop and update local plans that support State priorities, reduce vehicle miles travelled (VMT), and advance the region’s Sustainable Communities Strategy (SCS).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct outreach and develop partnerships for Sustainability Planning projects and other technical assistance	Staff/Consultant	07/01/2019	06/30/2020
2	Complete local Sustainability Planning projects that showcase the local and regional benefits of sustainable planning and support the 2016 RTP/SCS and other regional policies	Staff/Consultant	07/01/2019	08/31/2021
3	Manage and coordinate consultant work including preparation of scope of work monitoring project budget and schedule	Staff	07/01/2019	08/31/2021

Product No	Product Description	Completion Date
1	Updated presentations and other documentation of outreach activities (2018 Call for Projects)	06/30/2020
2	Project materials for Sustainability Planning projects (2018 Sustainable Communities Program Phase 1)	08/31/2021

TASK: 22-275.4823.04 **TASK BUDGET: \$291,996**
TASK NAME: SUSTAINABILITY PLANNING GRANT PROGRAM - 2016 CALL (CPG)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	3,877	0	0	0	3,877
Benefits	3,034	0	0	0	3,034
Indirect Cost	9,766	0	0	0	9,766
Other	12,721	0	0	0	12,721
Consultant	0	262,598	0	0	262,598
Total	\$29,398	\$262,598	\$0	\$0	\$291,996

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
FTA 5303	0	223,096	0	0	223,096
TDA	29,398	28,904	0	0	58,302
Cash/Local Other	0	10,598	0	0	10,598
Total	\$29,398	\$262,598	\$0	\$0	\$291,996

PREVIOUS ACCOMPLISHMENTS

SCAG continued to collaborate with local jurisdictions in carrying out the 2016 Sustainable Planning Grant Phase 1 projects and completed seven more projects in FY21. From inception to FY21 Q4, 17 projects have been completed. The team anticipates to carry over two projects to FY22 OWP.

OBJECTIVES

Primary objective is collaborative assistance to member local governments and communities for coordinating sustainable transportation, land use and regional policies and issues in local planning. The task will implement the SCAG Sustainability Planning Grant program to support and implement the policies of the 2016 RTP/SCS, which was the active RTP/SCS at the time this Call for Projects was held. Work will also be consistent with Caltrans' Smart Mobility Framework and Complete Streets program (Deputy Directive 64-R1). Emphases will include local and regional planning for greenhouse gas reductions, locally-applied "Green Region Initiative" strategies, public health impacts related to transportation activities and assistance in General Plan updates. Local-regional partnerships that integrate land use planning and transportation investment decision-making are critical to improving mobility, accessibility and air-quality in Southern California. Sustainability Planning Grant projects focused on key opportunity sites as identified in the RTP/SCS, will provide assistance to local jurisdictions for comprehensive planning solutions such as context-sensitive design, multi-modal transportation planning, infill and transit-oriented development projects community outreach and consensus building, fiscal and economic impact analysis, green house gas (GHG) reduction



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PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

standards, innovative financing and public private partnerships.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Complete local Sustainability Planning Grant projects that showcase the local and regional benefits of sustainable planning and support the 2016 RTP/SCS and other regional policies.	Staff/Consultant	07/01/2021	06/30/2022
2	Manage and coordinate consultant work including preparation of scope of work monitoring project budget and schedule	Staff	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Project Reports and deliverables	06/30/2022

TASK: 22-275.4823.05 **TASK BUDGET: \$1,212,603**
TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM - 2018 CALL (FY20 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	10,575	0	0	0	10,575
Benefits	8,274	0	0	0	8,274
Indirect Cost	26,635	0	0	0	26,635
Travel	4,000	0	0	0	4,000
Consultant	0	1,163,119	0	0	1,163,119
Total	\$49,484	\$1,163,119	\$0	\$0	\$1,212,603

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	49,484	133,410	0	0	182,894
SB1 Formula	0	1,029,709	0	0	1,029,709
Total	\$49,484	\$1,163,119	\$0	\$0	\$1,212,603

PREVIOUS ACCOMPLISHMENTS

Projects are being prioritized based on upcoming funding deadlines and moving through the RFP process.

OBJECTIVES

To support the Sustainable Communities Program 2018 Call for Projects.

The Sustainable Communities Program is a proven, recognized and effective framework for deploying essential planning resources throughout the SCAG region. It will continue to be a critical tool in achieving SB 375 targets and other State goals aimed at reducing GHG emissions. The three main categories – Integrated Land Use; Active Transportation; and Green Region Initiative – offer jurisdictions the wherewithal to develop and update local plans that support State priorities, reduce vehicle miles travelled (VMT), and advance the region’s Sustainable Communities Strategy (SCS).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct outreach and develop partnerships for Sustainability Planning projects and other technical assistance	Staff/Consultant	10/01/2019	06/30/2020
2	Complete local Sustainability Planning projects that showcase the local and regional benefits of sustainable planning and support the 2016 RTP/SCS and other regional policies	Staff/Consultant	07/01/2020	02/28/2022
3	Manage and coordinate consultant work including preparation of scope of work monitoring project budget and schedule	Staff	10/01/2019	02/28/2022
4	Procure and manage consultant	Staff	10/01/2019	02/28/2022

Product No	Product Description	Completion Date
1	Project materials for Sustainability Planning projects (2018 Sustainable Communities Program Phase 2)	02/28/2022
2	Final Reports from each project (2018 Sustainable Communities Program Phase 2)	02/28/2022



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

TASK: 22-275.4823.06 **TASK BUDGET: \$687,161**
TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM - 2018 CALL (FY21 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JOSEPH CRYER**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	8,640	0	0	0	8,640
Benefits	6,760	0	0	0	6,760
Indirect Cost	21,761	0	0	0	21,761
Consultant	0	650,000	0	0	650,000
Total	\$37,161	\$650,000	\$0	\$0	\$687,161

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	37,161	74,555	0	0	111,716
SB1 Formula	0	575,445	0	0	575,445
Total	\$37,161	\$650,000	\$0	\$0	\$687,161

PREVIOUS ACCOMPLISHMENTS

The project completed the procurement process and kicked off in December 2020.

OBJECTIVES

To support the Sustainable Communities Program 2018 Call for Projects.
 This task is to create an electric vehicle (EV) charging station study involving a regional site suitability analysis, potential EV charging site evaluations, public outreach and listening sessions, education, policy barriers analysis, and final plan.



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PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage project and plan preparation	Staff/Consultant	09/01/2020	09/30/2022
2	Conduct site suitability analysis for EV charging	Consultant	09/01/2020	09/30/2022
3	Perform potential EV site evaluations	Consultant	09/01/2020	09/30/2022
4	Conduct stakeholder outreach and education	Consultant	09/01/2020	09/30/2022
5	Perform EV charging policy analysis	Consultant	09/01/2020	09/30/2022
6	Prepare final plan	Consultant	09/01/2020	09/30/2022
7	Develop a scope of work for active transportation plan and procure a consultant	Staff	07/01/2020	06/01/2021
8	Prepare draft and final Active Transportation Plan	Consultant	06/01/2021	02/28/2023

Product No	Product Description	Completion Date
1	Meetings, documentation, and final plan	09/30/2022
2	Regional site suitability analysis	09/30/2022
3	List of potential EV sites with planning-level cost estimates and details	09/30/2022
4	Public outreach, listening sessions, and materials	09/30/2022
5	List of EV charging policies, funding sources, and recommendations	09/30/2022
6	Final Active Transportation Plan for Cathedral City	02/28/2023

TASK: 22-275.4823.07 **TASK BUDGET: \$250,000**
TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM - 2018 CALL (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	250,000	0	0	250,000
Total	\$0	\$250,000	\$0	\$0	\$250,000



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	0	28,675	0	0	28,675
SB1 Formula	0	221,325	0	0	221,325
Total	\$0	\$250,000	\$0	\$0	\$250,000

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

To support the Sustainable Communities Program 2018 Call for Projects. The Sustainable Communities Program is a proven, recognized and effective framework for deploying essential planning resources throughout the SCAG region . It will continue to be a critical tool in achieving SB 375 targets and other State goals aimed at reducing GHG emissions. The three main categories – Integrated Land Use; Active Transportation; and Green Region Initiative – offer jurisdictions the wherewithal to develop and update local plans that support State priorities, reduce vehicle miles traveled (VMT), and advance the region’s Sustainable Communities Strategy (SCS).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop a project Scope of Work and hire consultant	Staff	09/01/2021	10/01/2021
2	Provide support to Consultant as needed to produce project deliverables	Staff/Consultant	03/01/2022	02/28/2023
3	Close out contract and project	Staff	02/28/2023	03/31/2023

Product No	Product Description	Completion Date
1	Active Transportation Plan for Buena Park	02/28/2023

PROJECT: SUSTAINABLE COMMUNITIES PROGRAM (SCP) - CALL FOR APPLICATIONS

DEPARTMENT NAME: 416 - PLANNING STRATEGY
 MANAGER: FRANK WEN TOTAL BUDGET: \$233,990



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

PROJECT DESCRIPTION

This task will serve to administer the Sustainability Communities Program (SCP) Call for Applications. The SCP serves as the primary funding vehicle where SCAG partners with local agencies to implement the goals, objectives and strategies outlined in Connect SoCal, and achieve an integrated regional development pattern that reduces greenhouse gas (GHG) emissions and Vehicle Miles Traveled (VMT), facilitates housing production, and promotes healthy, connected communities. The program consists of different programmatic categories, including, but not limited to, (1) Active Transportation (2) Housing, and (3) Sustainability. Based on the funding sources, each category has specific planning objectives, eligible applicants, scoring criteria, and evaluators.

TASK: 22-275.4881.01 **TASK BUDGET: \$233,990**
TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM (SCP) - CALL FOR APPLICATIONS (FY20 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	53,703	0	0	0	53,703
Benefits	42,019	0	0	0	42,019
Indirect Cost	135,268	0	0	0	135,268
Other	3,000	0	0	0	3,000
Total	\$233,990	\$0	\$0	\$0	\$233,990

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	26,839	0	0	0	26,839
SB1 Formula	207,151	0	0	0	207,151
Total	\$233,990	\$0	\$0	\$0	\$233,990

PREVIOUS ACCOMPLISHMENTS

Managed and released Calls 1 (Active Transportation & Safety), Call 2 (Housing & Sustainable Development) and 3 (Smart Cities & Mobility Innovations) as of June 30. By Call, guidelines were developed, approved by the board, Call released, and dedicated and targetted outreach was conducted, including holding application workshops. Evaluation conducted and projects awarded.



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

OBJECTIVES

This task will serve to administer the Sustainability Communities Program (SCP) Call for Applications. The SCP serves as the primary funding vehicle where SCAG partners with local agencies to implement the goals, objectives and strategies outlined in Connect SoCal, and achieve an integrated regional development pattern that reduces greenhouse gas (GHG) emissions and Vehicle Miles Traveled (VMT), facilitates housing production, and promotes healthy, connected communities. The program consists of different programmatic categories, including, but not limited to, (1) Active Transportation (2) Housing, and (3) Sustainability. Based on the funding sources, each category has specific planning objectives, eligible applicants, scoring criteria, and evaluators.

Task extended/carried over to next year due to Call 4 projects being carried over. Funding source needed to be identified.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct outreach and develop partnerships for Sustainable Communities Planning (SCP) projects and other technical assistance.	Staff	07/01/2020	02/28/2022
2	Develop the Calls for Applications Guidelines, applications, scoring criteria, and lists of evaluators.	Staff	07/01/2021	02/28/2022
3	Administer the Calls for Applications for each programmatic category.	Staff	07/01/2021	01/30/2022

Product No	Product Description	Completion Date
1	Updated program website(s), presentations and other documentation of outreach activities to potential applicants.	02/28/2022
2	Call for Applications Guidelines, applications, scoring criteria, lists of evaluators, and final project lists.	02/28/2022

PROJECT: SUSTAINABLE COMMUNITIES PROGRAM (SCP) - PROJECT DELIVERY

DEPARTMENT NAME: 412 - TRANSPORTATION PLANNING & PROGRAMMING DEPT
 MANAGER: NARESH AMATYA TOTAL BUDGET: \$689,542

PROJECT DESCRIPTION

This task is to manage and oversee the delivery of SCP Grant (SB 1 Planning Grant) funded projects.

TASK: 22-275.4882.01 TASK BUDGET: \$689,542
 TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM (SCP) - PROJECT DELIVERY (FY21 SB 1 FORMULA)

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

Carryover Ongoing PROJECT MANAGER: KANA SATO-NGUYEN

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	156,501	0	0	0	156,501
Benefits	122,451	0	0	0	122,451
Indirect Cost	394,200	0	0	0	394,200
Other	16,390	0	0	0	16,390
Total	\$689,542	\$0	\$0	\$0	\$689,542

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	79,091	0	0	0	79,091
SB1 Formula	610,451	0	0	0	610,451
Total	\$689,542	\$0	\$0	\$0	\$689,542

PREVIOUS ACCOMPLISHMENTS

A framework of reporting project progress was developed to achieve more seamless communication and collaboration among various stakeholders.

16 projects from 2016 SPG program were completed in FY21, with six projects being carried over to FY22.

Four projects from 2018 SCP program were completed in FY21, with 24 projects being carried over to FY22.

16 ATP projects from 2016 SPG/2018 SCP programs were completed in FY21, with 12 projects being carried over to FY22.

Staff also worked on developing resources to achieve a more effective and efficient approach in implementing , tracking and reporting these local assistance projects.

OBJECTIVES

This task will support the implementation of the Sustainability Communities Program (SCP) Call projects and other local assistance projects that SCAG engages in. The Program serves as the primary funding vehicle where SCAG partners with local agencies to implement the goals, objectives and strategies outlined in Connect SoCal, and achieve an integrated regional development pattern that reduces greenhouse gas (GHG) emissions and Vehicle Miles Traveled (VMT), facilitates housing production, and promotes healthy, connected communities. The program consists of different programmatic categories, including, but not limited to, (1) Active Transportation (2) Housing, and (3) Sustainability.

The pandemic related impacts delayed the program schedule in FY21 and the majority of the projects needed to be



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

carried over to FY22 using tapered match. This task also needed to be extended to provide continued support to the planning activities under the Sustainable Communities Program.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Work with project sponsors and project managers to guide the projects to meet the broader objectives of the program	Staff	07/01/2020	06/30/2022
2	Provide and facilitate continuing, concerted and coordinated communications to the project managers to ensure the projects adhere to SCAG's policies and planning goals	Staff	07/01/2020	06/30/2022
3	Manage production of deliverables and schedule.	Staff	07/01/2020	06/30/2022

Product No	Product Description	Completion Date
1	Technical notes, memos and reports related to Budget and Schedule for SCP and other local assistance programs	06/30/2022

PROJECT: SUSTAINABLE COMMUNITIES PROGRAM - 2020 CALL 1 (FY22 SB 1 FORMULA)

DEPARTMENT NAME: 416 - PLANNING STRATEGY
 MANAGER: FRANK WEN TOTAL BUDGET: \$5,070,743

PROJECT DESCRIPTION

The Sustainable Communities Program Active Transportation & Safety Category (SCP-ATS) will support planning and quick build projects that would result in increased rates of walking and biking, promote traffic safety, expand opportunities for multimodal transportation options, and better position local jurisdictions to be competitive for implementation funds. Project categories include Active Transportation Plans, Safety Plans, Network Visioning and Implementation, and Quick Build projects.

TASK: 22-275.4892.01 TASK BUDGET: \$400,743
 TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM - 2020 CALL 1 (FY22 SB 1 FORMULA)

Carryover Ongoing PROJECT MANAGER: JULIA LIPPE-KLEIN

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	20,735	0	0	0	20,735
Benefits	16,224	0	0	0	16,224
Indirect Cost	52,228	0	0	0	52,228
Consultant	0	300,000	0	0	300,000
In-Kind Commits	11,556	0	0	0	11,556
Total	\$100,743	\$300,000	\$0	\$0	\$400,743

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	0	34,410	0	0	34,410
SB1 Formula	89,187	265,590	0	0	354,777
In-Kind Commits	11,556	0	0	0	11,556
Total	\$100,743	\$300,000	\$0	\$0	\$400,743

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

The Sustainable Communities Program Active Transportation & Safety Category (SCP-ATS) will support planning and quick build projects that would result in increased rates of walking and biking, promote traffic safety, expand opportunities for multimodal transportation options, and better position local jurisdictions to be competitive for implementation funds. Project categories include Active Transportation Plans, Safety Plans, Network Visioning and Implementation, and Quick Build projects.

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage and coordinate consultant work for Safety projects including preparation of scope of work monitoring project budget and schedule.	Staff	07/01/2021	02/28/2024
2	Complete local Safety Planning projects that showcase the local and regional benefits of sustainable planning and support Connect SoCal and other regional policies	Consultant	07/01/2021	02/28/2024

Product No	Product Description	Completion Date
1	Project materials for Active Transportation & Safety Planning projects (2020 Sustainable Communities Program Call 1)	02/28/2024

TASK: 22-275.4892.02 **TASK BUDGET: \$4,670,000**

TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM - 2020 CALL 1 (ATP CYCLE 5)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	4,670,000	0	0	4,670,000
Total	\$0	\$4,670,000	\$0	\$0	\$4,670,000

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	0	4,670,000	0	0	4,670,000
Total	\$0	\$4,670,000	\$0	\$0	\$4,670,000

PREVIOUS ACCOMPLISHMENTS

New Task

OBJECTIVES

The Sustainable Communities Program Active Transportation & Safety Category (SCP-ATS) will support planning and quick build projects that would result in increased rates of walking and biking, promote traffic safety, expand opportunities for multimodal transportation options, and better position local jurisdictions to be competitive for implementation funds. Project categories include Active Transportation Plans, Safety Plans, Network Visioning and Implementation, and Quick Build projects.



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage and coordinate consultant work including preparation of scope of work monitoring project budget and schedule.	Staff	07/01/2021	12/30/2025
2	Complete local Active Transportation & Safety Planning projects that showcase the local and regional benefits of sustainable planning and support Connect SoCal and other regional policies.	Consultant	07/01/2021	06/30/2025

Product No	Product Description	Completion Date
1	Project materials for Active Transportation & Safety Planning projects (2020 Sustainable Communities Program Call 1)	06/30/2025

PROJECT: MOBILITY AS A SERVICE (MAAS) FEASIBILITY WHITE PAPER (FY22 SB 1 FORMULA)

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT

MANAGER: PHILIP LAW TOTAL BUDGET: \$225,000

PROJECT DESCRIPTION

Assess the feasibility of implementing Mobility as a Service within the SCAG region, including identification of challenges and opportunities, key institutional and infrastructure needs, and an action plan.

TASK: 22-275.4893.01 TASK BUDGET: \$225,000
TASK NAME: MOBILITY AS A SERVICE (MAAS) FEASIBILITY WHITE PAPER (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: PRISCILLA FREDUAH-AGYEMANG**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	225,000	0	0	225,000
Total	\$0	\$225,000	\$0	\$0	\$225,000

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	0	25,807	0	0	25,807
SB1 Formula	0	199,193	0	0	199,193
Total	\$0	\$225,000	\$0	\$0	\$225,000

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Assess the feasibility of implementing Mobility as a Service within the SCAG region, including identification of challenges and opportunities, key institutional and infrastructure needs, and an action plan.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research best practices including review of literature and case studies	Consultant	09/01/2021	12/31/2021
2	Identify key challenges and opportunities for implementing MaaS	Consultant	12/01/2021	04/01/2022
3	Develop a strategic action plan for facilitating MaaS within the SCAG region	Consultant	04/01/2022	06/30/2022

Product No	Product Description	Completion Date
1	Draft and Final MaaS Feasibility White Paper	06/30/2022

PROJECT: SUSTAINABLE COMMUNITIES PROGRAM - 2020 CALL 3 (FY22 SB 1 FORMULA)

DEPARTMENT NAME: 416 - PLANNING STRATEGY

MANAGER: FRANK WEN

TOTAL BUDGET: \$1,089,553

PROJECT DESCRIPTION

The Smart Cities & Mobility Innovations Call supports the implementation of three Connect SoCal Key Connections: Smart Cities & Job Centers, Go Zones, and Shared Mobility/Mobility as a Service. These Key Connections focus on advancing expanded mobility ecosystems and management strategies using innovative policy and/or technology to realize regional planning goals. Resources through this Call for Applications will support local jurisdictions to use technology and innovation to improve the efficiency and performance of the transportation system by implementing curb space management measures that encourage shared modes, manage parking effectively, and support



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

commerce and the growth of housing and employment in job centers.

TASK: 22-275.4895.01 **TASK BUDGET: \$1,089,553**
TASK NAME: SUSTAINABLE COMMUNITIES PROGRAM - 2020 CALL 3 (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JULIA LIPPE-KLEIN**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	18,432	0	0	0	18,432
Benefits	14,422	0	0	0	14,422
Indirect Cost	46,427	0	0	0	46,427
Consultant	0	1,000,000	0	0	1,000,000
In-Kind Commits	10,272	0	0	0	10,272
Total	\$89,553	\$1,000,000	\$0	\$0	\$1,089,553

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	0	114,700	0	0	114,700
SB1 Formula	79,281	885,300	0	0	964,581
In-Kind Commits	10,272	0	0	0	10,272
Total	\$89,553	\$1,000,000	\$0	\$0	\$1,089,553

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

The Smart Cities & Mobility Innovations Call supports the implementation of three Connect SoCal Key Connections: Smart Cities & Job Centers, Go Zones, and Shared Mobility/Mobility as a Service. These Key Connections focus on advancing expanded mobility ecosystems and management strategies using innovative policy and/or technology to realize regional planning goals. Resources through this Call for Applications will support local jurisdictions to use technology and innovation to improve the efficiency and performance of the transportation system by implementing



PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

curb space management measures that encourage shared modes, manage parking effectively, and support commerce and the growth of housing and employment in job centers. This task is to fund all Call efforts. Currently going through the project selection process for the Smart Cities & Mobility Innovations Call. \$2M anticipated to fund up to 20 projects across the SCAG region. Funding partially in FY22.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage and coordinate consultant work including preparation of scope of work monitoring project budget and schedule.	Staff	07/01/2021	02/28/2024
2	Complete local Smart Cities & Mobility Innovations Planning projects that showcase local and regional benefits and support Connect SoCal and other regional policies.	Consultant	07/01/2021	02/28/2024

Product No	Product Description	Completion Date
1	Project materials for Smart Cities & Mobility Innovations projects (2020 Sustainable Communities Program Call 3)	02/28/2024

PROJECT: SUSTAINABLE COMMUNITIES PROGRAM - 2020 CALL 4 (FY22 SB 1 FORMULA)

DEPARTMENT NAME: 416 - PLANNING STRATEGY
 MANAGER: FRANK WEN TOTAL BUDGET: \$1,000,000

PROJECT DESCRIPTION

The Racial Equity & Environmental Justice Communities Call provides the opportunity to address the pervasive and deep inequities experienced in historically disinvested communities and communities of color. Resources through this Call align available funding with local needs, including a wide range of land-use and transportation planning activities included in SCAG's Environmental Justice Toolbox, the development of racial equity community engagement plans, plans to address the digital divide, or other efforts to promote health and equity to close the gap of racial inequities.

TASK: **22-275.4899.01** TASK BUDGET: \$1,000,000
 TASK NAME: **SUSTAINABLE COMMUNITIES PROGRAM - 2020 CALL 4 (FY22 SB 1 FORMULA)**

Carryover Ongoing PROJECT MANAGER: JULIA LIPPE-KLEIN

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	1,000,000	0	0	1,000,000
Total	\$0	\$1,000,000	\$0	\$0	\$1,000,000

PROGRAM: 275 - SUSTAINABLE COMMUNITIES PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	0	114,700	0	0	114,700
SB1 Formula	0	885,300	0	0	885,300
Total	\$0	\$1,000,000	\$0	\$0	\$1,000,000

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

The Racial Equity & Environmental Justice Communities Call provides the opportunity to address the pervasive and deep inequities experienced in historically disinvested communities and communities of color. Resources through this Call align available funding with local needs, including a wide range of land-use and transportation planning activities included in SCAG's Environmental Justice Toolbox, the development of racial equity community engagement plans, plans to address the digital divide, or other efforts to promote health and equity to close the gap of racial inequities.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage & coordinate consultant work including preparation of scope of work monitoring project budget and schedule.	Staff	01/01/2022	06/30/2023
2	Complete Racial Equity & Environmental Justice local planning projects that showcase local and regional benefits and support Connect SoCal and other regional policies.	Consultant	01/01/2022	06/30/2023

Product No	Product Description	Completion Date
1	Project Materials for Call 4 Racial Equity & Environmental Justice.	06/30/2023



PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

MANAGER: HSI-HWA HU **TOTAL BUDGET: \$5,762,235**

OBJECTIVE

The Future Communities Initiative, guided by the Emerging Technologies Committee, includes early action items aimed at harnessing the power of new technologies, big data, open data as well as enhanced analytics to promote innovation in regional and local planning and reduce transportation demand. Tools and resources provided through the initiative will enable more informed regional and local policy making, increase the efficiency of public service delivery, and ensure the financial sustainability of future cities. The Future Communities Initiative will play a key role in reducing VMT and GHG emissions by modernizing regional land-use and transportation planning tools, fostering data-driven collaboration with SCAG’s partner agencies, and providing local agencies with planning resources to pilot new technologies and initiatives to reduce travel demand.

PROJECT: FUTURE COMMUNITIES PARTNERSHIP GRANT PROGRAM

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT
MANAGER: PHILIP LAW **TOTAL BUDGET: \$1,388,529**

PROJECT DESCRIPTION

The Future Communities Partnership Grant Program is a collaboration between SCAG and the Mobile Source Air Pollution Reduction Review Committee (MSRC) to support city and county agencies in implementing innovative pilot projects that reduce vehicle miles traveled (VMT) from local travel and municipal operations through new technologies and enhanced data analytics. In Phase 1, SCAG will conduct research and analysis to identify new and innovative pilot concepts for reducing VMT, as well as identify more traditional Transportation Demand Management (TDM) strategies that may yield a greater return on investment. The findings from the research will be used to develop program guidelines for a call for projects, which will be issued in FY 2018/2019. In Phase 2, up to \$2 million in MSRC funds will be awarded to implement pilots.

*Project previously labeled as "Future Communities Partnership Grant Program: Phase 1

TASK: 22-280.4824.02 **TASK BUDGET: \$1,290,029**
TASK NAME: FUTURE COMMUNITIES PILOT PROGRAM (FY19 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: MARISA LADERACH**

PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	65,479	0	0	0	65,479
Benefits	51,233	0	0	0	51,233
Indirect Cost	164,929	0	0	0	164,929
Consultant	0	598,388	0	0	598,388
Cash/Local Other	0	410,000	0	0	410,000
Total	\$281,641	\$1,008,388	\$0	\$0	\$1,290,029

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	281,641	18,388	0	0	300,029
State Other	0	560,000	0	0	560,000
Cash/Local Other	0	430,000	0	0	430,000
Total	\$281,641	\$1,008,388	\$0	\$0	\$1,290,029

PREVIOUS ACCOMPLISHMENTS

The Future Communities Pilot Program (FCPP) has completed the majority of administrative tasks, such as scoping, budgeting, drafting MOUs, procuring and selecting consultants, and engaging with the cities to begin project work. Most pilots have implementation well underway, and for those that were delayed by the pandemic, they will be moving through implementation by the start of FY21-22.

OBJECTIVES

The Future Communities Pilot Program is a collaboration between SCAG and the Mobile Source Air Pollution Reduction Review Committee (MSRC) to support city and county agencies in implementing innovative pilot projects that reduce vehicle miles traveled (VMT) from local travel and municipal operations through new technologies and enhanced data analytics. SCAG has partnered with 8 agencies to implement pilot projects selected through a competitive Call for Proposals.

*Previously labeled as "Future Communities Pilot Program Research"

Step 3 and Product 4 are funded by non-SB1 funds



Caltrans Report

FY 2021 - 2022 OWP

PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Implement pilot projects	Staff/Consultant	07/01/2019	06/30/2022
2	Evaluate projects and prepare final report	Staff/Consultant	07/01/2020	06/30/2022
3	Complete final report for MSRC	Staff/Consultant	07/01/2020	06/30/2022

Product No	Product Description	Completion Date
1	Quarterly Progress Reports, including documentation for individual pilot projects	06/30/2022
2	Final report, presentations, and other documentation of project conclusions	06/30/2022
3	Key findings memorandum to provide synopsis of overall project	06/30/2022
4	Final report findings for MSRC	06/30/2022

TASK: 22-280.4824.03 **TASK BUDGET: \$98,500**
TASK NAME: FUTURE COMMUNITIES PILOT PROGRAM (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: MARISA LADERACH**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	98,500	0	0	98,500
Total	\$0	\$98,500	\$0	\$0	\$98,500

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	0	11,297	0	0	11,297
SB1 Formula	0	87,203	0	0	87,203
Total	\$0	\$98,500	\$0	\$0	\$98,500

PREVIOUS ACCOMPLISHMENTS

This is a new task.



PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

OBJECTIVES

This task is to augment evaluation and final reporting for the FCPP.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Evaluate projects and prepare final report and/or findings	Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Final report, presentations, and other documentation of project conclusions	06/30/2022

PROJECT: REGIONAL DATA PLATFORM

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
MANAGER: HSI-HWA HU **TOTAL BUDGET:** \$3,257,547

PROJECT DESCRIPTION

The foundation for a regional clearinghouse of public sector demographic, land-use, transportation, and public opinion data will be established. This will support regional and local planning for implementation of the SCS by (1) enhancing SCAG's existing data system capability to meet local needs for data-driven decision-making, government transparency, collaborative regional and community planning; (2) expanding SCAG's data infrastructure system, enhancing regional data standardization, performing best practices for improvements on data updates; and (3) improving system management, maintenance, and security in order to fully implement and facilitate the region's needs of open data, big data, and new technology utilization for data sharing and data visualization in innovative planning. This will result in an integrated data platform that supports the update of local general plans– including interactive dashboards that help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS.

TASK: 22-280.4832.02 **TASK BUDGET:** \$559,564
TASK NAME: REGIONAL DATA PLATFORM (FY19 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** JAVIER AGUILAR

PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	95,554	0	0	0	95,554
Benefits	74,764	0	0	0	74,764
Indirect Cost	240,683	0	0	0	240,683
Consultant	0	148,563	0	0	148,563
Total	\$411,001	\$148,563	\$0	\$0	\$559,564

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	411,001	148,563	0	0	559,564
Total	\$411,001	\$148,563	\$0	\$0	\$559,564

PREVIOUS ACCOMPLISHMENTS

The project team completed local outreach with 10 members jurisdiction to inform the development of the Regional Data Platform. As a result, the project team developed and implemented the HELPR tool and has begun the pilot phase of the project.

OBJECTIVES

The foundation for a regional clearinghouse of public sector demographic, land-use, transportation, and public opinion data will be established. This will support regional and local planning for implementation of the SCS by (1) enhancing SCAG's existing data system capability to meet local needs for data-driven decision-making, government transparency, collaborative regional and community planning; (2) expanding SCAG's data infrastructure system, enhancing regional data standardization, performing best practices for improvements on data updates; and (3) improving system management, maintenance, and security in order to fully implement and facilitate the region's needs of open data, big data, and new technology utilization for data sharing and data visualization in innovative planning. This will result in an integrated data platform that supports the update of local general plans– including interactive dashboards that help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS.

The project was delayed to adjust work due to the pandemic and social distancing guidelines.



PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct regional needs assessment of integrated data platform, including data standardization needs	Staff/Consultant	10/01/2019	08/31/2021
2	Implement and complete upgrades to SCAG's data system architecture to support a data-driven local general plan tool	Staff/Consultant	07/01/2018	08/31/2021
3	Launch interactive local general plan tool accessible to jurisdictions that serves to implement the SCS – including dashboards that help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS	Staff/Consultant	10/01/2019	08/31/2021
4	Develop web-based general plan update tool for local jurisdictions	Staff/Consultant	10/01/2019	08/31/2021
5	Develop Southern California Regional Information System (SCRIS) outreach plan and Implement approaches for collaborative data sharing, data updating, and local/regional planning	Staff/Consultant	10/01/2019	08/31/2021
6	Implement Regional Data Platform outreach plan and foster collaborative data sharing, data updating, and local/regional planning between SCAG and regional stakeholders	Staff/Consultant	10/01/2019	08/31/2021

Product No	Product Description	Completion Date
1	Document for Initial Data Infrastructure Expansion Plan and Data Management Recommendations Document (including data standardization needs, implementation steps, timeline and engagement with regional stakeholders)	08/31/2021
2	Completed upgrade to SCAG's data system architecture, including summary of actions taken (in accordance with System Architecture Design Document)	08/31/2021
3	Background documentation for foundational implementation of local general plan tool accessible to jurisdictions that serves to implement the SCS – including specifics on interactive tools that will help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS	08/31/2021
4	System Architecture Design Document detailing upgrades to be completed on SCAG's data system architecture, including summary of actions to be taken and description of process for monitoring of upgrade, including integration of usage analytics.	08/31/2021
5	Local Jurisdiction Outreach Plan, Outreach Findings Summary Report, and attendance logs for Regional Data Platform.	08/31/2021

TASK: 22-280.4832.03 **TASK BUDGET: \$1,052,390**
TASK NAME: REGIONAL DATA PLATFORM (FY20 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JAVIER AGUILAR**

PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	70,303	0	0	0	70,303
Benefits	55,007	0	0	0	55,007
Indirect Cost	177,080	0	0	0	177,080
Consultant	0	750,000	0	0	750,000
Total	\$302,390	\$750,000	\$0	\$0	\$1,052,390

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	34,684	86,025	0	0	120,709
SB1 Formula	267,706	663,975	0	0	931,681
Total	\$302,390	\$750,000	\$0	\$0	\$1,052,390

PREVIOUS ACCOMPLISHMENTS

Completed initial prototyping of the RDP. Additionally, finished 10 jurisdiction interviews to develop user stories and analysis to continue the system development.

OBJECTIVES

The foundation for a regional clearinghouse of public sector demographic, land-use, transportation, and public opinion data will be established. This will support regional and local planning for implementation of the SCS by (1) enhancing SCAG's existing data system capability to meet local needs for data-driven decision-making, government transparency, collaborative regional and community planning; (2) expanding SCAG's data infrastructure system, enhancing regional data standardization, performing best practices for improvements on data updates; and (3) improving system management, maintenance, and security in order to fully implement and facilitate the region's needs of open data, big data, and new technology utilization for data sharing and data visualization in innovative planning. This will result in an integrated data platform that supports the update of local general plans– including interactive dashboards that help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS.



PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct regional needs assessment of integrated data platform, including data standardization needs.	Staff/Consultant	01/01/2020	02/28/2022
2	Complete upgrades to SCAG's data system architecture to support a data-driven local general plan tool.	Staff/Consultant	07/01/2019	02/28/2022
3	Launch interactive local general plan tool accessible to jurisdictions that serves to implement the SCS – including dashboards that help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS.	Staff/Consultant	01/01/2020	02/28/2022
4	Develop web-based general plan update tool for local jurisdictions.	Staff/Consultant	01/01/2020	02/28/2022
5	Develop Southern California Regional Information System (SCRIS) outreach plan and Implement approaches for collaborative data sharing, data updating, and local/regional planning.	Staff/Consultant	01/01/2020	02/28/2022

Product No	Product Description	Completion Date
1	Meeting materials for SCAG staff led workshops with local jurisdictions publicizing the Regional Data Platform project, and upcoming resources available through SCAG.	02/28/2022
2	Records of education and outreach activities by SCAG staff to local jurisdictions and other stakeholders on the Regional Data Platform.	02/28/2022
3	Interactive local general plan tool accessible to jurisdictions that serve to implement the SCS - including dashboards that help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS, as well as resident engagement tools to foster local engagement for plan development through the Regional Data Platform.	02/28/2022

TASK: 22-280.4832.04 **TASK BUDGET: \$1,645,593**
TASK NAME: REGIONAL DATA PLATFORM (FY21 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JAVIER AGUILAR**

PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	20,529	0	0	0	20,529
Benefits	16,063	0	0	0	16,063
Indirect Cost	51,708	0	0	0	51,708
Other	271,793	0	0	0	271,793
Consultant	0	1,285,500	0	0	1,285,500
Total	\$360,093	\$1,285,500	\$0	\$0	\$1,645,593

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	41,302	235,977	0	0	277,279
SB1 Formula	318,791	1,049,523	0	0	1,368,314
Total	\$360,093	\$1,285,500	\$0	\$0	\$1,645,593

PREVIOUS ACCOMPLISHMENTS

Developing technical diagram laying out the service schematics for the cloud.

OBJECTIVES

The foundation for a regional clearinghouse of public sector demographic, land-use, transportation, and public opinion data will be established. This will support regional and local planning for implementation of the SCS by (1) enhancing SCAG's existing data system capability to meet local needs for data-driven decision-making, government transparency, collaborative regional and community planning; (2) expanding SCAG's data infrastructure system, enhancing regional data standardization, performing best practices for improvements on data updates; and (3) improving system management, maintenance, and security in order to fully implement and facilitate the region's needs of open data, big data, and new technology utilization for data sharing and data visualization in innovative planning. This will result in an integrated data platform that supports the update of local general plans— including interactive dashboards that help local jurisdictions make decisions according to sustainability metrics included in SCAG's SCS.

This task primarily focuses on the cloud infrastructure development component of the RDP project . The cloud infrastructure will help provide to the local jurisdictions the essential and new data elements and tools, which can help them produce plans and studies. The cloud infrastructure outputs may include but not limited to the followings: hosted services during the development of the Regional Data Platform, ensuring the availability and reliability of the



PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

system, various environments with servers, virtual desktops with ArcGIS Pro, data storage, virtual network infrastructure, automatic data updates, complete system backups, Microsoft Windows Server 2016 for all server systems, and 24/7 system monitoring.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop cloud hosting infrastructure to support the Regional Data Platform tool development	Staff/Consultant	07/01/2020	02/28/2023

Product No	Product Description	Completion Date
1	Technical diagram laying out the services schematics in the cloud system	02/28/2023

PROJECT: REGIONAL AERIAL AND RELATED PRODUCT CAPTURE

DEPARTMENT NAME: 425 - MODELING & FORECASTING DEPT.
 MANAGER: HSI-HWA HU TOTAL BUDGET: \$1,116,159

PROJECT DESCRIPTION

Acquisition of orthogonal imagery with Near Infrared, obliques images, building outlines, and digital terrain data will serve to track changes in assets, land use, vegetation, water bodies, and other importation features. These data will be essential in our base condition, trend analysis, and predictive modeling of travel, land use, and climate change. These data sets and analyses will be central to the 2024 RTP, 2028 RTP, and 2032 RTP, as well as other planning studies that are to be conducted between those periods.

TASK: **22-280.4859.01** TASK BUDGET: \$221,294
 TASK NAME: **REGIONAL AERIAL AND RELATED PRODUCT CAPTURE (FY20 SB1 FORMULA)**

Carryover Ongoing PROJECT MANAGER: JAVIER AGUILAR

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	37,499	0	0	0	37,499
Benefits	29,341	0	0	0	29,341
Indirect Cost	94,454	0	0	0	94,454
Consultant	0	60,000	0	0	60,000
Total	\$161,294	\$60,000	\$0	\$0	\$221,294

PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	18,500	6,882	0	0	25,382
SB1 Formula	142,794	53,118	0	0	195,912
Total	\$161,294	\$60,000	\$0	\$0	\$221,294

PREVIOUS ACCOMPLISHMENTS

Captured imagery in Orange County and established a 22 member consortium to burden the cost.

OBJECTIVES

Acquisition of orthogonal imagery with Near Infrared, building outlines, and digital terrain data will serve to track changes in assets, land use, vegetation, water bodies, and other important features. These data will be essential in our base condition, trend analysis, and predictive modeling of travel, land use, and climate change. These data sets and analyses will be central to the 2024 RTP, 2028 RTP, and 2032 RTP, as well as other planning studies that are to be conducted between those periods.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Establish a consortium(s) of stakeholders to defray project costs and data sharing	Staff	07/01/2019	02/28/2022
2	Issue project charter and agreement(s) between stakeholders	Staff	07/01/2019	02/28/2022
3	Monitor aerial acquisition and processing, including QA	Staff	10/01/2019	02/28/2022
4	Disseminate data to all stakeholders	Staff/Consultant	10/01/2019	02/28/2022
5	Develop Training materials	Consultant	10/01/2019	02/28/2022

Product No	Product Description	Completion Date
1	Project charters (Counties of LA, Riverside, and Orange)	02/28/2022
2	Orthogonal aerial with infrared (Counties of LA, Riverside, and Orange)	02/28/2022
3	Imagery viewer (Counties of LA, Riverside, and Orange)	02/28/2022
4	Building foot outlines and elevations (Counties of LA, Riverside, and Orange)	02/28/2022
5	Training materials (Counties of LA, Riverside, and Orange)	02/28/2022



PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

TASK: 22-280.4859.02 **TASK BUDGET: \$894,865**
TASK NAME: REGIONAL AERIAL AND RELATED PRODUCT CAPTURE (FY21 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: JAVIER AGUILAR**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	33,680	0	0	0	33,680
Benefits	26,352	0	0	0	26,352
Indirect Cost	84,833	0	0	0	84,833
Consultant	0	750,000	0	0	750,000
Total	\$144,865	\$750,000	\$0	\$0	\$894,865

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	144,865	86,025	0	0	230,890
SB1 Formula	0	663,975	0	0	663,975
Total	\$144,865	\$750,000	\$0	\$0	\$894,865

PREVIOUS ACCOMPLISHMENTS

Worked with Imperial County to issue an RFP for imagery acquisition. Working with Ventura County consortium and San Bernardino County of agreements to acquire imagery.

OBJECTIVES

Acquisition of orthogonal imagery with Near Infrared, building outlines, and digital terrain data will serve to track changes in assets, land use, vegetation, water bodies, and other important features. These data will be essential in our base condition, trend analysis, and predictive modeling of travel, land use, and climate change. These data sets and analyses will be central to the 2024 RTP, 2028 RTP, and 2032 RTP, as well as other planning studies that are to be conducted between those periods.

PROGRAM: 280 - FUTURE COMMUNITIES INITIATIVE

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Establish collaboration to reduce project costs	Staff	07/01/2020	02/28/2023
2	Issue project agreement between stakeholders	Staff	07/01/2020	02/28/2023
3	Monitor data acquisition, including QA	Staff	07/01/2020	02/28/2023
4	Disseminate data to stakeholders	Staff	07/01/2020	02/28/2023
5	Develop training materials	Consultant	07/01/2020	02/28/2023

Product No	Product Description	Completion Date
1	Project agreements and charter (Counties of San Bernardino, Imperial, and Ventura)	02/28/2023
2	Orthogonal Imagery with Infrared band (Counties of San Bernardino, Imperial, and Ventura)	02/28/2023
3	Imagery viewer (Counties of San Bernardino, Imperial, and Ventura)	02/28/2023
4	Building outlines with elevations (Counties of San Bernardino, Imperial, and Ventura)	02/28/2023
5	Training materials (Counties of San Bernardino, Imperial, and Ventura)	02/28/2023



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$5,323,268

OBJECTIVE

SCAG staff initiated implementation of the 2016 RTP/SCS immediately after its adoption, and has since launched research, planning and studies in preparation for the 2020 SCS. Much of SCAG's research and planning is focused on reducing single occupancy vehicle trips and transportation related GHG through: advancing mode shift; transportation demand management; operational efficiency; system accessibility; and integration of future transportation, employment and land use.

PROJECT: MOBILITY INNOVATIONS & INCENTIVES – REVEALED PREFERENCE DEMONSTRATION STUDY

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.
MANAGER: ANNIE NAM **TOTAL BUDGET:** \$791,226

PROJECT DESCRIPTION

A revealed preference demonstration experiment will be designed and executed integrating mobility choices and incentives to better understand the effectiveness of different TDM policies. This experiment will involve recruiting volunteers within various travel areas and using technology to assess the effectiveness of different TDM policies and mobility services. Before-and-after volunteer assessments will be conducted.

TASK: 22-290.4827.02 **TASK BUDGET:** \$291,226
TASK NAME: MOBILITY INNOVATIONS & INCENTIVES - REVEALED PREFERENCE DEMONSTRATION STUDY (FY19 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** ANNIE NAM

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	27,490	0	0	0	27,490
Benefits	21,509	0	0	0	21,509
Indirect Cost	69,242	0	0	0	69,242
Consultant	0	128,000	0	0	128,000
Non-Profits/IHL	0	0	0	44,985	44,985
Total	\$118,241	\$128,000	\$0	\$44,985	\$291,226

PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	118,241	128,000	0	44,985	291,226
Total	\$118,241	\$128,000	\$0	\$44,985	\$291,226

PREVIOUS ACCOMPLISHMENTS

Acquisition of baseline travel behavior data and initiation of online surveys.

OBJECTIVES

A revealed preference demonstration experiment will be designed and executed integrating mobility choices and incentives to better understand the effectiveness of different TDM policies. This experiment will involve recruiting volunteers within various travel areas and using technology to assess the effectiveness of different TDM policies and mobility services. Before-and-after volunteer assessments will be conducted.

Extended to Aug 31. Funding expired in February so using tapered/delayed match approach was approved by Caltrans and therefore the end dates have been extended through Aug 31.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research and design for assessment of travel behavior and sentiment	Staff/Consultant	10/01/2019	08/31/2021
2	Conduct travel behavior and sentiment survey	Staff/Consultant	10/01/2019	08/31/2021
3	Analyze survey results and travel trends	Staff/Consultant	10/01/2019	08/31/2021

Product No	Product Description	Completion Date
1	Draft final report	08/31/2021

TASK: 22-290.4827.03 **TASK BUDGET: \$500,000**
TASK NAME: MOBILITY INNOVATIONS & INCENTIVES STUDY (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: ANNIE NAM**

PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Consultant	0	440,000	0	0	440,000
Non-Profits/IHL	0	0	0	60,000	60,000
Total	\$0	\$440,000	\$0	\$60,000	\$500,000

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	0	50,468	0	6,882	57,350
SB1 Formula	0	389,532	0	53,118	442,650
Total	\$0	\$440,000	\$0	\$60,000	\$500,000

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

A revealed preference demonstration experiment will be designed and executed integrating mobility choices and incentives to better understand the effectiveness of different policies . This experiment will involve recruiting volunteers within various travel areas and using technology to assess the effectiveness of different policies and mobility services.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research and design of revealed preference demonstration including technology assessment.	Staff/Consultant	07/01/2021	02/28/2024
2	Recruitment and assessment of volunteer respondents.	Consultant	07/01/2021	02/28/2024
3	Execution & Analysis of revealed preference demonstration.	Consultant	07/01/2021	02/28/2024
4	Develop Draft/Final Report	Consultant	07/01/2021	02/28/2024

Product No	Product Description	Completion Date
1	Draft final report	02/28/2024



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

PROJECT: MOBILITY INNOVATIONS & INCENTIVES – EQUITY ANALYSIS

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.
MANAGER: ANNIE NAM **TOTAL BUDGET:** \$282,936

PROJECT DESCRIPTION

SCAG will expand on existing mobility innovation efforts to develop a methodology to determine equity impacts of proposed mobility innovations and incentives strategies. Households of varying income levels and Disadvantaged Community stakeholders will be engaged to develop a consensus driven equity program.

TASK: 22-290.4828.02 **TASK BUDGET:** \$282,936
TASK NAME: MOBILITY INNOVATIONS & INCENTIVES - EQUITY ANALYSIS (FY19 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** ANNIE NAM

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	20,856	0	0	0	20,856
Benefits	16,319	0	0	0	16,319
Indirect Cost	52,533	0	0	0	52,533
Consultant	0	150,000	0	0	150,000
Non-Profits/IHL	0	0	0	43,228	43,228
Total	\$89,708	\$150,000	\$0	\$43,228	\$282,936

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	89,708	150,000	0	43,228	282,936
Total	\$89,708	\$150,000	\$0	\$43,228	\$282,936



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

PREVIOUS ACCOMPLISHMENTS

Acquisition of baseline travel behavior data and initiation of online surveys.

OBJECTIVES

SCAG will expand on existing mobility innovation efforts to develop a methodology to determine equity impacts of proposed mobility innovations and incentives strategies. Households of varying income levels and Disadvantaged Community stakeholders will be engaged to develop a consensus driven equity program.

Extended to Aug 31. Funding expired in February so using tapered/delayed match approach was approved by Caltrans and therefore the end dates have been extended through Aug 31.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research strategies for inclusive equity-driven research design	Staff/Consultant	10/01/2019	08/31/2021
2	Engage stakeholders on equity inclusive strategies	Staff/Consultant	10/01/2019	08/31/2021

Product No	Product Description	Completion Date
1	Draft final report	08/31/2021

PROJECT: INTEGRATED PASSENGER AND FREIGHT RAIL FORECAST

DEPARTMENT NAME: 417 - MOBILITY PLANNING AND MANAGEMENT

MANAGER: PHILIP LAW **TOTAL BUDGET: \$125,158**

PROJECT DESCRIPTION

An integrated passenger and freight rail forecast will be developed that considers existing physical and operational constraints, use agreements, and planned capacity improvements. An advisory committee will include the region's ports, county transportation commissions, Metrolink, freights, Caltrans and other stakeholders. Planned and potential future capital improvements will be identified for inclusion in the 2020 RTP/SCS.

TASK: 22-290.4829.02 **TASK BUDGET: \$125,158**
TASK NAME: INTEGRATED PASSENGER AND FREIGHT RAIL FORECAST (FY20 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: STEPHEN FOX**

PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	933	0	0	0	933
Benefits	730	0	0	0	730
Indirect Cost	2,350	0	0	0	2,350
Consultant	0	121,145	0	0	121,145
Total	\$4,013	\$121,145	\$0	\$0	\$125,158

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	4,013	13,895	0	0	17,908
SB1 Formula	0	107,250	0	0	107,250
Total	\$4,013	\$121,145	\$0	\$0	\$125,158

PREVIOUS ACCOMPLISHMENTS

The study existing and future conditions was completed and the RTC rail simulation forecasts were also completed.

OBJECTIVES

An integrated passenger and freight rail forecast will be developed that considers existing physical and operational constraints, use agreements, and planned capacity improvements. An advisory committee will include the region's ports, county transportation commissions, Metrolink, freights, Caltrans and other stakeholders. Planned and potential future capital improvements will be identified for inclusion in the 2020 RTP/SCS.

Dates have been extended to reflect extension of work effort and extension of contract .



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PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Conduct agency coordination	Consultant	07/01/2021	12/31/2021
2	Collect data and conduct baseline assessment	Consultant	10/01/2019	06/30/2020
3	Develop integrated passenger and freight rail forecast and identify potential capital improvements	Consultant	10/01/2019	08/31/2020
4	Develop Cost Estimate and Funding Strategy	Consultant	07/01/2021	12/31/2021
5	Develop Shared Use Strategy and Corridor Identification	Consultant	07/01/2021	12/31/2021
6	Develop Final Report	Consultant	07/01/2021	12/31/2021

Product No	Product Description	Completion Date
1	Final rail forecasts and emission analysis	06/30/2021
2	Cost estimates, methodology, and fund strategies report	12/31/2021
3	Shared use strategy report	12/31/2021
4	Strategic corridor report	12/31/2021
5	Final Report and presentation materials	12/31/2021

PROJECT: HOUSING MONITORING FOR SCS

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.

MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$65,571

PROJECT DESCRIPTION

Coordination with jurisdictions is essential to address barriers and opportunities to housing production in transit rich areas consistent with established Regional Housing Needs Assessment (RHNA) allocations. Recommendations of the completed housing opportunities and barriers study will be used to monitor and advance the 2020 SCS with jurisdictions and stakeholders.

TASK: 22-290.4830.03 **TASK BUDGET:** \$65,571
TASK NAME: HOUSING MONITORING FOR SCS (FY21 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** GRIEG ASHER

PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	15,245	0	0	0	15,245
Benefits	11,928	0	0	0	11,928
Indirect Cost	38,398	0	0	0	38,398
Total	\$65,571	\$0	\$0	\$0	\$65,571

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	7,521	0	0	0	7,521
SB1 Formula	58,050	0	0	0	58,050
Total	\$65,571	\$0	\$0	\$0	\$65,571

PREVIOUS ACCOMPLISHMENTS

Stakeholder survey completed; Two Convenings held; Literature review completed; planning for third and last convening underway.

OBJECTIVES

Identify potential strategies and tools to expedite the production of housing by further investigating opportunities and barriers to producing units of all types for households of all ages, sizes and income levels to assist cities in the SCAG region in meeting state transportation, Regional Housing Needs Allocation (RHNA), housing, and climate goals, as well as implementing Senate Bill 375 (SB 375) through Connect SoCal. Additional analysis and stakeholder consultation will be completed as needed to further address housing production in the SCAG region in connection with SCS implementation and consistent with recommendations included in the completed housing opportunities and barriers study.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Coordinate with jurisdictions to address barriers and opportunities to housing production in transit rich areas	Staff/Consultant	07/01/2020	06/30/2022
2	Monitor and advance the recommendations of the housing opportunities and barriers study with jurisdictions and stakeholders	Staff/Consultant	07/01/2020	06/30/2022



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

Product No	Product Description	Completion Date
1	Outreach records and workplan for engaging jurisdictions, as applicable.	06/30/2022

PROJECT: HQTAs/SUSTAINABLE COMMUNITIES INITIATIVE

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
 MANAGER: JASON GREENSPAN TOTAL BUDGET: \$96,207

PROJECT DESCRIPTION

The SCAG region, home to about 18.3 million people in 2012, currently features 5.9 million households and 7.4 million jobs. By 2040, the 2016 RTP/SCS projects that these figures will increase by 3.8 million people, with nearly 1.5 million more homes and 2.4 million more jobs. The 2016 RTP/SCS projects and anticipates an overall land use pattern that reinforces the trend of focusing new housing and employment in the region's High Quality Transit Areas (HQTAs). Consensus will need to be reached to ensure these patterns can be achieved, will reinforce VMT and GHG reductions, and will support transit oriented development. A pilot project approach will be developed to identify and analyze issues that relate to integration of regional transportation and community goals and objectives in land use to better determine context-sensitive approaches for supporting growth in HQTAs in a variety of regional settings.

High-Quality Transit Areas (HQTAs) are generally walkable transit villages or corridors, consistent with the 2016 RTP/SCS and are within one half-mile of a well-served transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours.

An HQTAs is based on the language in SB 375 which defines:

- Major Transit Stop - A site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods (CA Public Resource Code Section 21064.3).
- HQTAs High-Quality Transit Corridor – A corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours.

TASK: **22-290.4852.01** TASK BUDGET: \$96,207
 TASK NAME: **HQTAs/SUSTAINABLE COMMUNITIES INITIATIVE (FY20 SB 1 FORMULA)**

Carryover Ongoing PROJECT MANAGER: GRIEG ASHER

PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	9,347	0	0	0	9,347
Benefits	7,314	0	0	0	7,314
Indirect Cost	23,543	0	0	0	23,543
Travel	3,000	0	0	0	3,000
Other	33,003	0	0	0	33,003
Consultant	0	20,000	0	0	20,000
Total	\$76,207	\$20,000	\$0	\$0	\$96,207

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	76,207	2,294	0	0	78,501
SB1 Formula	0	17,706	0	0	17,706
Total	\$76,207	\$20,000	\$0	\$0	\$96,207

PREVIOUS ACCOMPLISHMENTS

A client City was identified for the work.

OBJECTIVES

The SCAG region, home to about 19 million people in 2016, currently features about 6 million households and 7.5 million jobs. By 2040, the 2020 RTP/SCS projects that these figures will increase by about 3.5 million people, with nearly 2 million more homes and 2.5 million more jobs. The 2020 RTP/SCS projects and anticipates an overall land use pattern that reinforces the trend of focusing new housing and employment in the region's Priority Growth Areas, such as High Quality Transit Areas (HQTAs). Consensus will need to be reached to ensure these patterns can be achieved, will reinforce VMT and GHG reductions, and will support transit oriented development. A series of pilot projects developed best practices that relate to integration of regional transportation and community goals and objectives in land use to better determine context-sensitive approaches for supporting growth in HQTAs in a variety of regional settings. This project will take lessons learned from the pilots to link housing production, equity outcomes, job center access, and inclusive economic recovery strategies.

High-Quality Transit Areas (HQTAs) are generally walkable transit villages or corridors, consistent with the 2016 RTP/SCS and are within one half-mile of a well-served transit stop or a transit corridor with 15-minute or less



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

service frequency during peak commute hours.

An HQTAs is based on the language in SB 375 which defines:

- Major Transit Stop - A site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods (CA Public Resource Code Section 21064.3).
- HQTAs High-Quality Transit Corridor – A corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Coordinate with jurisdictions	Staff/Consultant	08/01/2019	06/30/2022
2	Provide technical assistance as needed to member jurisdictions to advance the HQTAs policies and programs developed in the pilots	Staff/Consultant	08/01/2019	06/30/2022

Product No	Product Description	Completion Date
1	Outreach records and workplan for engaging jurisdictions, as applicable	06/30/2022

PROJECT: OPEN SPACE STRATEGIC PLAN

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
 MANAGER: JASON GREENSPAN TOTAL BUDGET: \$629,149

PROJECT DESCRIPTION

To implement key provisions of the Regional Transportation Plan and Sustainable Communities Strategy by crafting an Open Space and Natural Lands Mitigation Program. Continue to engage partners and stakeholders on potential approaches to prioritize Open Space resources in the SCAG region. Establish approaches to implement regional Open Space related policies and recommendations.

TASK: 22-290.4862.01 TASK BUDGET: \$93,828
 TASK NAME: REGIONAL PLANNING FOR OPEN SPACE STRATEGIC PLAN (FY19 SB 1 FORMULA)

Carryover Ongoing PROJECT MANAGER: INDIA BROOKOVER

PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	16,281	0	0	0	16,281
Benefits	12,739	0	0	0	12,739
Indirect Cost	41,008	0	0	0	41,008
Other	8,800	0	0	0	8,800
Non-Profits/IHL	0	0	0	15,000	15,000
Total	\$78,828	\$0	\$0	\$15,000	\$93,828

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	78,828	0	0	15,000	93,828
Total	\$78,828	\$0	\$0	\$15,000	\$93,828

PREVIOUS ACCOMPLISHMENTS

Created outreach strategy and identified targeted stakeholders; and convened steering committee and advisory groups. Developed and implemented new process for providing honorarium payment for stakeholders from community-based organizations and non-profits. Developed and refined Goals and Objectives. Engaged groups to identify and finalize themes for tool. Reviewed existing data and identified new data to add to inventory. Engaged stakeholders to participate in Rapid Assessments. Developed conservation metrics and reporting framework for associated data.

OBJECTIVES

Develop the Regional Greenprint, a strategic web-based conservation tool that provides the best available scientific data and scenario visualizations to help users make better-informed land use and transportation infrastructure decisions that recognize the multiple benefits of conserving natural and working lands. The final Greenprint tool and accompanying white paper will be used to help SCAG establish a Regional Advance Mitigation Program, a goal outlined in Connect SoCal.

Non-Profit/IHL budget for partnerships with other governmental entities, public universities, institutes of higher education, and non-profit organizations is being programmed under this task. These contracts would meet the requirements outlined in the State Contracting Manual, Section 3.06 Contracts with Other Governmental Entities and Public Universities, and Section 3.15 Contracts with Non-Profit Organizations. Additionally, institutes of higher education would meet the definition in 20 U.S.C. 1001, Chapter 28.

The steps and product end dates were extended because Caltrans approved to extend the match funding to August



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PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

31st.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Hold annual kick-off meetings	Staff/Consultant	07/01/2019	08/31/2021
2	Draft tool wireframe and mock-ups	Staff/Consultant	07/01/2019	08/31/2021
3	Finalize data inventory	Staff/Consultant	07/01/2019	08/31/2021

Product No	Product Description	Completion Date
1	List of Greenprint Themes	08/31/2021
2	Draft and Final Data Inventory	08/31/2021
3	Kick-off meeting agenda and materials	08/31/2021
4	Screenshots of wireframe and mock-ups	08/31/2021

TASK: 22-290.4862.02 **TASK BUDGET:** \$384,916
TASK NAME: REGIONAL PLANNING FOR OPEN SPACE STRATEGIC PLAN (FY21 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** INDIA BROOKOVER

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	34,129	0	0	0	34,129
Benefits	26,704	0	0	0	26,704
Indirect Cost	85,964	0	0	0	85,964
Other	5,200	0	0	0	5,200
Non-Profits/IHL	0	0	0	232,919	232,919
Total	\$151,997	\$0	\$0	\$232,919	\$384,916

PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	151,997	0	0	26,715	178,712
SB1 Formula	0	0	0	206,204	206,204
Total	\$151,997	\$0	\$0	\$232,919	\$384,916

PREVIOUS ACCOMPLISHMENTS

Created outreach strategy and identified targeted stakeholders; and convened steering committee and advisory groups. Developed and implemented new process for providing honorarium payment for stakeholders from community-based organizations and non-profits. Developed and refined Goals and Objectives. Engaged groups to identify and finalize themes for tool. Reviewed existing data and identified new data to add to inventory. Engaged stakeholders to participate in Rapid Assessments. Developed conservation metrics and reporting framework for associated data.

OBJECTIVES

Develop the Regional Greenprint, a strategic web-based conservation tool that provides the best available scientific data and scenario visualizations to help users make better-informed land use and transportation infrastructure decisions that recognize the multiple benefits of conserving natural and working lands. The final Greenprint tool and accompanying white paper will be used to help SCAG establish a Regional Advance Mitigation Program, a goal outlined in Connect SoCal.

Non-Profit/IHL budget for partnerships with other governmental entities, public universities, institutes of higher education, and non-profit organizations is being programmed under this task. These contracts would meet the requirements outlined in the State Contracting Manual, Section 3.06 Contracts with Other Governmental Entities and Public Universities, and Section 3.15 Contracts with Non-Profit Organizations. Additionally, institutes of higher education would meet the definition in 20 U.S.C. 1001, Chapter 28.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Hold the stakeholder feedback and launch Greenprint	Staff/Consultant	03/01/2021	06/30/2022
2	Perform the tool development	Staff/Consultant	03/01/2021	06/30/2022
3	Draft the implementation reports	Staff/Consultant	03/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Case study memorandum and agendas from regional workshops	06/30/2022
2	Screenshots of Greenprint website	06/30/2022
3	Final report on Regional Advance Mitigation Planning and Greenprint Implementation	06/30/2022



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

TASK: 22-290.4862.03 **TASK BUDGET: \$150,405**
TASK NAME: REGIONAL PLANNING FOR OPEN SPACE STRATEGIC PLAN (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER: INDIA BROOKOVER**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Other	64,000	0	0	0	64,000
Non-Profits/IHL	0	0	0	78,113	78,113
In-Kind Commits	8,292	0	0	0	8,292
Total	\$72,292	\$0	\$0	\$78,113	\$150,405

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	0	0	0	8,959	8,959
SB1 Formula	64,000	0	0	69,154	133,154
In-Kind Commits	8,292	0	0	0	8,292
Total	\$72,292	\$0	\$0	\$78,113	\$150,405

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Develop the Regional Greenprint, a strategic web-based conservation tool that provides the best available scientific data and scenario visualizations to help users make better-informed land use and transportation infrastructure decisions that recognize the multiple benefits of conserving natural and working lands. The final Greenprint tool and accompanying white paper will be used to help SCAG establish a Regional Advance Mitigation Program, a goal outlined in Connect SoCal.

Non-Profit/IHL budget for partnerships with other governmental entities, public universities, institutes of higher education, and non-profit organizations is being programmed under this task. These contracts would meet the requirements outlined in the State Contracting Manual, Section 3.06 Contracts with Other Governmental Entities and Public Universities, and Section 3.15 Contracts with Non-Profit Organizations. Additionally, institutes of higher education would meet the definition in 20 U.S.C. 1001, Chapter 28.



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PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Hold Stakeholder feedback events and launch Greenprint	Consultant	03/01/2021	06/30/2022
2	Perform the tool development	Consultant	03/01/2021	06/30/2022
3	Draft the implementation reports	Consultant	03/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Case study memorandum and agendas from regional workshops	06/30/2022
2	Screenshots from Greenprint website	06/30/2022
3	Final Report on Regional Advance Mitigation Program	06/30/2022

PROJECT: CONNECT SOCAL IMPLEMENTATION

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$2,896,225

PROJECT DESCRIPTION

This project will enable staff to identify meaningful ways to support implementation of Connect SoCal whether by adapting existing programs within SCAG or by supporting local jurisdictions in new ways. The framework produced will help to ensure a coordinated approach to implementation support.

TASK: 22-290.4871.01 **TASK BUDGET:** \$1,406,953
TASK NAME: CONNECT SOCAL IMPLEMENTATION (FY21 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** MARCO ANDERSON



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	262,280	0	0	0	262,280
Benefits	205,217	0	0	0	205,217
Indirect Cost	660,642	0	0	0	660,642
Other	117,436	0	0	0	117,436
In-Kind Commits	161,378	0	0	0	161,378
Total	\$1,406,953	\$0	\$0	\$0	\$1,406,953

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
SB1 Formula	1,245,575	0	0	0	1,245,575
In-Kind Commits	161,378	0	0	0	161,378
Total	\$1,406,953	\$0	\$0	\$0	\$1,406,953

PREVIOUS ACCOMPLISHMENTS

After an extensive, collaborative process HR and the planning program managers concluded the recruitment. SCAG received over 900 applications for the 11 open positions (3 of which are funded by AB101 State Housing Program funds. Jr. Planners started January 11 2021

OBJECTIVES

This task will enable staff to identify meaningful ways to support implementation of Connect SoCal whether by adapting existing programs within SCAG or by supporting local jurisdictions in new ways. The framework produced will help ensure a coordinated approach to implementation support. Staff assigned to this task will be distributed throughout the agency to support research, data collection, analysis, outreach, and organizational support.



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PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Meet with internal and external stakeholders to collect data implementation of Connect SoCal	Staff	07/01/2020	06/30/2022
2	Identify cross-sectional opportunities for plan implementation and support research integration	Staff	10/01/2020	06/30/2022
3	Draft ongoing work plan for implementation programs including potential new grant funded opportunities	Staff	10/01/2020	06/30/2022

Product No	Product Description	Completion Date
1	Work plan for Connect SoCal implementation and research efforts	06/30/2022
2	Research products from cross-sectional Connect SoCal implementation efforts (databases, white papers, GIS products)	06/30/2022

TASK: 22-290.4871.02 **TASK BUDGET:** \$1,489,272
TASK NAME: CONNECT SOCIAL IMPLEMENTATION (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** MARCO ANDERSON

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Other	1,318,452	0	0	0	1,318,452
In-Kind Commits	170,820	0	0	0	170,820
Total	\$1,489,272	\$0	\$0	\$0	\$1,489,272

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
SB1 Formula	1,318,452	0	0	0	1,318,452
In-Kind Commits	170,820	0	0	0	170,820
Total	\$1,489,272	\$0	\$0	\$0	\$1,489,272

PREVIOUS ACCOMPLISHMENTS

This is a new task.



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

OBJECTIVES

This task supports cross-functional work that touches on many other Connect SoCal related areas of the OWP. With the increased oversight being exercised by the California Air Resources Board, it is more important than ever to ensure that SCAG's work is not limited to silos by transportation mode, or by whether the work generates data analysis or policy development. The Connect SoCal Implementation framework and staff report presented to the Regional Council in September 2020 identifies how the Core Vision and Key Connections elements of the plan will be implemented through various studies, projects, and pilot programs. For example, the Accelerating Electrification Key Connection is implemented in the area of medium and heavy duty vehicles through the Last Mile Freight Program (22-315.4898.01), and in the passenger vehicle area through the Electric Vehicle (EV) Program Readiness Strategies (22-065.0137.12). This task provides resources to coordinate those efforts, and many others, in meeting the objectives of Connect SoCal. This task will enable staff to identify meaningful ways to support implementation of Connect SoCal whether by adapting existing programs within SCAG or by supporting local jurisdictions in new ways. The framework produced will help ensure a coordinated approach to implementation support. Staff assigned to this task will be distributed throughout the agency to support research, data collection, analysis, outreach, and organizational support.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Meet with internal and external stakeholders to collect data implementation of Connect SoCal	Staff	07/01/2021	06/30/2023
2	Identify cross-sectional opportunities for plan implementation and support research integration	Staff	10/01/2021	06/30/2023
3	Draft ongoing work plan for implementation programs including potential new grant funded opportunities	Staff	10/01/2021	06/30/2023

Product No	Product Description	Completion Date
1	Work plan for Connect SoCal implementation and research efforts	06/30/2023
2	Research products from cross-sectional Connect SoCal implementation efforts (databases, white papers, GIS products)	06/30/2023

PROJECT: REGIONAL RESILIENCY ANALYSIS (FY22 SB 1 FORMULA)

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
 MANAGER: JASON GREENSPAN TOTAL BUDGET: \$436,796

PROJECT DESCRIPTION

Define "regional resilience", establish related goals and objectives, identify potential degree of disruptions to the region resulting from natural hazards, create a resilience framework for integration into the 2024 RTP/SCS



PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

TASK: 22-290.4896.01 **TASK BUDGET:** \$436,796

TASK NAME: REGIONAL RESILIENCY ANALYSIS (FY22 SB 1 FORMULA)

Carryover Ongoing **PROJECT MANAGER:** JASON GREENSPAN

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Other	165,370	0	0	0	165,370
Consultant	0	250,000	0	0	250,000
In-Kind Commits	21,426	0	0	0	21,426
Total	\$186,796	\$250,000	\$0	\$0	\$436,796

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
TDA	0	28,675	0	0	28,675
SB1 Formula	165,370	221,325	0	0	386,695
In-Kind Commits	21,426	0	0	0	21,426
Total	\$186,796	\$250,000	\$0	\$0	\$436,796

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Define "regional resilience", establish related goals and objectives, identify potential degree of disruptions to the region resulting from natural hazards, create a resilience framework for integration into the 2024 RTP/SCS



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PROGRAM: 290 - RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Research resilience best practices and strategies to address and prepare for near- and long-term disruptions to the SCAG region	Consultant	07/01/2021	06/30/2022
2	Engage with key stakeholders, including local jurisdictions, subregional agencies, and regional working groups	Consultant	07/01/2021	06/30/2022
3	Develop an exploratory scenario planning process that aligns with 2024 RTP/SCS modeling and plan development	Consultant	07/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Strategies and best practices for inclusion into the 2024 RTP/SCS	06/30/2022
2	Meeting agendas, materials, and reports of stakeholder outreach	06/30/2022
3	Resilience framework and data layers to be integrated into the 2024 RTP/SCS modeling process	06/30/2022



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$47,471,023

OBJECTIVE

To accelerate housing production regionwide, SCAG staff will develop a variety of programs to assist local jurisdictions, subregional partners, and stakeholders. The REAP grants program is intended to promote housing through planning, strategies, and best practices and SCAG staff will encourage the coordination of REAP funding directed toward jurisdictions with other Statewide funding sources directly provided to jurisdictions. The REAP grants program will provide education and technical assistance throughout the region to meet housing need.

PROJECT: REAP GRANT SUSTAINABLE COMMUNITIES STRATEGIES (SCS) INTEGRATION (AB 101)

DEPARTMENT NAME: 426 - SUSTAINABILITY DEPT.
MANAGER: JASON GREENSPAN **TOTAL BUDGET:** \$9,743,116

PROJECT DESCRIPTION

This program will provide resources and direct technical assistance to jurisdictions to complete important local planning efforts that both accelerate housing production as well as enable implementation of the Sustainable Communities Strategy (SCS), also known as Connect SoCal.

TASK: 22-300.4887.01 **TASK BUDGET:** \$5,448,979
TASK NAME: 2020 SUSTAINABLE COMMUNITIES PROGRAM (SCP) - HOUSING AND SUSTAINABLE DEVELOPMENT (HSD) (AB 101)

Carryover Ongoing **PROJECT MANAGER:** GRIEG ASHER

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	98,468	0	0	0	98,468
Benefits	77,045	0	0	0	77,045
Indirect Cost	248,024	0	0	0	248,024
Other	25,442	0	0	0	25,442
Consultant	0	5,000,000	0	0	5,000,000
Total	\$448,979	\$5,000,000	\$0	\$0	\$5,448,979



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
State Other	448,979	5,000,000	0	0	5,448,979
Total	448,979	\$5,000,000	\$0	\$0	\$5,448,979

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

The SCP allows SCAG to partner with local agencies who are responsible for housing and land use and decisions on related activities, whereby SCAG procures subject matter consultants and manages the contracts.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop small grant technical assistance program for local jurisdiction to integrate their housing needs with SCS implementation.	Staff/Consultant	07/01/2021	06/30/2023

Product No	Product Description	Completion Date
1	Housing and Sustainable Development Framework	06/30/2023

TASK: 22-300.4887.02 **TASK BUDGET: \$2,185,193**
TASK NAME: TOD & PGA WORK PROGRAMS - LA METRO (AB 101)

Carryover Ongoing **PROJECT MANAGER: GRIEG ASHER**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	43,056	0	0	0	43,056
Benefits	33,688	0	0	0	33,688
Indirect Cost	108,449	0	0	0	108,449
Consultant	0	2,000,000	0	0	2,000,000
Total	\$185,193	\$2,000,000	\$0	\$0	\$2,185,193



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
State Other	185,193	2,000,000	0	0	2,185,193
Total	\$185,193	\$2,000,000	\$0	\$0	\$2,185,193

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

SCAG and Metro will enter into a Transit Oriented Development/Transit Oriented Communities (TOD/TOC) partnership via a Memorandum of Understanding (MOU). The MOU may fund any elements used to procure consultants and/or augment staff needs to deliver the scope of work. The project and studies will include deliverables that provide estimates of potential for housing production at station areas that are under study.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop MOU	Staff	07/01/2021	08/31/2021
2	Develop TOD/TOC Framework	Staff/Consultant	09/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Memorandum of Understanding (MOU)	08/31/2021
2	TOD/TOC Framework	06/30/2022

TASK: 22-300.4887.03 **TASK BUDGET: \$673,314**
TASK NAME: TOD & PGA WORK PROGRAMS - SCRRRA (METROLINK) (AB 101)

Carryover Ongoing **PROJECT MANAGER: GRIEG ASHER**



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	40,294	0	0	0	40,294
Benefits	31,527	0	0	0	31,527
Indirect Cost	101,493	0	0	0	101,493
Consultant	0	500,000	0	0	500,000
Total	\$173,314	\$500,000	\$0	\$0	\$673,314

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
State Other	173,314	500,000	0	0	673,314
Total	\$173,314	\$500,000	\$0	\$0	\$673,314

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

SCAG and SCRRA will enter into a partnership (through a Memorandum of Understanding) to identify and encourage transit-oriented housing production and development opportunities throughout Metrolink's network and around its stations.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop MOU	Staff/Consultant	07/01/2021	08/31/2021
2	Develop Station Area Development Framework	Staff/Consultant	09/01/2021	06/30/2022

Product No	Product Description	Completion Date
1	Memorandum of Understanding (MOU)	08/31/2021
2	Station Area Development Framework	06/30/2022



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

TASK: 22-300.4887.04 **TASK BUDGET: \$1,435,630**
TASK NAME: PRIORITY GROWTH AREA STRATEGIES (AB 101)

Carryover Ongoing **PROJECT MANAGER: GRIEG ASHER**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	31,533	0	0	0	31,533
Benefits	24,672	0	0	0	24,672
Indirect Cost	79,425	0	0	0	79,425
Consultant	0	1,300,000	0	0	1,300,000
Total	\$135,630	\$1,300,000	\$0	\$0	\$1,435,630

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
State Other	135,630	1,300,000	0	0	1,435,630
Total	\$135,630	\$1,300,000	\$0	\$0	\$1,435,630

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

SCAG will pursue partnerships to further next steps on housing supportive land use analysis and strategy development. All programs and studies will include deliverables that provide inventories/counts of potential for housing production at sites that are under study. SCAG will also partner with academic institutions, stakeholder groups, and industry associations to identify best practices to either unlock new housing development potential, remove barriers to housing development, reduce the cost of development and decrease development timelines. These efforts will focus on various community typologies and housing types, consistent with the SCS.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Assist local jurisdictions with housing production planning in alignment with Connect SoCal (2020) implementation	Consultant	07/01/2021	06/30/2022



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PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

Product No	Product Description	Completion Date
1	Manage technical assistance and consulting contracts to develop analysis and tools to assist local jurisdictions.	06/30/2022

PROJECT: REGIONAL HOUSING NEEDS ASSESSMENT (RHNA) (AB 101)

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
 MANAGER: RONGSHENG LUO TOTAL BUDGET: \$260,052

PROJECT DESCRIPTION

Use lessons learned from the 6th cycle process to inform the statutory direction of Health and Safety Code 50515.05 for the AB 101 RHNA revision process.

TASK: **22-300.4888.01** TASK BUDGET: \$260,052
 TASK NAME: **REGIONAL HOUSING NEEDS ASSESSMENT (RHNA) (AB 101)**

Carryover Ongoing PROJECT MANAGER: MAAYN JOHNSON

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	55,810	0	0	0	55,810
Benefits	43,667	0	0	0	43,667
Indirect Cost	140,575	0	0	0	140,575
Consultant	0	20,000	0	0	20,000
Total	\$240,052	\$20,000	\$0	\$0	\$260,052

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	240,052	20,000	0	0	260,052
Total	\$240,052	\$20,000	\$0	\$0	\$260,052



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Use lessons learned from the 6th cycle process to inform the statutory direction of Health and Safety Code 50515.05 for the AB 101 RHNA revision process.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Use lessons learned from the 6th cycle process to inform the statutory direction of Health and Safety Code 50515.05 for the AB 101 RHNA revision process	Staff	10/01/2021	12/31/2022

Product No	Product Description	Completion Date
1	AB 101 Revision Recommendations	12/31/2022

PROJECT: REAP GRANT PARTNERSHIPS & OUTREACH (AB 101)

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$27,895,508

PROJECT DESCRIPTION

To accelerate housing production region-wide, SCAG staff will develop a variety of programs to assist local jurisdictions, subregional partners, and stakeholders. The REAP grants program is intended to promote housing through planning, strategies, and best practices and SCAG staff will encourage the coordination of REAP funding directed toward jurisdictions with other Statewide funding sources directly provided to jurisdictions. The REAP grants program will provide education and technical assistance throughout the region to meet housing need.

TASK: 22-300.4889.01 **TASK BUDGET:** \$25,414,745
TASK NAME: SUBREGIONAL PARTNERSHIP PROGRAM (AB 101)

Carryover Ongoing **PROJECT MANAGER:** MAAYN JOHNSON



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	218,982	0	0	0	218,982
Benefits	171,339	0	0	0	171,339
Indirect Cost	551,581	0	0	0	551,581
Other	26,044	0	0	0	26,044
Consultant	0	24,446,799	0	0	24,446,799
Total	\$967,946	\$24,446,799	\$0	\$0	\$25,414,745

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	967,946	24,446,799	0	0	25,414,745
Total	\$967,946	\$24,446,799	\$0	\$0	\$25,414,745

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

The Subregional Partnership Program is intended to increase planning to accelerate housing production throughout the SCAG region through implementable actions that will increase housing supply to meet the sixth cycle RHNA. The Subregional Partnership program has been designed to augment and complement funds that are awarded to jurisdictions by HCD pursuant to SB 2 Planning Grants and the Local Early Action Program (LEAP).

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Assist and monitor Subregions conducting procurements to ensure compliance with HCD guidance.	Staff/Consultant	03/01/2021	06/30/2023
2	Assist and monitor project implementation by Subregions to ensure compliance with Scope of Work and projected timelines.	Staff/Consultant	03/01/2021	06/30/2023
3	Assist and monitor Subregion reporting documents to ensure compliance with HCD guidance.	Staff	03/01/2021	06/30/2023



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PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

Product No	Product Description	Completion Date
1	Contracts with consultants and subconsultants	06/30/2023
2	Deliverables from Subregions for each approved activity	06/30/2023
3	Reports with metrics from Subregions	06/30/2023

TASK: 22-300.4889.02 **TASK BUDGET: \$1,153,700**
TASK NAME: CALL FOR COLLABORATION (AB 101)

Carryover Ongoing **PROJECT MANAGER: MAAYN JOHNSON**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	35,734	0	0	0	35,734
Benefits	27,959	0	0	0	27,959
Indirect Cost	90,007	0	0	0	90,007
Consultant	0	1,000,000	0	0	1,000,000
Total	\$153,700	\$1,000,000	\$0	\$0	\$1,153,700

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	153,700	1,000,000	0	0	1,153,700
Total	\$153,700	\$1,000,000	\$0	\$0	\$1,153,700

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

SCAG is partnering with the California Community foundation, joined by the Irvine Foundation, Chan Zuckerberg Initiative and other funding partners for the Southern California Call for Collaboration to foster diverse community-driven approaches and strategic coalitions to shape and execute a vision for more housing in every community while addressing historical racial inequities. It is intended to support new models for engagement, collaboration and partnership to promote equitable and sustainable development practices across the region. Activities funded by this grant program must result in action-oriented planning policies and programs demonstrating a



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nexus to increasing and accelerating housing production.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Monitor performance of grantees.	Staff	04/01/2021	01/31/2022

Product No	Product Description	Completion Date
1	Final report from grantees.	12/31/2022

TASK: 22-300.4889.03 **TASK BUDGET: \$956,809**
TASK NAME: LEADERSHIP ACADEMY (AB 101)

Carryover Ongoing **PROJECT MANAGER: MAAYN JOHNSON**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	44,044	0	0	0	44,044
Benefits	34,462	0	0	0	34,462
Indirect Cost	110,940	0	0	0	110,940
Other	17,363	0	0	0	17,363
Consultant	0	750,000	0	0	750,000
Total	\$206,809	\$750,000	\$0	\$0	\$956,809

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	206,809	750,000	0	0	956,809
Total	\$206,809	\$750,000	\$0	\$0	\$956,809

PREVIOUS ACCOMPLISHMENTS

This is a new task.



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

OBJECTIVES

Educate local leadership to proactively contribute to accelerate housing production, develop regional pro-housing coalitions, better utilize housing funding opportunities, implement housing elements, and collaborate with SCAG's emerging housing program.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Educate local leadership to proactively contribute to accelerate housing production, develop regional pro-housing coalitions, better utilize housing funding opportunities, implement housing elements, and collaborate with SCAG's emerging housing program	Consultant	01/31/2021	12/31/2023

Product No	Product Description	Completion Date
1	Leadership academy materials	12/31/2023

TASK: 22-300.4889.04 **TASK BUDGET: \$370,254**
TASK NAME: PRO-HOUSING CAMPAIGN (AB 101)

Carryover Ongoing **PROJECT MANAGER: MAAYN JOHNSON**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	27,958	0	0	0	27,958
Benefits	21,875	0	0	0	21,875
Indirect Cost	70,421	0	0	0	70,421
Consultant	0	250,000	0	0	250,000
Total	\$120,254	\$250,000	\$0	\$0	\$370,254

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	120,254	250,000	0	0	370,254
Total	\$120,254	\$250,000	\$0	\$0	\$370,254



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Develop a community outreach and advertising campaign with the goals of creating positive associations with housing development and housing-supportive land use policies.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop a community outreach and advertising campaign with the goals of creating positive associations with housing development and housing-supportive land use policies.	Consultant	03/31/2021	02/01/2022
2	Launch and manage campaign	Consultant	01/31/2022	12/31/2023

Product No	Product Description	Completion Date
1	Campaign materials	01/31/2022
2	Targeted messages in support of housing production	12/31/2023

PROJECT: REAP GRANT HOUSING POLICY SOLUTIONS (AB 101)

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
MANAGER: RONGSHENG LUO **TOTAL BUDGET:** \$1,532,756

PROJECT DESCRIPTION

Develop tools, technical assistance, and research that will assist local jurisdictions to implement housing planning and assess impact of regional policy on housing production.

TASK: 22-300.4890.01 **TASK BUDGET:** \$536,925
TASK NAME: DATA TOOLS AND TECHNICAL SUPPORT FOR HOUSING ELEMENT UPDATES (AB 101)

Carryover Ongoing **PROJECT MANAGER:** KEVIN KANE

PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	30,467	0	0	0	30,467
Benefits	23,838	0	0	0	23,838
Indirect Cost	76,740	0	0	0	76,740
Other	173,625	0	0	0	173,625
Consultant	0	232,255	0	0	232,255
Total	\$304,670	\$232,255	\$0	\$0	\$536,925

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	304,670	232,255	0	0	536,925
Total	\$304,670	\$232,255	\$0	\$0	\$536,925

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Develop housing element needs and affordability data pre-certified by HCD for housing element updates, parcel-level land use data, and the deployment of a public-facing web mapping application for Housing Element Parcel.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop tools and technical assistance to support local housing planning	Staff/Consultant	01/01/2021	06/30/2023
2	Develop housing data resources	Staff/Consultant	01/01/2021	06/30/2023

Product No	Product Description	Completion Date
1	Tools and technical assistance to support local housing planning	06/30/2023
2	Additional housing data and guidance	06/30/2023



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

TASK: 22-300.4890.02 **TASK BUDGET: \$995,831**
TASK NAME: RESEARCH/POLICY BRIEFS, HONORARIUMS, UNIVERSITY PARTNERSHIPS (AB 101)

Carryover Ongoing **PROJECT MANAGER: KEVIN KANE**

SUMMARY OF PROJECT TASK EXPENDITURES

<u>Category</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
Salary	114,177	0	0	0	114,177
Benefits	89,336	0	0	0	89,336
Indirect Cost	287,593	0	0	0	287,593
Other	34,725	0	0	0	34,725
Consultant	0	470,000	0	0	470,000
Total	\$525,831	\$470,000	\$0	\$0	\$995,831

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
State Other	525,831	470,000	0	0	995,831
Total	\$525,831	\$470,000	\$0	\$0	\$995,831

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Develop housing element needs and affordability data pre-certified by HCD for housing element updates, parcel-level land use data, and the deployment of a public-facing web mapping application for Housing Element Parcel.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Develop research to assess the impact of policy on housing production	Staff/Consultant	01/01/2021	06/30/2023



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PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

Product No	Product Description	Completion Date
1	Research studies and presentations which link policy to measurable housing production	06/30/2023

PROJECT: REAP ADMINISTRATION (AB 101)

DEPARTMENT NAME: 428 - COMPLIANCE & PERFORMANCE MONITORING DEPT.
 MANAGER: RONGSHENG LUO TOTAL BUDGET: \$8,039,591

PROJECT DESCRIPTION

Conduct administrative work on AB 101 REAP grant program

TASK: 22-300.4891.01 TASK BUDGET: \$8,019,591
 TASK NAME: REPORTING AND INVOICING (AB 101)

Carryover Ongoing PROJECT MANAGER: MAAYN JOHNSON

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	23,805	0	0	0	23,805
Benefits	18,626	0	0	0	18,626
Indirect Cost	59,961	0	0	0	59,961
Other	7,917,199	0	0	0	7,917,199
Total	\$8,019,591	\$0	\$0	\$0	\$8,019,591

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	8,019,591	0	0	0	8,019,591
Total	8,019,591	\$0	\$0	\$0	\$8,019,591



PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

Conduct administrative work on AB 101 REAP grant program

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Process invoices for REAP grant activities	Staff	01/01/2021	06/30/2023
2	Develop metric and progress reports on REAP grant activities	Staff	01/01/2021	06/30/2023

Product No	Product Description	Completion Date
1	Invoices for REAP grant activities	06/30/2023
2	Metric and progress reports on REAP grant activities	06/30/2023

TASK: 22-300.4891.02 **TASK BUDGET: \$20,000**
TASK NAME: FINAL REPORT TO LEGISLATURE (AB 101)

Carryover Ongoing **PROJECT MANAGER: MAAYN JOHNSON**

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Other	20,000	0	0	0	20,000
Total	\$20,000	\$0	\$0	\$0	\$20,000

SUMMARY OF PROJECT TASK REVENUES

Fund Source	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
State Other	20,000	0	0	0	20,000
Total	\$20,000	\$0	\$0	\$0	\$20,000

PREVIOUS ACCOMPLISHMENTS

This is a new task.



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PROGRAM: 300 - REGIONAL EARLY ACTION PLANNING (REAP) GRANTS PROGRAM

OBJECTIVES

Prepare final report to HCD for REAP Grant and close out grant.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Prepare final report to HCD for REAP Grant	Staff	07/01/2023	12/31/2023
2	Close out REAP grant	Staff	07/01/2023	12/31/2023

Product No	Product Description	Completion Date
1	Final report to HCD for REAP Grant	12/31/2023
2	Grant close-out form	12/31/2023



PROGRAM: 315 - LAST MILE FREIGHT PROGRAM

MANAGER: ANNIE NAM **TOTAL BUDGET:** \$10,053,308

OBJECTIVE

SCAG has partnered with the Mobile Source Air Pollution Reduction Review Committee (MSRC) to establish the Last Mile Freight Program (LMFP). The LMFP is intended to achieve immediate reductions in criteria pollutants and greenhouse gas emissions from commercially deployed vehicles/equipment serving the last mile delivery market. The LMFP will inform both industry and the public regarding zero-emissions/near-zero emissions vehicle/equipment and supporting infrastructure performance and how this information can be used to scale emissions reductions to contribute to regional air quality goals.

PROJECT: LAST MILE FREIGHT PROGRAM

DEPARTMENT NAME: 413 - GOODS MOVEMENT & TRANSPORTATION FINANCE DEPT.

MANAGER: ANNIE NAM **TOTAL BUDGET:** \$10,053,308

PROJECT DESCRIPTION

SCAG has partnered with the Mobile Source Air Pollution Reduction Review Committee (MSRC) to establish the Last Mile Freight Program (LMFP). The LMFP is intended to achieve immediate reductions in criteria pollutants and greenhouse gas emissions from commercially deployed vehicles/equipment serving the last mile delivery market. The LMFP will inform both industry and the public regarding zero-emissions/near-zero emissions vehicle/equipment and supporting infrastructure performance and how this information can be used to scale emissions reductions to contribute to regional air quality goals.

TASK: 22-315.4898.01 **TASK BUDGET:** \$10,053,308

TASK NAME: LAST MILE FREIGHT PROGRAM (MSRC)

Carryover Ongoing **PROJECT MANAGER:** ANNIE NAM

SUMMARY OF PROJECT TASK EXPENDITURES

Category	SCAG	Consultant	Consultant TC	Non-Profits/IHL	Total
Salary	12,394	0	0	0	12,394
Benefits	9,697	0	0	0	9,697
Indirect Cost	31,217	0	0	0	31,217
Consultant	0	10,000,000	0	0	10,000,000
Total	\$53,308	\$10,000,000	\$0	\$0	\$10,053,308

PROGRAM: 315 - LAST MILE FREIGHT PROGRAM

SUMMARY OF PROJECT TASK REVENUES

<u>Fund Source</u>	<u>SCAG</u>	<u>Consultant</u>	<u>Consultant TC</u>	<u>Non-Profits/IHL</u>	<u>Total</u>
TDA	53,308	0	0	0	53,308
State Other	0	10,000,000	0	0	10,000,000
Total	\$53,308	\$10,000,000	\$0	\$0	\$10,053,308

PREVIOUS ACCOMPLISHMENTS

This is a new task.

OBJECTIVES

SCAG has partnered with the Mobile Source Air Pollution Reduction Review Committee (MSRC) to establish the Last Mile Freight Program (LMFP). The LMFP is intended to achieve immediate reductions in criteria pollutants and greenhouse gas emissions from commercially deployed vehicles/equipment serving the last mile delivery market. The LMFP will inform both industry and the public regarding zero-emissions/near-zero emissions vehicle/equipment and supporting infrastructure performance and how this information can be used to scale emissions reductions to contribute to regional air quality goals.

STEPS AND PRODUCTS

Step No	Step Description	Work Type	Start Date	End Date
1	Manage sub-recipients and implement Last Mile Freight Program projects.	Staff/Consultant	07/01/2021	06/30/2022
2	Prepare progress reports and final report.	Staff/Consultant	07/01/2021	10/31/2022

Product No	Product Description	Completion Date
1	Final Report	10/31/2022



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021–2022

SECTION IV

Budget Revenue Report

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Revenues

	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
010 System Planning																			
010.0170 Regional Transportation Plan (RTP)																			
010.0170.01	391,527	346,618	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,909	0	0
RTP Amendments, Management and Coordination																			
Project Total	391,527	346,618	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,909	0	0
010.1631 Congestion MGMT./Travel Demand MGMT.																			
010.1631.02	358,233	317,143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41,090	0	0
Transportation Demand Management (TDM) Planning																			
010.1631.04	15,674	13,876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,798	0	0
Congestion Management Process (CMP)																			
010.1631.06	366,000	0	0	0	0	366,000	0	0	0	0	0	0	0	0	0	0	0	0	41,981
TDM Strategic Plan Phase 2 - Implementation																			
010.1631.07	244,375	6,586	0	0	0	236,935	0	0	0	0	0	0	0	0	0	0	854	0	27,177
Planning for the 2028 Olympics																			
Project Total	984,282	337,605	0	0	0	602,935	0	0	0	0	0	0	0	0	0	0	43,742	0	69,158
010.2106 System Management and Preservation																			

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Revenues

	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
010.2106.02	108,119	95,717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,402	0	0
System Management and Preservation																			
Project Total	108,119	95,717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,402	0	0
Program Total	1,483,928	779,940	0	0	0	602,935	0	0	0	0	0	0	0	0	0	0	101,053	0	69,158
015 Transportation Finance																			
015.0159 Transportation Finance																			
015.0159.01	414,693	322,862	0	0	0	50,000	0	0	0	0	0	0	0	0	0	0	41,831	0	5,735
RTP Financial Planning																			
015.0159.02	408,574	51,855	0	0	50,462	293,000	0	0	0	0	6,538	0	0	0	0	0	6,719	0	33,608
Transportation User Fee - Planning Groundwork Project Phase II																			
Project Total	823,267	374,717	0	0	50,462	343,000	0	0	0	0	6,538	0	0	0	0	0	48,550	0	39,343
Program Total	823,267	374,717	0	0	50,462	343,000	0	0	0	0	6,538	0	0	0	0	0	48,550	0	39,343
020 Environmental Planning																			
020.0161 Environmental Compliance																			
020.0161.04	1,125,692	452,948	0	0	10,832	150,000	400,000	0	0	0	0	0	0	0	0	0	111,912	0	17,205
Environmental Compliance, Coordination & Outreach																			
020.0161.05	96,571	85,494	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,077	0	0
Intergovernmental Review (IGR)																			
020.0161.06	586,534	519,258	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67,276	0	0
Environmental Justice Outreach and Policy Coordination																			
Project Total	1,808,797	1,057,700	0	0	10,832	150,000	400,000	0	0	0	0	0	0	0	0	0	190,265	0	17,205

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Revenues

	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
Program Total	1,808,797	1,057,700	0	0	10,832	150,000	400,000	0	0	0	0	0	0	0	0	0	190,265	0	17,205
025 Air Quality and Conformity																			
025.0164 Air Quality Planning and Conformity																			
025.0164.01	869,697	707,971	0	0	0	70,000	0	0	0	0	0	0	0	0	0	0	91,726	0	8,029
Air Quality Planning and Conformity																			
Project Total	869,697	707,971	0	0	0	70,000	0	0	0	0	0	0	0	0	0	0	91,726	0	8,029
Program Total	869,697	707,971	0	0	0	70,000	0	0	0	0	0	0	0	0	0	0	91,726	0	8,029
030 Federal Transportation Improvement Program (FTIP)																			
030.0146 Federal Transportation Improvement Program																			
030.0146.02	2,294,696	719,546	0	0	111,948	0	1,200,000	0	0	0	0	0	0	0	0	0	263,202	0	0
Federal Transportation Improvement Program																			
Project Total	2,294,696	719,546	0	0	111,948	0	1,200,000	0	0	0	0	0	0	0	0	0	263,202	0	0
Program Total	2,294,696	719,546	0	0	111,948	0	1,200,000	0	0	0	0	0	0	0	0	0	263,202	0	0
045 Geographic Information System (GIS)																			
045.0142 Application Development																			
045.0142.05	188,721	167,074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,647	0	0
Advanced Technical Support																			
045.0142.12	1,333,928	742,396	0	350,000	0	100,000	0	0	0	0	0	0	0	0	0	0	141,532	0	11,470
Enterprise GIS (EGIS) Implementation - Maint. & Support																			

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Revenues

	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
045.0142.22	1,116,347	654,517	0	250,000	0	94,640	0	0	0	0	0	0	0	0	0	0	117,190	0	10,856
Planning System Development																			
045.0142.23	755,645	629,134	0	0	0	45,000	0	0	0	0	0	0	0	0	0	0	81,511	0	5,162
Enterprise GIS (EGIS) Implementation - Capitalized Software																			
045.0142.25	449,981	44,092	0	0	0	400,176	0	0	0	0	0	0	0	0	0	0	5,713	0	45,901
FTIP System																			
045.0142.26	202,257	179,058	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,199	0	0
Regional ATDB Development and Enhancements (Capitalized)																			
Project Total	4,046,879	2,416,271	0	600,000	0	639,816	0	0	0	0	0	0	0	0	0	0	390,792	0	73,389
045.0694 GIS Development and Applications																			
045.0694.01	737,208	652,650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84,558	0	0
GIS Development and Applications																			
045.0694.03	200,256	177,286	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,970	0	0
Professional GIS Services Program Support																			
045.0694.04	479,125	335,639	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	43,486	0	11,470
GIS Modeling and Analytics																			
Project Total	1,416,589	1,165,575	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	151,014	0	11,470
Program Total	5,463,468	3,581,846	0	600,000	0	739,816	0	0	0	0	0	0	0	0	0	0	541,806	0	84,859
050 Active Transportation Planning																			
050.0169 Active Transportation Planning																			
050.0169.01	355,665	314,870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40,795	0	0
RTP/SCS Active Transportation Development & Implementation																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
050.0169.06	337,946	0	0	0	199,183	0	100,000	0	0	0	0	0	0	0	0	0	38,763	0	0
Active Transportation Program																			
050.0169.07	252,841	143,941	0	0	0	90,250	0	0	0	0	0	0	0	0	0	0	18,650	0	10,352
Regional Active Transportation Data Partnership Platform (Non-Capitalized)																			
050.0169.08	203,754	91,853	0	0	88,530	0	0	0	0	0	11,470	0	0	0	0	0	11,901	0	0
Public Health																			
050.0169.09	15,000	0	0	0	0	0	0	0	0	0	15,000	0	0	0	0	0	0	0	0
Community Based Organization																			
Project Total	1,165,206	550,664	0	0	287,713	90,250	100,000	0	0	0	26,470	0	0	0	0	0	110,109	0	10,352
Program Total	1,165,206	550,664	0	0	287,713	90,250	100,000	0	0	0	26,470	0	0	0	0	0	110,109	0	10,352
055 Regional Forecasting, Socioeconomic Technical & Policy Analysis																			
055.0133 Integrated Growth Forecasts																			
055.0133.06	387,925	126,195	0	0	0	245,380	0	0	0	0	0	0	0	0	0	0	16,350	0	28,146
University Partnership & Collaboration																			
Project Total	387,925	126,195	0	0	0	245,380	0	0	0	0	0	0	0	0	0	0	16,350	0	28,146
055.0704 Region Wide Data Collection & Analysis																			
055.0704.02	737,931	0	0	0	323,290	0	330,000	0	0	0	0	0	0	0	0	0	84,641	0	0
Region-Wide Data Coordination																			
Project Total	737,931	0	0	0	323,290	0	330,000	0	0	0	0	0	0	0	0	0	84,641	0	0
055.1531 Southern California Economic Growth Strategy																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
055.1531.01	933,365	560,718	0	0	0	300,000	0	0	0	0	0	0	0	0	0	0	72,647	0	34,410
Southern California Economic Growth Strategy																			
055.1531.02	126,954	112,392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,562	0	0
Economic Analysis of Transportation Planning Activities & Investments																			
Project Total	1,060,319	673,110	0	0	0	300,000	0	0	0	0	0	0	0	0	0	0	87,209	0	34,410
055.4856 Scenario Planning & Local Input: Pathways to the 2020 RTP/SCS																			
055.4856.01	786,719	545,981	0	0	0	170,000	0	0	0	0	0	0	0	0	0	0	70,738	0	19,499
Regional Growth and Policy Analysis																			
055.4856.02	527,643	467,122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60,521	0	0
Outreach and Technical Collaboration																			
055.4856.04	130,879	75,727	0	0	40,140	0	0	0	0	0	5,200	0	0	0	0	0	9,812	0	0
Tax Increment Financing for Sustainable Growth																			
Project Total	1,445,241	1,088,830	0	0	40,140	170,000	0	0	0	0	5,200	0	0	0	0	0	141,071	0	19,499
Program Total	3,631,416	1,888,135	0	0	363,430	715,380	330,000	0	0	0	5,200	0	0	0	0	0	329,271	0	82,055
060 Corridor Planning																			
060.0124 Corridor Planning																			
060.0124.01	87,467	77,434	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,033	0	0
Corridor Planning																			
Project Total	87,467	77,434	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,033	0	0
Program Total	87,467	77,434	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,033	0	0
065 Sustainability Program																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
065.0137 Sustainability Program																			
065.0137.07	100,075	0	0	0	0	0	0	0	0	0	100,075	0	0	0	0	0	0	0	0
Local Technical Assistance and Toolbox Tuesdays																			
065.0137.08	88,793	0	0	0	0	0	0	0	0	0	88,793	0	0	0	0	0	0	0	0
Sustainability Recognition Awards																			
065.0137.12	150,353	0	0	0	0	0	0	0	0	0	150,353	0	0	0	0	0	0	0	0
Electric Vehicle (EV) Program Readiness Strategies																			
Project Total	339,221	0	0	0	0	0	0	0	0	0	339,221	0	0	0	0	0	0	0	0
065.4092 GHG Adaptation Framework																			
065.4092.01	240,355	168,521	0	0	44,265	0	0	0	0	0	5,735	0	0	0	0	0	21,834	0	0
Adaptation Analysis																			
Project Total	240,355	168,521	0	0	44,265	0	0	0	0	0	5,735	0	0	0	0	0	21,834	0	0
065.4853 Greenhouse Gas Reduction Fund (GGRF) Technical Assistance																			
065.4853.01	16,760	14,837	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,923	0	0
Greenhouse Gas Reduction Fund (GGRF) Technical Assistance																			
Project Total	16,760	14,837	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,923	0	0
065.4855 Mobility Innovations/Technology Study																			
065.4855.02	7,424	0	0	0	0	0	0	0	0	0	7,424	0	0	0	0	0	0	0	0
Ride Hailing Data Collection and Analysis (SANDAG Grant Partnership)																			
Project Total	7,424	0	0	0	0	0	0	0	0	0	7,424	0	0	0	0	0	0	0	0
065.4858 Regional Resiliency Analysis																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
065.4858.01	307,561	272,283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35,278	0	0
Regional Resiliency Analysis																			
Project Total	307,561	272,283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35,278	0	0
065.4876 Priority Agricultural Lands																			
065.4876.01	144,111	83,316	0	0	44,265	0	0	0	0	0	5,735	0	0	0	0	0	10,795	0	0
Priority Agricultural Lands																			
Project Total	144,111	83,316	0	0	44,265	0	0	0	0	0	5,735	0	0	0	0	0	10,795	0	0
065.4878 Natural & Agricultural Lands Policy Development & Implementation																			
065.4878.01	80,616	71,369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,247	0	0
Natural & Agricultural Lands Policy Development & Implementation																			
Project Total	80,616	71,369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,247	0	0
Program Total	1,136,048	610,326	0	0	88,530	0	0	0	0	0	358,115	0	0	0	0	0	79,077	0	0
070 Modeling																			
070.0130 Regional Transp. Model Development and Maintenance																			
070.0130.10	996,839	674,456	0	0	0	235,000	0	0	0	0	0	0	0	0	0	0	87,383	0	26,955
Model Enhancement and Maintenance																			
070.0130.12	1,006,455	587,799	0	0	0	342,500	0	0	0	0	0	0	0	0	0	0	76,156	0	39,285
Heavy Duty Truck (HDT) Model Update																			
070.0130.13	1,042,873	613,400	0	0	0	350,000	0	0	0	0	0	0	0	0	0	0	79,473	0	40,145
Activity-Based Model (ABM) Development and Support																			
Project Total	3,046,167	1,875,655	0	0	0	927,500	0	0	0	0	0	0	0	0	0	0	243,012	0	106,385

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
070.0132 Regional and Subregional Model Coordination/Outreach																			
070.0132.01	179,124	158,578	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,546	0	0
Subregional Model Development, Coordination and Outreach																			
070.0132.04	256,816	227,359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,457	0	0
Regional Modeling Coordination and Modeling Task Force																			
070.0132.08	617,172	546,382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70,790	0	0
Model Data Distribution and Support																			
Project Total	1,053,112	932,319	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120,793	0	0
070.0147 Model Application & Analysis																			
070.0147.01	689,501	610,415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79,086	0	0
RTP/FTIP Modeling, Coordination and Analysis																			
070.0147.03	242,849	214,994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,855	0	0
Special Planning Studies Modeling and Analysis																			
Project Total	932,350	825,409	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106,941	0	0
070.2665 Scenario Planning and Growth Forecasting																			
070.2665.01	1,428,258	518,736	0	0	0	200,000	0	0	0	0	642,314	0	0	0	0	0	67,208	0	22,940
Scenario Planning and Modeling																			
070.2665.02	1,826,447	0	0	0	716,953	0	900,000	0	0	0	0	0	0	0	0	0	209,494	0	0
Growth Forecasting - Development, Outreach, and Collaboration																			
Project Total	3,254,705	518,736	0	0	716,953	200,000	900,000	0	0	0	642,314	0	0	0	0	0	276,702	0	22,940
070.4851 Cloud Infrastructure																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
070.4851.01	588,148	210,832	0	0	309,855	0	0	0	0	0	40,145	0	0	0	0	0	27,316	0	0
Cloud Infrastructure																			
Project Total	588,148	210,832	0	0	309,855	0	0	0	0	0	40,145	0	0	0	0	0	27,316	0	0
Program Total	8,874,482	4,362,951	0	0	1,026,808	1,127,500	900,000	0	0	0	682,459	0	0	0	0	0	774,764	0	129,325
080 Performance Assessment & Monitoring																			
080.0153 Performance Assessment & Monitoring																			
080.0153.04	288,195	244,515	0	0	0	0	0	0	0	0	12,000	0	0	0	0	0	31,680	0	0
Regional Assessment																			
Project Total	288,195	244,515	0	0	0	0	0	0	0	0	12,000	0	0	0	0	0	31,680	0	0
080.4854 RTP/SCS Performance Monitoring																			
080.4854.01	304,370	269,458	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34,912	0	0
RTP/SCS Performance Monitoring																			
Project Total	304,370	269,458	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34,912	0	0
Program Total	592,565	513,973	0	0	0	0	0	0	0	0	12,000	0	0	0	0	0	66,592	0	0
090 Public Information & Communications																			
090.0148 Public Information and Communication																			
090.0148.01	3,020,967	0	0	0	674,730	308,000	1,550,000	0	0	0	200,000	0	0	0	0	0	288,237	0	35,328
Public Information and Communication																			
090.0148.02	593,703	437,075	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	56,628	0	11,470
Media Support for Planning Activities																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
Project Total	3,614,670	437,075	0	0	674,730	408,000	1,550,000	0	0	0	200,000	0	0	0	0	0	344,865	0	46,798
Program Total	3,614,670	437,075	0	0	674,730	408,000	1,550,000	0	0	0	200,000	0	0	0	0	0	344,865	0	46,798
095 Regional Outreach and Public Participation																			
095.1533 Regional Transportation Plan Development Outreach																			
095.1533.01	706,956	301,582	0	0	0	366,300	0	0	0	0	0	0	0	0	0	0	39,074	0	42,015
Regional Transportation Plan Outreach																			
095.1533.02	581,181	0	0	0	0	0	0	0	0	0	581,181	0	0	0	0	0	0	0	0
Regional Planning & Policy Intern Program																			
Project Total	1,288,137	301,582	0	0	0	366,300	0	0	0	0	581,181	0	0	0	0	0	39,074	0	42,015
095.1633 Regional Outreach and Public Participation																			
095.1633.01	2,891,198	0	0	0	672,453	0	1,670,000	0	0	0	245,255	0	0	0	0	0	303,490	0	0
Public Involvement																			
Project Total	2,891,198	0	0	0	672,453	0	1,670,000	0	0	0	245,255	0	0	0	0	0	303,490	0	0
Program Total	4,179,335	301,582	0	0	672,453	366,300	1,670,000	0	0	0	826,436	0	0	0	0	0	342,564	0	42,015
100 Intelligent Transportation Systems (ITS)																			
100.1630 Intelligent Transportation Systems Planning																			
100.1630.02	96,432	85,371	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,061	0	0
Intelligent Transportation Systems (ITS) Planning																			
100.1630.04	226,400	0	0	0	0	226,400	0	0	0	0	0	0	0	0	0	0	0	0	25,969
Regional ITS Architecture Update – Ph 2																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
Project Total	322,832	85,371	0	0	0	226,400	0	0	0	0	0	0	0	0	0	0	11,061	0	25,969
Program Total	322,832	85,371	0	0	0	226,400	0	0	0	0	0	0	0	0	0	0	11,061	0	25,969
120 OWP Development and Administration																			
120.0175 OWP Development & Administration																			
120.0175.01	1,302,099	0	0	0	502,748	0	650,000	0	0	0	0	0	0	0	0	0	149,351	0	0
OWP Development & Administration																			
120.0175.02	219,386	0	0	0	0	0	0	0	0	0	219,386	0	0	0	0	0	0	0	0
Grant Administration																			
Project Total	1,521,485	0	0	0	502,748	0	650,000	0	0	0	219,386	0	0	0	0	0	149,351	0	0
Program Total	1,521,485	0	0	0	502,748	0	650,000	0	0	0	219,386	0	0	0	0	0	149,351	0	0
130 Goods Movement																			
130.0162 Goods Movement																			
130.0162.02	165,373	102,139	0	0	0	50,000	0	0	0	0	0	0	0	0	0	0	13,234	0	5,735
Southern California National Freight Gateway Collaboration																			
130.0162.13	158,236	73,688	0	0	0	75,000	0	0	0	0	0	0	0	0	0	0	9,548	0	8,603
Southern California P3 Financial Capacity Analysis and Business Case Development																			
130.0162.18	2,205,173	621,059	0	0	0	600,000	800,000	0	0	0	0	0	0	0	0	0	184,114	0	68,820
Goods Movement Planning																			
Project Total	2,528,782	796,886	0	0	0	725,000	800,000	0	0	0	0	0	0	0	0	0	206,896	0	83,158
Program Total	2,528,782	796,886	0	0	0	725,000	800,000	0	0	0	0	0	0	0	0	0	206,896	0	83,158

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
140 Transit and Rail Planning																			
140.0121 Transit and Rail Planning																			
140.0121.01	396,211	350,765	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45,446	0	0
Transit Planning																			
140.0121.02	284,094	251,508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32,586	0	0
Regional High Speed Transport Program																			
140.0121.08	136,866	32,637	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	4,229	0	11,470
Transit Asset Management (TAM) Planning																			
140.0121.09	314,721	32,637	0	0	0	277,855	0	0	0	0	0	0	0	0	0	0	4,229	0	31,870
Regional Dedicated Transit Lanes Study																			
140.0121.10	197,076	32,637	0	0	0	160,210	0	0	0	0	0	0	0	0	0	0	4,229	0	18,377
Mobility as a Service (MaaS) Feasibility White Paper																			
Project Total	1,328,968	700,184	0	0	0	538,065	0	0	0	0	0	0	0	0	0	0	90,719	0	61,717
Program Total	1,328,968	700,184	0	0	0	538,065	0	0	0	0	0	0	0	0	0	0	90,719	0	61,717
145 Sustainable Communities, Strategic Partnerships and Adaptation Planning Grant Program																			
145.4818 Westside Mobility Study Update																			
145.4818.01	99,282	0	0	0	0	0	0	0	0	0	4,293	0	0	0	0	0	0	94,989	0
Westside Mobility Study Update																			
Project Total	99,282	0	0	0	0	0	0	0	0	0	4,293	0	0	0	0	0	0	94,989	0
145.4846 Wilmington Freight Mitigation Project																			

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145.4846.01	217,619	0	0	0	0	0	0	100,000	0	0	98,869	0	0	0	0	0	0	18,750	0
Wilmington Freight Mitigation Project																			
Project Total	217,619	0	0	0	0	0	0	100,000	0	0	98,869	0	0	0	0	0	0	18,750	0
145.4847 Ventura County Freight Corridor Study																			
145.4847.01	50,278	0	0	0	0	0	0	5,297	0	0	29,781	0	0	0	0	0	0	15,200	0
Ventura County Freight Corridor Study																			
Project Total	50,278	0	0	0	0	0	0	5,297	0	0	29,781	0	0	0	0	0	0	15,200	0
145.4865 Southern California Goods Movement Communities Freight Impact Assessment																			
145.4865.01	247,585	0	0	0	0	0	0	198,068	0	0	49,517	0	0	0	0	0	0	0	0
Southern California Goods Movement Communities Freight Impact Assessment																			
Project Total	247,585	0	0	0	0	0	0	198,068	0	0	49,517	0	0	0	0	0	0	0	0
145.4866 East San Gabriel Valley Mobility Plan																			
145.4866.01	419,478	0	0	0	0	0	0	318,000	0	0	21,978	0	0	0	0	0	0	79,500	0
East San Gabriel Valley Mobility Plan																			
Project Total	419,478	0	0	0	0	0	0	318,000	0	0	21,978	0	0	0	0	0	0	79,500	0
145.4867 Curb Space Management Study																			
145.4867.01	666,876	0	0	0	0	0	0	0	449,146	0	217,730	0	0	0	0	0	0	0	0
Curb Space Management Study																			
Project Total	666,876	0	0	0	0	0	0	0	449,146	0	217,730	0	0	0	0	0	0	0	0
145.4885 I-710 North Mobility Hubs Plan																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
145.4885.01	503,336	0	0	0	0	0	0	376,000	0	0	33,336	0	0	0	0	0	0	94,000	0
I-710 North Mobility Hubs Plan																			
Project Total	503,336	0	0	0	0	0	0	376,000	0	0	33,336	0	0	0	0	0	0	94,000	0
Program Total	2,204,454	0	0	0	0	0	0	997,365	449,146	0	455,504	0	0	0	0	0	0	302,439	0
155 Sustainable Communities Planning Grant Program																			
155.4863 Transportation Broadband Strategies to Reduce VMT and GHG																			
155.4863.01	242,533	0	0	0	0	0	0	0	0	0	23,782	0	0	0	194,374	0	0	24,377	0
Transportation Broadband Strategies to Reduce VMT and GHG																			
Project Total	242,533	0	0	0	0	0	0	0	0	0	23,782	0	0	0	194,374	0	0	24,377	0
155.4864 SB 743 VMT Mitigation Assistance Program																			
155.4864.01	588,349	0	0	0	0	0	0	0	0	0	131,440	0	0	0	456,909	0	0	0	0
SB 743 VMT Mitigation Assistance Program																			
Project Total	588,349	0	0	0	0	0	0	0	0	0	131,440	0	0	0	456,909	0	0	0	0
Program Total	830,882	0	0	0	0	0	0	0	0	0	155,222	0	0	0	651,283	0	0	24,377	0
225 Special Grant Projects																			
225.3564 SO. CALIF. Active Transportation Safety & Encouragement Campaign																			
225.3564.10	147,467	0	0	0	0	0	0	0	0	0	21,467	0	0	0	0	126,000	0	0	0
Go Human - MSRC - Sustainability Planning Grants																			
225.3564.11	111,065	0	0	0	0	0	0	0	0	55,000	52,423	0	0	0	0	0	0	3,642	0
SCAG 2017 Active Transportation Safety and Encouragement Campaign																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
225.3564.14	2,116,989	0	0	0	0	0	0	0	0	0	57,314	0	0	0	0	1,969,675	0	90,000	0
SCAG 2019 Local Demonstration Initiative																			
225.3564.16	1,322,790	0	0	0	0	0	0	0	0	834,115	488,675	0	0	0	0	0	0	0	0
FY21 OTS - Pedestrian and Bicycle Safety Program																			
Project Total	3,698,311	0	0	0	0	0	0	0	0	889,115	619,879	0	0	0	0	2,095,675	0	93,642	0
225.4837 SCAG 2017 Active Transportation Local Planning Initiative																			
225.4837.01	1,182,763	0	0	0	0	0	0	0	0	0	48,457	0	0	0	0	878,681	0	255,625	0
SCAG 2017 Active Transportation Local Planning Initiative																			
Project Total	1,182,763	0	0	0	0	0	0	0	0	0	48,457	0	0	0	0	878,681	0	255,625	0
225.4839 SCAG Active Transportation Disadvantaged Communities Plans																			
225.4839.01	3,082	0	0	0	0	0	0	0	0	0	3,082	0	0	0	0	0	0	0	0
Disadvantaged Communities Active Transportation Planning																			
Project Total	3,082	0	0	0	0	0	0	0	0	0	3,082	0	0	0	0	0	0	0	0
225.4868 Imperial County Project Ride, Walk, Learn																			
225.4868.01	233,089	0	0	0	0	0	0	0	0	0	19,089	0	0	0	0	214,000	0	0	0
Imperial County Project Ride, Walk, Learn																			
Project Total	233,089	0	0	0	0	0	0	0	0	0	19,089	0	0	0	0	214,000	0	0	0
225.4869 San Gabriel Valley Greenway Network Implementation Plan																			
225.4869.01	216,668	0	0	0	0	0	0	0	0	0	16,668	0	0	0	0	200,000	0	0	0
San Gabriel Valley Greenway Network Implementation Plan																			
Project Total	216,668	0	0	0	0	0	0	0	0	0	16,668	0	0	0	0	200,000	0	0	0

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
225.4884 Government to University Initiative (G2U)																			
225.4884.01	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,000	0
Government to University Initiative (G2U)																			
Project Total	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,000	0
Program Total	5,383,913	0	0	0	0	0	0	0	0	889,115	707,175	0	0	0	0	3,388,356	0	399,267	0
230 Regional Aviation and Airport Ground Access Planning																			
230.0174 Aviation System Planning																			
230.0174.05	423,260	374,712	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48,548	0	0
Regional Aviation Program Development and Implementation in support of RTP/SCS																			
Project Total	423,260	374,712	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48,548	0	0
Program Total	423,260	374,712	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48,548	0	0
265 Express Travel Choices Phase III																			
265.2125 Express Travel Choices																			
265.2125.02	108,574	51,855	0	0	0	50,000	0	0	0	0	0	0	0	0	0	0	6,719	0	5,735
Express Travel Choices Phase III																			
Project Total	108,574	51,855	0	0	0	50,000	0	0	0	0	0	0	0	0	0	0	6,719	0	5,735
Program Total	108,574	51,855	0	0	0	50,000	0	0	0	0	0	0	0	0	0	0	6,719	0	5,735
267 Clean Cities Program																			
267.1241 Clean Cities Coalition																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
267.1241.04	95,000	0	0	0	0	0	0	0	0	90,000	5,000	0	0	0	0	0	0	0	0
SCAG and DOE/NETL Clean Cities Coalition Coordination																			
Project Total	95,000	0	0	0	0	0	0	0	0	90,000	5,000	0	0	0	0	0	0	0	0
Program Total	95,000	0	0	0	0	0	0	0	0	90,000	5,000	0	0	0	0	0	0	0	0
275 Sustainable Communities Program																			
275.4823 Sustainability Planning Grant Program																			
275.4823.02	56,371	0	0	0	0	0	0	0	0	0	51,371	0	0	0	0	0	0	5,000	0
Sustainability Planning Grant Program - 2016 Call (FY19 SB 1 Formula)																			
275.4823.03	21,968	0	0	0	0	0	0	0	0	0	21,968	0	0	0	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY19 SB 1 Formula)																			
275.4823.04	291,996	0	0	0	223,096	0	0	0	0	0	58,302	0	0	0	0	0	0	10,598	0
Sustainability Planning Grant Program - 2016 Call (CPG)																			
275.4823.05	1,212,603	0	0	0	0	0	0	0	0	0	182,894	0	0	1,029,709	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY20 SB 1 Formula)																			
275.4823.06	687,161	0	0	0	0	0	0	0	0	0	111,716	0	0	575,445	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY21 SB 1 Formula)																			
275.4823.07	250,000	0	0	0	0	0	0	0	0	0	28,675	0	0	221,325	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY22 SB 1 Formula)																			
Project Total	2,520,099	0	0	0	223,096	0	0	0	0	0	454,926	0	0	1,826,479	0	0	0	15,598	0
275.4881 Sustainable Communities Program (SCP) - Call for Applications																			
275.4881.01	233,990	0	0	0	0	0	0	0	0	0	26,839	0	0	207,151	0	0	0	0	0
Sustainable Communities Program (SCP) - Call for Applications (FY20 SB 1 Formula)																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
Project Total	233,990	0	0	0	0	0	0	0	0	0	26,839	0	0	207,151	0	0	0	0	0
275.4882 Sustainable Communities Program (SCP) - Project Delivery																			
275.4882.01	689,542	0	0	0	0	0	0	0	0	0	79,091	0	0	610,451	0	0	0	0	0
Sustainable Communities Program (SCP) - Project Delivery (FY21 SB 1 Formula)																			
Project Total	689,542	0	0	0	0	0	0	0	0	0	79,091	0	0	610,451	0	0	0	0	0
275.4892 Sustainable Communities Program - 2020 Call 1 (FY22 SB 1 Formula)																			
275.4892.01	400,743	0	0	0	0	0	0	0	0	0	34,410	0	0	354,777	0	0	11,556	0	0
Sustainable Communities Program - 2020 Call 1 (FY22 SB 1 Formula)																			
275.4892.02	4,670,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,670,000	0	0	0
Sustainable Communities Program - 2020 Call 1 (ATP Cycle 5)																			
Project Total	5,070,743	0	0	0	0	0	0	0	0	0	34,410	0	0	354,777	0	4,670,000	11,556	0	0
275.4893 Mobility as a Service (MaaS) Feasibility White Paper (FY22 SB 1 Formula)																			
275.4893.01	225,000	0	0	0	0	0	0	0	0	0	25,807	0	0	199,193	0	0	0	0	0
Mobility as a Service (MaaS) Feasibility White Paper (FY22 SB 1 Formula)																			
Project Total	225,000	0	0	0	0	0	0	0	0	0	25,807	0	0	199,193	0	0	0	0	0
275.4895 Sustainable Communities Program - 2020 Call 3 (FY22 SB 1 Formula)																			
275.4895.01	1,089,553	0	0	0	0	0	0	0	0	0	114,700	0	0	964,581	0	0	10,272	0	0
Sustainable Communities Program - 2020 Call 3 (FY22 SB 1 Formula)																			
Project Total	1,089,553	0	0	0	0	0	0	0	0	0	114,700	0	0	964,581	0	0	10,272	0	0
275.4899 Sustainable Communities Program - 2020 Call 4 (FY22 SB 1 Formula)																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
275.4899.01	1,000,000	0	0	0	0	0	0	0	0	0	114,700	0	0	885,300	0	0	0	0	0
Sustainable Communities Program - 2020 Call 4 (FY22 SB 1 Formula)																			
Project Total	1,000,000	0	0	0	0	0	0	0	0	0	114,700	0	0	885,300	0	0	0	0	0
Program Total	10,828,927	0	0	0	223,096	0	0	0	0	0	850,473	0	0	5,047,932	0	4,670,000	21,828	15,598	0
280 Future Communities Initiative																			
280.4824 Future Communities Partnership Grant Program																			
280.4824.02	1,290,029	0	0	0	0	0	0	0	0	0	300,029	0	0	0	0	560,000	0	430,000	0
Future Communities Pilot Program (FY19 SB 1 Formula)																			
280.4824.03	98,500	0	0	0	0	0	0	0	0	0	11,297	0	0	87,203	0	0	0	0	0
Future Communities Pilot Program (FY22 SB 1 Formula)																			
Project Total	1,388,529	0	0	0	0	0	0	0	0	0	311,326	0	0	87,203	0	560,000	0	430,000	0
280.4832 Regional Data Platform																			
280.4832.02	559,564	0	0	0	0	0	0	0	0	0	559,564	0	0	0	0	0	0	0	0
Regional Data Platform (FY19 SB 1 Formula)																			
280.4832.03	1,052,390	0	0	0	0	0	0	0	0	0	120,709	0	0	931,681	0	0	0	0	0
Regional Data Platform (FY20 SB 1 Formula)																			
280.4832.04	1,645,593	0	0	0	0	0	0	0	0	0	277,279	0	0	1,368,314	0	0	0	0	0
Regional Data Platform (FY21 SB 1 Formula)																			
Project Total	3,257,547	0	0	0	0	0	0	0	0	0	957,552	0	0	2,299,995	0	0	0	0	0
280.4859 Regional Aerial and Related Product Capture																			

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
280.4859.01	221,294	0	0	0	0	0	0	0	0	0	25,382	0	0	195,912	0	0	0	0	0
Regional Aerial and Related Product Capture (FY20 SB1 Formula)																			
280.4859.02	894,865	0	0	0	0	0	0	0	0	0	230,890	0	0	663,975	0	0	0	0	0
Regional Aerial and Related Product Capture (FY21 SB 1 Formula)																			
Project Total	1,116,159	0	0	0	0	0	0	0	0	0	256,272	0	0	859,887	0	0	0	0	0
Program Total	5,762,235	0	0	0	0	0	0	0	0	0	1,525,150	0	0	3,247,085	0	560,000	0	430,000	0

290 RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES

290.4827 Mobility Innovations & Incentives – Revealed Preference Demonstration Study

290.4827.02	291,226	0	0	0	0	0	0	0	0	0	291,226	0	0	0	0	0	0	0	0
Mobility Innovations & Incentives - Revealed Preference Demonstration Study (FY19 SB 1 Formula)																			
290.4827.03	500,000	0	0	0	0	0	0	0	0	0	57,350	0	0	442,650	0	0	0	0	0
Mobility Innovations & Incentives Study (FY22 SB 1 Formula)																			
Project Total	791,226	0	0	0	0	0	0	0	0	0	348,576	0	0	442,650	0	0	0	0	0

290.4828 Mobility Innovations & Incentives – Equity Analysis

290.4828.02	282,936	0	0	0	0	0	0	0	0	0	282,936	0	0	0	0	0	0	0	0
Mobility Innovations & Incentives - Equity Analysis (FY19 SB 1 Formula)																			
Project Total	282,936	0	0	0	0	0	0	0	0	0	282,936	0	0	0	0	0	0	0	0

290.4829 Integrated Passenger and Freight Rail Forecast

290.4829.02	125,158	0	0	0	0	0	0	0	0	0	17,908	0	0	107,250	0	0	0	0	0
Integrated Passenger and Freight Rail Forecast (FY20 SB 1 Formula)																			
Project Total	125,158	0	0	0	0	0	0	0	0	0	17,908	0	0	107,250	0	0	0	0	0

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290.4830 Housing Monitoring for SCS																			
290.4830.03	65,571	0	0	0	0	0	0	0	0	0	7,521	0	0	58,050	0	0	0	0	0
Housing Monitoring for SCS (FY21 SB 1 Formula)																			
Project Total	65,571	0	0	0	0	0	0	0	0	0	7,521	0	0	58,050	0	0	0	0	0
290.4852 HQT/Sustainable Communities Initiative																			
290.4852.01	96,207	0	0	0	0	0	0	0	0	0	78,501	0	0	17,706	0	0	0	0	0
HQT/Sustainable Communities Initiative (FY20 SB 1 Formula)																			
Project Total	96,207	0	0	0	0	0	0	0	0	0	78,501	0	0	17,706	0	0	0	0	0
290.4862 Open Space Strategic Plan																			
290.4862.01	93,828	0	0	0	0	0	0	0	0	0	93,828	0	0	0	0	0	0	0	0
Regional Planning for Open Space Strategic Plan (FY19 SB 1 Formula)																			
290.4862.02	384,916	0	0	0	0	0	0	0	0	0	178,712	0	0	206,204	0	0	0	0	0
Regional Planning for Open Space Strategic Plan (FY21 SB 1 Formula)																			
290.4862.03	150,405	0	0	0	0	0	0	0	0	0	8,959	0	0	133,154	0	0	8,292	0	0
Regional Planning for Open Space Strategic Plan (FY22 SB 1 Formula)																			
Project Total	629,149	0	0	0	0	0	0	0	0	0	281,499	0	0	339,358	0	0	8,292	0	0
290.4871 Connect SoCal Implementation																			
290.4871.01	1,406,953	0	0	0	0	0	0	0	0	0	0	0	0	1,245,575	0	0	161,378	0	0
Connect SoCal Implementation (FY21 SB 1 Formula)																			
290.4871.02	1,489,272	0	0	0	0	0	0	0	0	0	0	0	0	1,318,452	0	0	170,820	0	0
Connect SoCal Implementation (FY22 SB 1 Formula)																			

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Project Total	2,896,225	0	0	0	0	0	0	0	0	0	0	0	0	2,564,027	0	0	332,198	0	0
290.4896 Regional Resiliency Analysis (FY22 SB 1 Formula)																			
290.4896.01	436,796	0	0	0	0	0	0	0	0	0	28,675	0	0	386,695	0	0	21,426	0	0
Regional Resiliency Analysis (FY22 SB 1 Formula)																			
Project Total	436,796	0	0	0	0	0	0	0	0	0	28,675	0	0	386,695	0	0	21,426	0	0
Program Total	5,323,268	0	0	0	0	0	0	0	0	0	1,045,616	0	0	3,915,736	0	0	361,916	0	0
300 Regional Early Action Planning (REAP) Grants Program																			
300.4887 REAP Grant Sustainable Communities Strategies (SCS) Integration (AB 101)																			
300.4887.01	5,448,979	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,448,979	0	0	0
2020 Sustainable Communities Program (SCP) - Housing and Sustainable Development (HSD) (AB 101)																			
300.4887.02	2,185,193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,185,193	0	0	0
TOD & PGA Work Programs - LA Metro (AB 101)																			
300.4887.03	673,314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	673,314	0	0	0
TOD & PGA Work Programs - SCRRA (Metrolink) (AB 101)																			
300.4887.04	1,435,630	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,435,630	0	0	0
Priority Growth Area Strategies (AB 101)																			
Project Total	9,743,116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,743,116	0	0	0
300.4888 Regional Housing Needs Assessment (RHNA) (AB 101)																			
300.4888.01	260,052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260,052	0	0	0
Regional Housing Needs Assessment (RHNA) (AB 101)																			
Project Total	260,052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260,052	0	0	0

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	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
300.4889 REAP Grant Partnerships & Outreach (AB 101)																			
300.4889.01	25,414,745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,414,745	0	0	0
Subregional Partnership Program (AB 101)																			
300.4889.02	1,153,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,153,700	0	0	0
Call for Collaboration (AB 101)																			
300.4889.03	956,809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	956,809	0	0	0
Leadership Academy (AB 101)																			
300.4889.04	370,254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	370,254	0	0	0
Pro-Housing Campaign (AB 101)																			
Project Total	27,895,508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,895,508	0	0	0
300.4890 REAP Grant Housing Policy Solutions (AB 101)																			
300.4890.01	536,925	0	0	0	0	0	0	0	0	0	0	0	0	0	0	536,925	0	0	0
Data Tools and Technical Support for Housing Element Updates (AB 101)																			
300.4890.02	995,831	0	0	0	0	0	0	0	0	0	0	0	0	0	0	995,831	0	0	0
Research/Policy Briefs, Honorariums, University Partnerships (AB 101)																			
Project Total	1,532,756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,532,756	0	0	0
300.4891 REAP Administration (AB 101)																			
300.4891.01	8,019,591	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,019,591	0	0	0
Reporting and Invoicing (AB 101)																			
300.4891.02	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,000	0	0	0
Final Report to Legislature (AB 101)																			
Project Total	8,039,591	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,039,591	0	0	0

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Revenues

	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
Program Total	47,471,023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,471,023	0	0	0
310 Planning Strategy Development and Implementation																			
310.4874 Planning Strategy Development and Implementation																			
310.4874.01	1,110,466	540,445	0	0	0	0	0	0	0	0	500,000	0	0	0	0	0	70,021	0	0
Connect SoCal Development																			
310.4874.02	745,269	659,786	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85,483	0	0
Key Connections Strategy Team																			
310.4874.03	1,020,849	503,757	0	400,000	0	0	0	0	0	0	0	0	0	0	0	0	117,092	0	0
Planning Studios																			
310.4874.04	726,937	643,557	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83,380	0	0
Connect SoCal Performance Measurement & Monitoring																			
310.4874.06	200,000	0	0	0	0	0	0	0	0	0	22,940	0	0	177,060	0	0	0	0	0
Connect SoCal Performance Measures & Monitoring (FY22 SB 1 Formula)																			
Project Total	3,803,521	2,347,545	0	400,000	0	0	0	0	0	0	522,940	0	0	177,060	0	0	355,976	0	0
310.4883 Transportation Safety																			
310.4883.01	346,450	129,652	0	0	0	200,000	0	0	0	0	0	0	0	0	0	0	16,798	0	22,940
Transportation Safety																			
Project Total	346,450	129,652	0	0	0	200,000	0	0	0	0	0	0	0	0	0	0	16,798	0	22,940
Program Total	4,149,971	2,477,197	0	400,000	0	200,000	0	0	0	0	522,940	0	0	177,060	0	0	372,774	0	22,940
315 Last Mile Freight Program																			
315.4898 Last Mile Freight Program																			

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Revenues

	Total	FHWA PL	FHWA PL TC	FHWA PL Carryover	FTA 5303	FTA 5303 TC	FTA 5303 Carryover	FHWA SP&R/P	FTA 5304	Federal Other	TDA	SB1 Adaptation	SB1 Competitive	SB1 Formula	SHA	State Other	In-Kind Commits	Cash/Local Other	Toll Credits Not a revenue
315.4898.01	10,053,308	0	0	0	0	0	0	0	0	0	53,308	0	0	0	0	10,000,000	0	0	0
Last Mile Freight Program (MSRC)																			
Project Total	10,053,308	0	0	0	0	0	0	0	0	0	53,308	0	0	0	0	10,000,000	0	0	0
Program Total	10,053,308	0	0	0	0	0	0	0	0	0	53,308	0	0	0	0	10,000,000	0	0	0
Grand Total	\$134,361,924	\$20,450,065	\$0	\$1,000,000	\$4,012,750	\$6,352,646	\$7,600,000	\$997,365	\$449,146	\$979,115	\$7,656,992	\$0	\$0	\$12,387,813	\$651,283	\$66,089,379	\$4,563,689	\$1,171,681	\$728,658



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021–2022

SECTION V

**Budget Expenditure
Report**

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
010 System Planning														
010.0170 Regional Transportation Plan (RTP)														
010.0170.01	391,527	79,190	61,961	0	199,467	0	6,000	0	0	0	0	44,909	0	0
RTP Amendments, Management and Coordination														
Project Total	391,527	79,190	61,961	0	199,467	0	6,000	0	0	0	0	44,909	0	0
010.1631 Congestion MGMT./Travel Demand MGMT.														
010.1631.02	358,233	73,500	57,509	0	185,134	0	1,000	0	0	0	0	41,090	0	0
Transportation Demand Management (TDM) Planning														
010.1631.04	15,674	3,226	2,524	0	8,126	0	0	0	0	0	0	1,798	0	0
Congestion Management Process (CMP)														
010.1631.06	366,000	0	0	0	0	0	0	0	0	366,000	0	0	0	41,981
TDM Strategic Plan Phase 2 - Implementation														
010.1631.07	244,375	1,531	1,198	0	3,857	0	0	0	0	236,935	0	854	0	27,177
Planning for the 2028 Olympics														
Project Total	984,282	78,257	61,231	0	197,117	0	1,000	0	0	602,935	0	43,742	0	69,158
010.2106 System Management and Preservation														
010.2106.02	108,119	22,253	17,412	0	56,052	0	0	0	0	0	0	12,402	0	0
System Management and Preservation														
Project Total	108,119	22,253	17,412	0	56,052	0	0	0	0	0	0	12,402	0	0
Work Element Total	1,483,928	179,700	140,604	0	452,636	0	7,000	0	0	602,935	0	101,053	0	69,158

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
015 Transportation Finance														
015.0159 Transportation Finance														
015.0159.01 RTP Financial Planning	414,693	70,645	55,275	0	177,942	2,500	6,500	10,000	0	50,000	0	41,831	0	5,735
015.0159.02 Transportation User Fee - Planning Groundwork Project Phase II	408,574	12,056	9,433	0	30,366	0	0	0	57,000	293,000	0	6,719	0	33,608
Project Total	823,267	82,701	64,708	0	208,308	2,500	6,500	10,000	57,000	343,000	0	48,550	0	39,343
Work Element Total	823,267	82,701	64,708	0	208,308	2,500	6,500	10,000	57,000	343,000	0	48,550	0	39,343
020 Environmental Planning														
020.0161 Environmental Compliance														
020.0161.04 Environmental Compliance, Coordination & Outreach	1,125,692	195,240	152,762	0	491,778	4,000	5,000	15,000	0	150,000	0	111,912	0	17,205
020.0161.05 Intergovernmental Review (IGR)	96,571	19,877	15,552	0	50,065	0	0	0	0	0	0	11,077	0	0
020.0161.06 Environmental Justice Outreach and Policy Coordination	586,534	120,722	94,457	0	304,079	0	0	0	0	0	0	67,276	0	0
Project Total	1,808,797	335,839	262,771	0	845,922	4,000	5,000	15,000	0	150,000	0	190,265	0	17,205
Work Element Total	1,808,797	335,839	262,771	0	845,922	4,000	5,000	15,000	0	150,000	0	190,265	0	17,205
025 Air Quality and Conformity														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
025.0164	Air Quality Planning and Conformity													
025.0164.01	869,697	164,596	128,785	0	414,590	0	0	0	0	70,000	0	91,726	0	8,029
Air Quality Planning and Conformity														
Project Total	869,697	164,596	128,785	0	414,590	0	0	0	0	70,000	0	91,726	0	8,029
Work Element Total	869,697	164,596	128,785	0	414,590	0	0	0	0	70,000	0	91,726	0	8,029
030	Federal Transportation Improvement Program (FTIP)													
030.0146	Federal Transportation Improvement Program													
030.0146.02	2,294,696	472,301	369,544	0	1,189,649	0	0	0	0	0	0	263,202	0	0
Federal Transportation Improvement Program														
Project Total	2,294,696	472,301	369,544	0	1,189,649	0	0	0	0	0	0	263,202	0	0
Work Element Total	2,294,696	472,301	369,544	0	1,189,649	0	0	0	0	0	0	263,202	0	0
045	Geographic Information System (GIS)													
045.0142	Application Development													
045.0142.05	188,721	3,970	3,106	0	9,998	0	0	150,000	0	0	0	21,647	0	0
Advanced Technical Support														
045.0142.12	1,333,928	160,975	125,952	0	405,469	0	0	400,000	0	100,000	0	141,532	0	11,470
Enterprise GIS (EGIS) Implementation - Maint. & Support														
045.0142.22	1,116,347	210,291	164,538	0	529,688	0	0	0	0	94,640	0	117,190	0	10,856
Planning System Development														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
045.0142.23	755,645	146,267	114,444	0	368,423	0	0	0	0	45,000	0	81,511	0	5,162
Enterprise GIS (EGIS) Implementation - Capitalized Software														
045.0142.25	449,981	10,251	8,021	0	25,820	0	0	0	0	400,176	0	5,713	0	45,901
FTIP System														
045.0142.26	202,257	41,629	32,572	0	104,857	0	0	0	0	0	0	23,199	0	0
Regional ATDB Development and Enhancements (Capitalized)														
Project Total	4,046,879	573,383	448,633	0	1,444,255	0	0	550,000	0	639,816	0	390,792	0	73,389
045.0694	GIS Development and Applications													
045.0694.01	737,208	151,734	118,722	0	382,194	0	0	0	0	0	0	84,558	0	0
GIS Development and Applications														
045.0694.03	200,256	41,217	32,250	0	103,819	0	0	0	0	0	0	22,970	0	0
Professional GIS Services Program Support														
045.0694.04	479,125	78,033	61,055	0	196,551	0	0	0	0	100,000	0	43,486	0	11,470
GIS Modeling and Analytics														
Project Total	1,416,589	270,984	212,027	0	682,564	0	0	0	0	100,000	0	151,014	0	11,470
Work Element Total	5,463,468	844,367	660,660	0	2,126,819	0	0	550,000	0	739,816	0	541,806	0	84,859
050	Active Transportation Planning													
050.0169	Active Transportation Planning													
050.0169.01	355,665	73,204	57,277	0	184,389	0	0	0	0	0	0	40,795	0	0
RTP/SCS Active Transportation Development & Implementation														
050.0169.06	337,946	69,092	54,060	0	174,031	0	2,000	0	0	0	0	38,763	0	0
Active Transportation Program														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
050.0169.07	252,841	33,465	26,184	0	84,292	0	0	0	0	90,250	0	18,650	0	10,352
Regional Active Transportation Data Partnership Platform (Non-Capitalized)														
050.0169.08	203,754	21,355	16,709	0	53,789	0	0	0	0	0	100,000	11,901	0	0
Public Health														
050.0169.09	15,000	0	0	0	0	0	0	0	15,000	0	0	0	0	0
Community Based Organization														
Project Total	1,165,206	197,116	154,230	0	496,501	0	2,000	0	15,000	90,250	100,000	110,109	0	10,352
Work Element Total	1,165,206	197,116	154,230	0	496,501	0	2,000	0	15,000	90,250	100,000	110,109	0	10,352
055	Regional Forecasting, Socioeconomic Technical & Policy Analysis													
055.0133	Integrated Growth Forecasts													
055.0133.06	387,925	29,339	22,956	0	73,900	0	0	0	0	245,380	0	16,350	0	28,146
University Partnership & Collaboration														
Project Total	387,925	29,339	22,956	0	73,900	0	0	0	0	245,380	0	16,350	0	28,146
055.0704	Region Wide Data Collection & Analysis													
055.0704.02	737,931	35,638	27,885	0	89,767	0	0	500,000	0	0	0	84,641	0	0
Region-Wide Data Coordination														
Project Total	737,931	35,638	27,885	0	89,767	0	0	500,000	0	0	0	84,641	0	0
055.1531	Southern California Economic Growth Strategy													
055.1531.01	933,365	130,361	101,999	0	328,358	0	0	0	0	300,000	0	72,647	0	34,410
Southern California Economic Growth Strategy														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
055.1531.02	126,954	26,130	20,445	0	65,817	0	0	0	0	0	0	14,562	0	0
Economic Analysis of Transportation Planning Activities & Investments														
Project Total	1,060,319	156,491	122,444	0	394,175	0	0	0	0	300,000	0	87,209	0	34,410
055.4856	Scenario Planning & Local Input: Pathways to the 2020 RTP/SCS													
055.4856.01	786,719	126,935	99,318	0	319,728	0	0	0	0	170,000	0	70,738	0	19,499
Regional Growth and Policy Analysis														
055.4856.02	527,643	108,601	84,973	0	273,548	0	0	0	0	0	0	60,521	0	0
Outreach and Technical Collaboration														
055.4856.04	130,879	17,025	13,321	0	42,881	0	2,500	0	45,340	0	0	9,812	0	0
Tax Increment Financing for Sustainable Growth														
Project Total	1,445,241	252,561	197,612	0	636,157	0	2,500	0	45,340	170,000	0	141,071	0	19,499
Work Element Total	3,631,416	474,029	370,897	0	1,193,999	0	2,500	500,000	45,340	715,380	0	329,271	0	82,055
060	Corridor Planning													
060.0124	Corridor Planning													
060.0124.01	87,467	18,003	14,086	0	45,345	0	0	0	0	0	0	10,033	0	0
Corridor Planning														
Project Total	87,467	18,003	14,086	0	45,345	0	0	0	0	0	0	10,033	0	0
Work Element Total	87,467	18,003	14,086	0	45,345	0	0	0	0	0	0	10,033	0	0
065	Sustainability Program													

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
065.0137	Sustainability Program													
065.0137.07	100,075	22,104	17,295	0	55,676	0	0	5,000	0	0	0	0	0	0
	Local Technical Assistance and Toolbox Tuesdays													
065.0137.08	88,793	19,481	15,243	0	49,069	0	0	5,000	0	0	0	0	0	0
	Sustainability Recognition Awards													
065.0137.12	150,353	34,374	26,896	0	86,583	0	2,500	0	0	0	0	0	0	0
	Electric Vehicle (EV) Program Readiness Strategies													
Project Total	339,221	75,959	59,434	0	191,328	0	2,500	10,000	0	0	0	0	0	0
065.4092	GHG Adaptation Framework													
065.4092.01	240,355	32,334	25,300	0	81,445	0	4,000	25,442	50,000	0	0	21,834	0	0
	Adaptation Analysis													
Project Total	240,355	32,334	25,300	0	81,445	0	4,000	25,442	50,000	0	0	21,834	0	0
065.4853	Greenhouse Gas Reduction Fund (GGRF) Technical Assistance													
065.4853.01	16,760	3,450	2,699	0	8,688	0	0	0	0	0	0	1,923	0	0
	Greenhouse Gas Reduction Fund (GGRF) Technical Assistance													
Project Total	16,760	3,450	2,699	0	8,688	0	0	0	0	0	0	1,923	0	0
065.4855	Mobility Innovations/Technology Study													
065.4855.02	7,424	1,726	1,351	0	4,347	0	0	0	0	0	0	0	0	0
	Ride Hailing Data Collection and Analysis (SANDAG Grant Partnership)													
Project Total	7,424	1,726	1,351	0	4,347	0	0	0	0	0	0	0	0	0
065.4858	Regional Resiliency Analysis													

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
065.4858.01	307,561	62,954	49,258	0	158,571	0	1,500	0	0	0	0	35,278	0	0
Regional Resiliency Analysis														
Project Total	307,561	62,954	49,258	0	158,571	0	1,500	0	0	0	0	35,278	0	0
065.4876	Priority Agricultural Lands													
065.4876.01	144,111	19,254	15,065	0	48,497	0	500	0	0	0	50,000	10,795	0	0
Priority Agricultural Lands														
Project Total	144,111	19,254	15,065	0	48,497	0	500	0	0	0	50,000	10,795	0	0
065.4878	Natural & Agricultural Lands Policy Development & Implementation													
065.4878.01	80,616	16,593	12,983	0	41,793	0	0	0	0	0	0	9,247	0	0
Natural & Agricultural Lands Policy Development & Implementation														
Project Total	80,616	16,593	12,983	0	41,793	0	0	0	0	0	0	9,247	0	0
Work Element Total	1,136,048	212,270	166,090	0	534,669	0	8,500	35,442	50,000	0	50,000	79,077	0	0
070	Modeling													
070.0130	Regional Transp. Model Development and Maintenance													
070.0130.10	996,839	156,804	122,689	0	394,963	0	0	0	0	235,000	0	87,383	0	26,955
Model Enhancement and Maintenance														
070.0130.12	1,006,455	136,657	106,925	0	344,217	0	0	0	0	342,500	0	76,156	0	39,285
Heavy Duty Truck (HDT) Model Update														
070.0130.13	1,042,873	142,609	111,582	0	359,209	0	0	0	0	350,000	0	79,473	0	40,145
Activity-Based Model (ABM) Development and Support														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
Project Total	3,046,167	436,070	341,196	0	1,098,389	0	0	0	0	927,500	0	243,012	0	106,385
070.0132	Regional and Subregional Model Coordination/Outreach													
070.0132.01	179,124	36,868	28,847	0	92,863	0	0	0	0	0	0	20,546	0	0
Subregional Model Development, Coordination and Outreach														
070.0132.04	256,816	52,859	41,358	0	133,142	0	0	0	0	0	0	29,457	0	0
Regional Modeling Coordination and Modeling Task Force														
070.0132.08	617,172	127,028	99,391	0	319,963	0	0	0	0	0	0	70,790	0	0
Model Data Distribution and Support														
Project Total	1,053,112	216,755	169,596	0	545,968	0	0	0	0	0	0	120,793	0	0
070.0147	Model Application & Analysis													
070.0147.01	689,501	141,915	111,039	0	357,461	0	0	0	0	0	0	79,086	0	0
RTP/FTIP Modeling, Coordination and Analysis														
070.0147.03	242,849	49,984	39,109	0	125,901	0	0	0	0	0	0	27,855	0	0
Special Planning Studies Modeling and Analysis														
Project Total	932,350	191,899	150,148	0	483,362	0	0	0	0	0	0	106,941	0	0
070.2665	Scenario Planning and Growth Forecasting													
070.2665.01	1,428,258	269,932	211,204	0	679,914	0	0	0	0	200,000	0	67,208	0	22,940
Scenario Planning and Modeling														
070.2665.02	1,826,447	375,924	294,136	0	946,893	0	0	0	0	0	0	209,494	0	0
Growth Forecasting - Development, Outreach, and Collaboration														
Project Total	3,254,705	645,856	505,340	0	1,626,807	0	0	0	0	200,000	0	276,702	0	22,940
070.4851	Cloud Infrastructure													

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
070.4851.01	588,148	49,016	38,352	0	123,464	0	0	0	350,000	0	0	27,316	0	0
Cloud Infrastructure														
Project Total	588,148	49,016	38,352	0	123,464	0	0	0	350,000	0	0	27,316	0	0
Work Element Total	8,874,482	1,539,596	1,204,632	0	3,877,990	0	0	0	350,000	1,127,500	0	774,764	0	129,325

080 Performance Assessment & Monitoring

080.0153 Performance Assessment & Monitoring

080.0153.04	288,195	56,847	44,479	0	143,189	0	0	0	0	0	12,000	31,680	0	0
Regional Assessment														
Project Total	288,195	56,847	44,479	0	143,189	0	0	0	0	0	12,000	31,680	0	0

080.4854 RTP/SCS Performance Monitoring

080.4854.01	304,370	61,484	48,107	0	154,867	0	5,000	0	0	0	0	34,912	0	0
RTP/SCS Performance Monitoring														
Project Total	304,370	61,484	48,107	0	154,867	0	5,000	0	0	0	0	34,912	0	0
Work Element Total	592,565	118,331	92,586	0	298,056	0	5,000	0	0	0	12,000	66,592	0	0

090 Public Information & Communications

090.0148 Public Information and Communication

090.0148.01	3,020,967	540,475	422,885	0	1,361,370	0	0	100,000	0	308,000	0	288,237	0	35,328
Public Information and Communication														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
090.0148.02	593,703	100,453	78,598	0	253,024	0	0	5,000	0	100,000	0	56,628	0	11,470
Media Support for Planning Activities														
Project Total	3,614,670	640,928	501,483	0	1,614,394	0	0	105,000	0	408,000	0	344,865	0	46,798
Work Element Total	3,614,670	640,928	501,483	0	1,614,394	0	0	105,000	0	408,000	0	344,865	0	46,798

095 Regional Outreach and Public Participation

095.1533	Regional Transportation Plan Development Outreach													
095.1533.01	706,956	68,255	53,405	0	171,922	0	4,000	4,000	0	366,300	0	39,074	0	42,015
Regional Transportation Plan Outreach														
095.1533.02	581,181	0	0	200,000	340,342	0	0	40,839	0	0	0	0	0	0
Regional Planning & Policy Intern Program														
Project Total	1,288,137	68,255	53,405	200,000	512,264	0	4,000	44,839	0	366,300	0	39,074	0	42,015
095.1633	Regional Outreach and Public Participation													
095.1633.01	2,891,198	593,710	464,538	0	1,495,460	0	20,000	14,000	0	0	0	303,490	0	0
Public Involvement														
Project Total	2,891,198	593,710	464,538	0	1,495,460	0	20,000	14,000	0	0	0	303,490	0	0
Work Element Total	4,179,335	661,965	517,943	200,000	2,007,724	0	24,000	58,839	0	366,300	0	342,564	0	42,015

100 Intelligent Transportation Systems (ITS)

100.1630 Intelligent Transportation Systems Planning

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
100.1630.02	96,432	19,848	15,530	0	49,993	0	0	0	0	0	0	11,061	0	0
Intelligent Transportation Systems (ITS) Planning														
100.1630.04	226,400	0	0	0	0	0	0	0	0	226,400	0	0	0	25,969
Regional ITS Architecture Update – Ph 2														
Project Total	322,832	19,848	15,530	0	49,993	0	0	0	0	226,400	0	11,061	0	25,969
Work Element Total	322,832	19,848	15,530	0	49,993	0	0	0	0	226,400	0	11,061	0	25,969

120 OWP Development and Administration

120.0175	OWP Development & Administration													
120.0175.01	1,302,099	268,002	209,693	0	675,053	0	0	0	0	0	0	149,351	0	0
OWP Development & Administration														
120.0175.02	219,386	49,337	38,603	0	124,272	0	0	7,174	0	0	0	0	0	0
Grant Administration														
Project Total	1,521,485	317,339	248,296	0	799,325	0	0	7,174	0	0	0	149,351	0	0
Work Element Total	1,521,485	317,339	248,296	0	799,325	0	0	7,174	0	0	0	149,351	0	0

130 Goods Movement

130.0162	Goods Movement													
130.0162.02	165,373	23,746	18,580	0	59,813	0	0	0	0	50,000	0	13,234	0	5,735
Southern California National Freight Gateway Collaboration														
130.0162.13	158,236	17,132	13,405	0	43,151	0	0	0	0	75,000	0	9,548	0	8,603
Southern California P3 Financial Capacity Analysis and Business Case Development														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
130.0162.18	2,205,173	322,825	252,589	0	813,145	2,500	0	30,000	0	600,000	0	184,114	0	68,820
Goods Movement Planning														
Project Total	2,528,782	363,703	284,574	0	916,109	2,500	0	30,000	0	725,000	0	206,896	0	83,158
Work Element Total	2,528,782	363,703	284,574	0	916,109	2,500	0	30,000	0	725,000	0	206,896	0	83,158

140 Transit and Rail Planning

140.0121	Transit and Rail Planning													
140.0121.01	396,211	81,084	63,443	0	204,238	0	2,000	0	0	0	0	45,446	0	0
Transit Planning														
140.0121.02	284,094	58,473	45,751	0	147,284	0	0	0	0	0	0	32,586	0	0
Regional High Speed Transport Program														
140.0121.08	136,866	7,588	5,937	0	19,112	0	0	0	0	100,000	0	4,229	0	11,470
Transit Asset Management (TAM) Planning														
140.0121.09	314,721	7,588	5,937	0	19,112	0	0	0	0	277,855	0	4,229	0	31,870
Regional Dedicated Transit Lanes Study														
140.0121.10	197,076	7,588	5,937	0	19,112	0	0	0	0	160,210	0	4,229	0	18,377
Mobility as a Service (MaaS) Feasibility White Paper														
Project Total	1,328,968	162,321	127,005	0	408,858	0	2,000	0	0	538,065	0	90,719	0	61,717
Work Element Total	1,328,968	162,321	127,005	0	408,858	0	2,000	0	0	538,065	0	90,719	0	61,717

145 Sustainable Communities, Strategic Partnerships and Adaptation Planning Grant Program

145.4818 Westside Mobility Study Update

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
145.4818.01	99,282	998	781	0	2,514	0	0	0	94,989	0	0	0	0	0
Westside Mobility Study Update														
Project Total	99,282	998	781	0	2,514	0	0	0	94,989	0	0	0	0	0
145.4846	Wilmington Freight Mitigation Project													
145.4846.01	217,619	22,986	17,985	0	57,898	0	0	0	100,000	0	0	0	18,750	0
Wilmington Freight Mitigation Project														
Project Total	217,619	22,986	17,985	0	57,898	0	0	0	100,000	0	0	0	18,750	0
145.4847	Ventura County Freight Corridor Study													
145.4847.01	50,278	6,895	5,395	0	17,367	0	0	621	20,000	0	0	0	0	0
Ventura County Freight Corridor Study														
Project Total	50,278	6,895	5,395	0	17,367	0	0	621	20,000	0	0	0	0	0
145.4865	Southern California Goods Movement Communities Freight Impact Assessment													
145.4865.01	247,585	0	0	0	0	0	0	8,065	239,520	0	0	0	0	0
Southern California Goods Movement Communities Freight Impact Assessment														
Project Total	247,585	0	0	0	0	0	0	8,065	239,520	0	0	0	0	0
145.4866	East San Gabriel Valley Mobility Plan													
145.4866.01	419,478	5,110	3,998	0	12,870	0	0	0	397,500	0	0	0	0	0
East San Gabriel Valley Mobility Plan														
Project Total	419,478	5,110	3,998	0	12,870	0	0	0	397,500	0	0	0	0	0
145.4867	Curb Space Management Study													

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
145.4867.01	666,876	9,325	7,296	0	23,487	0	0	1,597	625,171	0	0	0	0	0
Curb Space Management Study														
Project Total	666,876	9,325	7,296	0	23,487	0	0	1,597	625,171	0	0	0	0	0
145.4885	I-710 North Mobility Hubs Plan													
145.4885.01	503,336	7,750	6,064	0	19,522	0	0	0	470,000	0	0	0	0	0
I-710 North Mobility Hubs Plan														
Project Total	503,336	7,750	6,064	0	19,522	0	0	0	470,000	0	0	0	0	0
Work Element Total	2,204,454	53,064	41,519	0	133,658	0	0	10,283	1,947,180	0	0	0	18,750	0
155	Sustainable Communities Planning Grant Program													
155.4863	Transportation Broadband Strategies to Reduce VMT and GHG													
155.4863.01	242,533	5,342	4,180	0	13,454	0	0	7,025	200,000	0	0	0	12,532	0
Transportation Broadband Strategies to Reduce VMT and GHG														
Project Total	242,533	5,342	4,180	0	13,454	0	0	7,025	200,000	0	0	0	12,532	0
155.4864	SB 743 VMT Mitigation Assistance Program													
155.4864.01	588,349	16,796	13,142	0	42,305	0	0	0	516,106	0	0	0	0	0
SB 743 VMT Mitigation Assistance Program														
Project Total	588,349	16,796	13,142	0	42,305	0	0	0	516,106	0	0	0	0	0
Work Element Total	830,882	22,138	17,322	0	55,759	0	0	7,025	716,106	0	0	0	12,532	0

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
225	Special Grant Projects													
225.3564	SO. CALIF. Active Transportation Safety & Encouragement Campaign													
225.3564.10	147,467	4,991	3,905	0	12,571	0	0	0	126,000	0	0	0	0	0
Go Human - MSRC - Sustainability Planning Grants														
225.3564.11	111,065	12,188	9,536	0	30,699	0	0	0	55,000	0	0	0	3,642	0
SCAG 2017 Active Transportation Safety and Encouragement Campaign														
225.3564.14	2,116,989	20,500	16,040	0	51,636	0	0	14,188	2,014,625	0	0	0	0	0
SCAG 2019 Local Demonstration Initiative														
225.3564.16	1,322,790	123,060	96,287	0	309,969	0	0	10,387	225,651	0	557,436	0	0	0
FY21 OTS - Pedestrian and Bicycle Safety Program														
Project Total	3,698,311	160,739	125,768	0	404,875	0	0	24,575	2,421,276	0	557,436	0	3,642	0
225.4837	SCAG 2017 Active Transportation Local Planning Initiative													
225.4837.01	1,182,763	11,266	8,815	0	28,376	0	0	12,949	899,115	0	0	0	222,242	0
SCAG 2017 Active Transportation Local Planning Initiative														
Project Total	1,182,763	11,266	8,815	0	28,376	0	0	12,949	899,115	0	0	0	222,242	0
225.4839	SCAG Active Transportation Disadvantaged Communities Plans													
225.4839.01	3,082	0	0	0	0	0	0	0	3,082	0	0	0	0	0
Disadvantaged Communities Active Transportation Planning														
Project Total	3,082	0	0	0	0	0	0	0	3,082	0	0	0	0	0
225.4868	Imperial County Project Ride, Walk, Learn													
225.4868.01	233,089	4,438	3,473	0	11,178	0	0	0	214,000	0	0	0	0	0
Imperial County Project Ride, Walk, Learn														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
Project Total	233,089	4,438	3,473	0	11,178	0	0	0	214,000	0	0	0	0	0
225.4869	San Gabriel Valley Greenway Network Implementation Plan													
225.4869.01	216,668	3,875	3,032	0	9,761	0	0	0	200,000	0	0	0	0	0
	San Gabriel Valley Greenway Network Implementation Plan													
Project Total	216,668	3,875	3,032	0	9,761	0	0	0	200,000	0	0	0	0	0
225.4884	Government to University Initiative (G2U)													
225.4884.01	50,000	0	0	0	0	0	0	50,000	0	0	0	0	0	0
	Government to University Initiative (G2U)													
Project Total	50,000	0	0	0	0	0	0	50,000	0	0	0	0	0	0
Work Element Total	5,383,913	180,318	141,088	0	454,190	0	0	87,524	3,737,473	0	557,436	0	225,884	0
230	Regional Aviation and Airport Ground Access Planning													
230.0174	Aviation System Planning													
230.0174.05	423,260	87,117	68,163	0	219,432	0	0	0	0	0	0	48,548	0	0
	Regional Aviation Program Development and Implementation in support of RTP/SCS													
Project Total	423,260	87,117	68,163	0	219,432	0	0	0	0	0	0	48,548	0	0
Work Element Total	423,260	87,117	68,163	0	219,432	0	0	0	0	0	0	48,548	0	0
265	Express Travel Choices Phase III													
265.2125	Express Travel Choices													

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
265.2125.02	108,574	12,056	9,433	0	30,366	0	0	0	0	50,000	0	6,719	0	5,735
Express Travel Choices Phase III														
Project Total	108,574	12,056	9,433	0	30,366	0	0	0	0	50,000	0	6,719	0	5,735
Work Element Total	108,574	12,056	9,433	0	30,366	0	0	0	0	50,000	0	6,719	0	5,735
267 Clean Cities Program														
267.1241 Clean Cities Coalition														
267.1241.04	95,000	19,845	15,527	0	49,985	0	5,000	4,643	0	0	0	0	0	0
SCAG and DOE/NETL Clean Cities Coalition Coordination														
Project Total	95,000	19,845	15,527	0	49,985	0	5,000	4,643	0	0	0	0	0	0
Work Element Total	95,000	19,845	15,527	0	49,985	0	5,000	4,643	0	0	0	0	0	0
275 Sustainable Communities Program														
275.4823 Sustainability Planning Grant Program														
275.4823.02	56,371	1,714	1,341	0	4,316	0	4,000	0	45,000	0	0	0	0	0
Sustainability Planning Grant Program - 2016 Call (FY19 SB 1 Formula)														
275.4823.03	21,968	690	540	0	1,738	0	2,000	0	17,000	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY19 SB 1 Formula)														
275.4823.04	291,996	3,877	3,034	0	9,766	0	0	12,721	262,598	0	0	0	0	0
Sustainability Planning Grant Program - 2016 Call (CPG)														
275.4823.05	1,212,603	10,575	8,274	0	26,635	0	4,000	0	1,163,119	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY20 SB 1 Formula)														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
275.4823.06	687,161	8,640	6,760	0	21,761	0	0	0	650,000	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY21 SB 1 Formula)														
275.4823.07	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0	0
Sustainable Communities Program - 2018 Call (FY22 SB 1 Formula)														
Project Total	2,520,099	25,496	19,949	0	64,216	0	10,000	12,721	2,387,717	0	0	0	0	0
275.4881	Sustainable Communities Program (SCP) - Call for Applications													
275.4881.01	233,990	53,703	42,019	0	135,268	0	0	3,000	0	0	0	0	0	0
Sustainable Communities Program (SCP) - Call for Applications (FY20 SB 1 Formula)														
Project Total	233,990	53,703	42,019	0	135,268	0	0	3,000	0	0	0	0	0	0
275.4882	Sustainable Communities Program (SCP) - Project Delivery													
275.4882.01	689,542	156,501	122,451	0	394,200	0	0	16,390	0	0	0	0	0	0
Sustainable Communities Program (SCP) - Project Delivery (FY21 SB 1 Formula)														
Project Total	689,542	156,501	122,451	0	394,200	0	0	16,390	0	0	0	0	0	0
275.4892	Sustainable Communities Program - 2020 Call 1 (FY22 SB 1 Formula)													
275.4892.01	400,743	20,735	16,224	0	52,228	0	0	0	300,000	0	0	11,556	0	0
Sustainable Communities Program - 2020 Call 1 (FY22 SB 1 Formula)														
275.4892.02	4,670,000	0	0	0	0	0	0	0	4,670,000	0	0	0	0	0
Sustainable Communities Program - 2020 Call 1 (ATP Cycle 5)														
Project Total	5,070,743	20,735	16,224	0	52,228	0	0	0	4,970,000	0	0	11,556	0	0
275.4893	Mobility as a Service (MaaS) Feasibility White Paper (FY22 SB 1 Formula)													
275.4893.01	225,000	0	0	0	0	0	0	0	225,000	0	0	0	0	0
Mobility as a Service (MaaS) Feasibility White Paper (FY22 SB 1 Formula)														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
Project Total	225,000	0	0	0	0	0	0	0	225,000	0	0	0	0	0
275.4895	Sustainable Communities Program - 2020 Call 3 (FY22 SB 1 Formula)													
275.4895.01	1,089,553	18,432	14,422	0	46,427	0	0	0	1,000,000	0	0	10,272	0	0
Sustainable Communities Program - 2020 Call 3 (FY22 SB 1 Formula)														
Project Total	1,089,553	18,432	14,422	0	46,427	0	0	0	1,000,000	0	0	10,272	0	0
275.4899	Sustainable Communities Program - 2020 Call 4 (FY22 SB 1 Formula)													
275.4899.01	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	0	0
Sustainable Communities Program - 2020 Call 4 (FY22 SB 1 Formula)														
Project Total	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	0	0
Work Element Total	10,828,927	274,867	215,065	0	692,339	0	10,000	32,111	9,582,717	0	0	21,828	0	0
280	Future Communities Initiative													
280.4824	Future Communities Partnership Grant Program													
280.4824.02	1,290,029	65,479	51,233	0	164,929	0	0	0	598,388	0	0	0	410,000	0
Future Communities Pilot Program (FY19 SB 1 Formula)														
280.4824.03	98,500	0	0	0	0	0	0	0	98,500	0	0	0	0	0
Future Communities Pilot Program (FY22 SB 1 Formula)														
Project Total	1,388,529	65,479	51,233	0	164,929	0	0	0	696,888	0	0	0	410,000	0
280.4832	Regional Data Platform													
280.4832.02	559,564	95,554	74,764	0	240,683	0	0	0	148,563	0	0	0	0	0
Regional Data Platform (FY19 SB 1 Formula)														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
280.4832.03	1,052,390	70,303	55,007	0	177,080	0	0	0	750,000	0	0	0	0	0
Regional Data Platform (FY20 SB 1 Formula)														
280.4832.04	1,645,593	20,529	16,063	0	51,708	0	0	271,793	1,285,500	0	0	0	0	0
Regional Data Platform (FY21 SB 1 Formula)														
Project Total	3,257,547	186,386	145,834	0	469,471	0	0	271,793	2,184,063	0	0	0	0	0
280.4859	Regional Aerial and Related Product Capture													
280.4859.01	221,294	37,499	29,341	0	94,454	0	0	0	60,000	0	0	0	0	0
Regional Aerial and Related Product Capture (FY20 SB1 Formula)														
280.4859.02	894,865	33,680	26,352	0	84,833	0	0	0	750,000	0	0	0	0	0
Regional Aerial and Related Product Capture (FY21 SB 1 Formula)														
Project Total	1,116,159	71,179	55,693	0	179,287	0	0	0	810,000	0	0	0	0	0
Work Element Total	5,762,235	323,044	252,760	0	813,687	0	0	271,793	3,690,951	0	0	0	410,000	0
290	RESEARCH, PLANNING AND ENGAGEMENT FOR SUSTAINABLE COMMUNITIES													
290.4827	Mobility Innovations & Incentives – Revealed Preference Demonstration Study													
290.4827.02	291,226	27,490	21,509	0	69,242	0	0	0	128,000	0	44,985	0	0	0
Mobility Innovations & Incentives - Revealed Preference Demonstration Study (FY19 SB 1 Formula)														
290.4827.03	500,000	0	0	0	0	0	0	0	440,000	0	60,000	0	0	0
Mobility Innovations & Incentives Study (FY22 SB 1 Formula)														
Project Total	791,226	27,490	21,509	0	69,242	0	0	0	568,000	0	104,985	0	0	0
290.4828	Mobility Innovations & Incentives – Equity Analysis													

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
290.4828.02	282,936	20,856	16,319	0	52,533	0	0	0	150,000	0	43,228	0	0	0
Mobility Innovations & Incentives - Equity Analysis (FY19 SB 1 Formula)														
Project Total	282,936	20,856	16,319	0	52,533	0	0	0	150,000	0	43,228	0	0	0
290.4829	Integrated Passenger and Freight Rail Forecast													
290.4829.02	125,158	933	730	0	2,350	0	0	0	121,145	0	0	0	0	0
Integrated Passenger and Freight Rail Forecast (FY20 SB 1 Formula)														
Project Total	125,158	933	730	0	2,350	0	0	0	121,145	0	0	0	0	0
290.4830	Housing Monitoring for SCS													
290.4830.03	65,571	15,245	11,928	0	38,398	0	0	0	0	0	0	0	0	0
Housing Monitoring for SCS (FY21 SB 1 Formula)														
Project Total	65,571	15,245	11,928	0	38,398	0	0	0	0	0	0	0	0	0
290.4852	HQTA/Sustainable Communities Initiative													
290.4852.01	96,207	9,347	7,314	0	23,543	0	3,000	33,003	20,000	0	0	0	0	0
HQTA/Sustainable Communities Initiative (FY20 SB 1 Formula)														
Project Total	96,207	9,347	7,314	0	23,543	0	3,000	33,003	20,000	0	0	0	0	0
290.4862	Open Space Strategic Plan													
290.4862.01	93,828	16,281	12,739	0	41,008	0	0	8,800	0	0	15,000	0	0	0
Regional Planning for Open Space Strategic Plan (FY19 SB 1 Formula)														
290.4862.02	384,916	34,129	26,704	0	85,964	0	0	5,200	0	0	232,919	0	0	0
Regional Planning for Open Space Strategic Plan (FY21 SB 1 Formula)														
290.4862.03	150,405	0	0	0	0	0	0	64,000	0	0	78,113	8,292	0	0
Regional Planning for Open Space Strategic Plan (FY22 SB 1 Formula)														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
Project Total	629,149	50,410	39,443	0	126,972	0	0	78,000	0	0	326,032	8,292	0	0
290.4871	Connect SoCal Implementation													
290.4871.01	1,406,953	262,280	205,217	0	660,642	0	0	117,436	0	0	0	161,378	0	0
	Connect SoCal Implementation (FY21 SB 1 Formula)													
290.4871.02	1,489,272	0	0	0	0	0	0	1,318,452	0	0	0	170,820	0	0
	Connect SoCal Implementation (FY22 SB 1 Formula)													
Project Total	2,896,225	262,280	205,217	0	660,642	0	0	1,435,888	0	0	0	332,198	0	0
290.4896	Regional Resiliency Analysis (FY22 SB 1 Formula)													
290.4896.01	436,796	0	0	0	0	0	0	165,370	250,000	0	0	21,426	0	0
	Regional Resiliency Analysis (FY22 SB 1 Formula)													
Project Total	436,796	0	0	0	0	0	0	165,370	250,000	0	0	21,426	0	0
Work Element Total	5,323,268	386,561	302,460	0	973,680	0	3,000	1,712,261	1,109,145	0	474,245	361,916	0	0
300	Regional Early Action Planning (REAP) Grants Program													
300.4887	REAP Grant Sustainable Communities Strategies (SCS) Integration (AB 101)													
300.4887.01	5,448,979	98,468	77,045	0	248,024	0	0	25,442	5,000,000	0	0	0	0	0
	2020 Sustainable Communities Program (SCP) - Housing and Sustainable Development (HSD) (AB 101)													
300.4887.02	2,185,193	43,056	33,688	0	108,449	0	0	0	2,000,000	0	0	0	0	0
	TOD & PGA Work Programs - LA Metro (AB 101)													
300.4887.03	673,314	40,294	31,527	0	101,493	0	0	0	500,000	0	0	0	0	0
	TOD & PGA Work Programs - SCRRA (Metrolink) (AB 101)													

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
300.4887.04	1,435,630	31,533	24,672	0	79,425	0	0	0	1,300,000	0	0	0	0	0
Priority Growth Area Strategies (AB 101)														
Project Total	9,743,116	213,351	166,932	0	537,391	0	0	25,442	8,800,000	0	0	0	0	0
300.4888	Regional Housing Needs Assessment (RHNA) (AB 101)													
300.4888.01	260,052	55,810	43,667	0	140,575	0	0	0	20,000	0	0	0	0	0
Regional Housing Needs Assessment (RHNA) (AB 101)														
Project Total	260,052	55,810	43,667	0	140,575	0	0	0	20,000	0	0	0	0	0
300.4889	REAP Grant Partnerships & Outreach (AB 101)													
300.4889.01	25,414,745	218,982	171,339	0	551,581	0	0	26,044	24,446,799	0	0	0	0	0
Subregional Partnership Program (AB 101)														
300.4889.02	1,153,700	35,734	27,959	0	90,007	0	0	0	1,000,000	0	0	0	0	0
Call for Collaboration (AB 101)														
300.4889.03	956,809	44,044	34,462	0	110,940	0	0	17,363	750,000	0	0	0	0	0
Leadership Academy (AB 101)														
300.4889.04	370,254	27,958	21,875	0	70,421	0	0	0	250,000	0	0	0	0	0
Pro-Housing Campaign (AB 101)														
Project Total	27,895,508	326,718	255,635	0	822,949	0	0	43,407	26,446,799	0	0	0	0	0
300.4890	REAP Grant Housing Policy Solutions (AB 101)													
300.4890.01	536,925	30,467	23,838	0	76,740	0	0	173,625	232,255	0	0	0	0	0
Data Tools and Technical Support for Housing Element Updates (AB 101)														
300.4890.02	995,831	114,177	89,336	0	287,593	0	0	34,725	470,000	0	0	0	0	0
Research/Policy Briefs, Honorariums, University Partnerships (AB 101)														

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
Project Total	1,532,756	144,644	113,174	0	364,333	0	0	208,350	702,255	0	0	0	0	0
300.4891	REAP Administration (AB 101)													
300.4891.01	8,019,591	23,805	18,626	0	59,961	0	0	7,917,199	0	0	0	0	0	0
Reporting and Invoicing (AB 101)														
300.4891.02	20,000	0	0	0	0	0	0	20,000	0	0	0	0	0	0
Final Report to Legislature (AB 101)														
Project Total	8,039,591	23,805	18,626	0	59,961	0	0	7,937,199	0	0	0	0	0	0
Work Element Total	47,471,023	764,328	598,034	0	1,925,209	0	0	8,214,398	35,969,054	0	0	0	0	0
310	Planning Strategy Development and Implementation													
310.4874	Planning Strategy Development and Implementation													
310.4874.01	1,110,466	241,892	189,265	0	609,288	0	0	0	0	0	0	70,021	0	0
Connect SoCal Development														
310.4874.02	745,269	147,478	115,392	0	371,474	0	0	25,442	0	0	0	85,483	0	0
Key Connections Strategy Team														
310.4874.03	1,020,849	210,114	164,400	0	529,243	0	0	0	0	0	0	117,092	0	0
Planning Studios														
310.4874.04	726,937	149,620	117,068	0	376,869	0	0	0	0	0	0	83,380	0	0
Connect SoCal Performance Measurement & Monitoring														
310.4874.06	200,000	0	0	0	0	0	0	0	200,000	0	0	0	0	0
Connect SoCal Performance Measures & Monitoring (FY22 SB 1 Formula)														
Project Total	3,803,521	749,104	586,125	0	1,886,874	0	0	25,442	200,000	0	0	355,976	0	0

Southern California Association of Governments - FY 2021 - 2022 Overall Work Program - Program Expenditures

	Total	Salary	Benefits	Temp Staff	Indirect Cost	Printing	Travel	Other	Consultant	Consultant TC	Non-Profits/IHL	In-Kind Commits	Cash/Local Other	Toll Credits Not an expenditure
310.4883	Transportation Safety													
310.4883.01	346,450	30,143	23,585	0	75,924	0	0	0	0	200,000	0	16,798	0	22,940
Transportation Safety														
Project Total	346,450	30,143	23,585	0	75,924	0	0	0	0	200,000	0	16,798	0	22,940
Work Element Total	4,149,971	779,247	609,710	0	1,962,798	0	0	25,442	200,000	200,000	0	372,774	0	22,940
315	Last Mile Freight Program													
315.4898	Last Mile Freight Program													
315.4898.01	10,053,308	12,394	9,697	0	31,217	0	0	0	10,000,000	0	0	0	0	0
Last Mile Freight Program (MSRC)														
Project Total	10,053,308	12,394	9,697	0	31,217	0	0	0	10,000,000	0	0	0	0	0
Work Element Total	10,053,308	12,394	9,697	0	31,217	0	0	0	10,000,000	0	0	0	0	0
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Grand Total	\$134,361,924	\$9,719,932	\$7,605,202	\$200,000	\$24,823,207	\$9,000	\$80,500	\$11,676,935	\$67,469,966	\$6,352,646	\$1,193,681	\$4,563,689	\$667,166	\$728,658
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FINAL
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PROGRAM**
FISCAL YEAR 2021–2022

SECTION VI

**Sustainable
Transportation Planning
Grant Program**



Southern California Association of Governments (SCAG)

FHWA SPR Planning Competitive Grant				80.00%		20.00%					
				FY19 OWP A03		FY20 OWP A03		FY21 OWP A03		FY22 OWP Final	
Grant Year	DEPT. MANAGER	PROJECT/TASK NAME	TASK NO.	FHWA SPR Grant Award	Match	FHWA SPR Grant Award	Match	FHWA SPR Grant Award	Match	FHWA SPR Grant Award	Match
				Lapse Date: 12/31/2021							
FY19	Nam	Wilmington Freight Mitigation Project	145-4846.01	\$ 192,000	\$ 48,000	\$ 192,000	\$ 48,000	\$ 154,989	\$ 38,747	\$ 100,000	\$ 25,000
FY19	Nam	Ventura County Freight Corridor Study	145-4847.01	\$ 100,000	\$ 24,000	\$ 96,497	\$ 24,124	\$ 58,628	\$ 14,654	\$ 5,297	\$ 1,324
				Lapse Date: 6/30/2022							
FY20	Nam	Southern California Goods Movement Communities Freight Impact Assessment	145-4865.01	\$ -	\$ -	\$ 239,520	\$ 59,880	\$ 237,999	\$ 59,500	\$ 198,068	\$ 49,517
FY20	Amatya	East San Gabriel Valley Mobility Plan	145-4866.01	\$ -	\$ -	\$ 334,000	\$ 83,500	\$ 330,132	\$ 82,532	\$ 318,000	\$ 79,500
				Lapse Date: 6/30/2023							
FY21	Wen	I-710 North Mobility Hubs Plan	145-4885.01	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 100,000	\$ 376,000	\$ 94,000
WORK ELEMENT 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM				\$ 292,000	\$ 72,000	\$ 862,017	\$ 215,504	\$ 1,181,748	\$ 295,433	\$ 997,365	\$ 249,341



Southern California Association of Governments (SCAG)

88.53% 11.47%

FTA Section 5304 Planning Competitive Grant

Grant Year	DEPT. MANAGER	PROJECT/TASK NAME	TASK NO.	FY19 OWP A03		FY20 OWP A03		FY21 OWP A03		FY22 OWP Final	
				FTA 5304 Grant Award	Match	FTA 5304 Grant Award	Match	FTA 5304 Grant Award	Match	FTA 5304 Grant Award	Match
Lapse Date:				6/30/2022							
FY20	Nam	Curb Space Management Study	145-4867.01	\$ -	\$ -	\$ 481,488	\$ 83,212	\$ 480,060	\$ 82,965	\$ 449,146	\$ 77,622
WORK ELEMENT 145 - SUSTAINABLE COMMUNITIES, STRATEGIC PARTNERSHIPS AND ADAPTATION PLANNING GRANT PROGRAM				\$ -	\$ -	\$ 481,488	\$ 83,212	\$ 480,060	\$ 82,965	\$ 449,146	\$ 77,622



Southern California Association of Governments (SCAG)

88.53% 11.47%

State Highway Account Planning Competitive Grant

Grant Year	DEPT. MANAGER	PROJECT/TASK NAME	TASK NO.	FY20 OWP A02		FY20 OWP A03		FY21 OWP A03		FY22 OWP Final	
				SHA Grant Award	Match	SHA Grant Award	Match	SHA Grant Award	Match	SHA Grant Award	Match
Lapse Date:				2/28/2022							
FY20	Law	Transportation Broadband Strategies to Reduce VMT and GHG	155-4863.01	\$ 500,195	\$ 64,805	\$ 500,195	\$ 64,805	\$ 500,195	\$ 64,805	\$ 194,374	\$ 25,183
FY20	Luo	SB743 VMT Mitigation Assistance Program	155-4864.01	\$ 493,422	\$ 63,928	\$ 493,422	\$ 63,928	\$ 461,863	\$ 59,839	\$ 456,909	\$ 59,197
WORK ELEMENT 155 - SUSTAINABLE COMMUNITIES PLANNING GRANT PROGRAM				\$ 993,617	\$ 128,733	\$ 993,617	\$ 128,733	\$ 962,058	\$ 124,644	\$ 651,283	\$ 84,380



FINAL
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SECTION VII

Appendices



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021–2022

A

**Certifications and
Assurances**

**Fiscal Year 2021/2022 California Department of Transportation
Debarment and Suspension Certification**

As required by U.S. DOT regulations on governmentwide Debarment and Suspension

(Nonprocurement), 49 CFR 29.100:

- 1) The Applicant certifies, to the best of its knowledge and belief, that it and its contractors, subcontractors and subrecipients:
 - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b) Have not, within the three (3) year period preceding this certification, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) transaction or contract under a public transaction, violation of Federal or state antitrust statutes, or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, state, or local) with commission of any of the offenses listed in subparagraph (1)(b) of this certification; and
 - d) Have not, within the three (3) year period preceding this certification, had one or more public transactions (Federal, state, and local) terminated for cause or default.
- 2) The Applicant also certifies that, if Applicant later becomes aware of any information contradicting the statements of paragraph (1) above, it will promptly provide that information to the State.
- 3) If the Applicant is unable to certify to all statements in paragraphs (1) and (2) of this certification, through those means available to Applicant, including the General Services Administration's *Excluded Parties List System (EPLS)*, Applicant shall indicate so in its applications, or in the transmittal letter or message accompanying its annual certifications and assurances, and will provide a written explanation to the State.

**DEPARTMENT OF TRANSPORTATION
DEPARTMENT AND SUSPENSION CERTIFICATION
FISCAL YEAR 2021/2022
SIGNATURE PAGE**

In signing this document, I declare under penalties of perjury that the foregoing certifications and assurances, and any other statements made by me on behalf of the Applicant are true and correct.

Signature giraldo@scag.ca.gov Digitally signed by giraldo@scag.ca.gov
DN: cn=giraldo@scag.ca.gov
Date: 2021.04.19 09:51:24 -07'00' Date April 19, 2021
Printed Name Cindy Giraldo, Chief Financial Officer

As the undersigned Attorney for the above named Applicant, I hereby affirm to the Applicant that it has the authority under state and local law to make and comply with the certifications and assurances as indicated on the foregoing pages. I further affirm that, in my opinion, these certifications and assurances have been legally made and constitute legal and binding obligations of the Applicant.

I further affirm to the Applicant that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these certifications and assurances or of the performance of the described project.

AFFIRMATION OF APPLICANT'S ATTORNEY

For Southern California Association of Governments (Name of Applicant)
Signature houston@scag.ca.gov Digitally signed by houston@scag.ca.gov
DN: cn=houston@scag.ca.gov
Date: 2021.04.13 08:17:47 -07'00' Date April 13, 2021
Printed Name of Applicant's Attorney Michael R.W. Houston, Chief Counsel

FY 2021/2022 FHWA and FTA Metropolitan Transportation Planning Process Self-Certification

In accordance with 23 CFR part 450, the California Department of Transportation and Southern California Association of Governments _____, the designated Metropolitan Planning Organization for the _____ counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura urbanized area(s), hereby certify that the transportation planning process is being carried out in accordance with all applicable requirements including:

- 1) 23 U.S.C. 134, 49 U.S.C. 5303, and subpart C of 23 CFR part 450;
- 2) In nonattainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
- 3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- 4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- 5) Section 1101(b) of the FAST Act (Pub. L. 114-94) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- 6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- 7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- 8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- 9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- 10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

giraldo@scag.ca.gov Digitally signed by giraldo@scag.ca.gov
DN: cn=giraldo@scag.ca.gov
Date: 2021.04.19 09:51:48 -0700

MPO Authorizing Signature

Cindy Giraldo, Chief Financial Officer

Title

April 19, 2021

Date

Caltrans District Approval Signature

Title

Date

Not every provision of every certification will apply to every applicant or award. If a provision of a certification does not apply to the applicant or its award, FTA will not enforce that provision. Refer to FTA's accompanying Instructions document for more information.

Text in italics is guidance to the public. It does not have the force and effect of law, and is not meant to bind the public in any way. It is intended only to provide clarity to the public regarding existing requirements under the law or agency policies.

CATEGORY 1. CERTIFICATIONS AND ASSURANCES REQUIRED OF EVERY APPLICANT.

All applicants must make the certifications in this category.

1.1. Standard Assurances.

The certifications in this subcategory appear as part of the applicant's registration or annual registration renewal in the System for Award Management (SAM.gov) and on the Office of Management and Budget's standard form 424B "Assurances—Non-Construction Programs". This certification has been modified in places to include analogous certifications required by U.S. DOT statutes or regulations.

As the duly authorized representative of the applicant, you certify that the applicant:

- (a) Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
- (b) Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- (c) Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
- (d) Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- (e) Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728–4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 CFR 900, Subpart F).

- (f) Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to:
- (1) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin, as effectuated by U.S. DOT regulation 49 CFR Part 21;
 - (2) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681–1683, and 1685–1686), which prohibits discrimination on the basis of sex, as effectuated by U.S. DOT regulation 49 CFR Part 25;
 - (3) Section 5332 of the Federal Transit Law (49 U.S.C. § 5332), which prohibits any person being excluded from participating in, denied a benefit of, or discriminated against under, a project, program, or activity receiving financial assistance from FTA because of race, color, religion, national origin, sex, disability, or age.
 - (4) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps, as effectuated by U.S. DOT regulation 49 CFR Part 27;
 - (5) The Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101–6107), which prohibits discrimination on the basis of age;
 - (6) The Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse;
 - (7) The comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91–616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism;
 - (8) Sections 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§ 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records;
 - (9) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§ 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental, or financing of housing;
 - (10) Any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and,
 - (11) the requirements of any other nondiscrimination statute(s) which may apply to the application.
- (g) Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (“Uniform Act”) (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases. The requirements of the Uniform Act are effectuated by U.S. DOT regulation 49 CFR Part 24.

- (h) Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§ 1501–1508 and 7324–7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
- (i) Will comply, as applicable, with the provisions of the Davis–Bacon Act (40 U.S.C. §§ 276a to 276a-7), the Copeland Act (40 U.S.C. § 276c and 18 U.S.C. § 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327–333), regarding labor standards for federally assisted construction subagreements.
- (j) Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- (k) Will comply with environmental standards which may be prescribed pursuant to the following:
 - (1) Institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514;
 - (2) Notification of violating facilities pursuant to EO 11738;
 - (3) Protection of wetlands pursuant to EO 11990;
 - (4) Evaluation of flood hazards in floodplains in accordance with EO 11988;
 - (5) Assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.);
 - (6) Conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§ 7401 et seq.);
 - (7) Protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and
 - (8) Protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93–205).
- (l) Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- (m) Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. § 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§ 469a-1 et seq.).
- (n) Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- (o) Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§ 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded

- animals held for research, teaching, or other activities supported by this award of assistance.
- (p) Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
 - (q) Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and 2 CFR Part 200, Subpart F, “Audit Requirements”, as adopted and implemented by U.S. DOT at 2 CFR Part 1201.
 - (r) Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing the program under which it is applying for assistance.
 - (s) Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. § 7104) which prohibits grant award recipients or a sub-recipient from:
 - (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect;
 - (2) Procuring a commercial sex act during the period of time that the award is in effect; or
 - (3) Using forced labor in the performance of the award or subawards under the award.

1.2. Standard Assurances: Additional Assurances for Construction Projects.

This certification appears on the Office of Management and Budget’s standard form 424D “Assurances—Construction Programs” and applies specifically to federally assisted projects for construction. This certification has been modified in places to include analogous certifications required by U.S. DOT statutes or regulations.

As the duly authorized representative of the applicant, you certify that the applicant:

- (a) Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency; will record the Federal awarding agency directives; and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
- (b) Will comply with the requirements of the assistance awarding agency with regard to the drafting, review, and approval of construction plans and specifications.
- (c) Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work confirms with the approved plans and specifications, and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.

1.3. Procurement.

The Uniform Administrative Requirements, 2 CFR § 200.324, allow a recipient to self-certify that its procurement system complies with Federal requirements, in lieu of submitting to certain pre-procurement reviews.

The applicant certifies that its procurement system complies with:

- (a) U.S. DOT regulations, “Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards,” 2 CFR Part 1201, which incorporates by reference U.S. OMB regulatory guidance, “Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards,” 2 CFR Part 200, particularly 2 CFR §§ 200.317–200.326 “Procurement Standards;
- (b) Federal laws, regulations, and requirements applicable to FTA procurements; and
- (c) The latest edition of FTA Circular 4220.1 and other applicable Federal guidance.

1.4. Suspension and Debarment.

Pursuant to Executive Order 12549, as implemented at 2 CFR Parts 180 and 1200, prior to entering into a covered transaction with an applicant, FTA must determine whether the applicant is excluded from participating in covered non-procurement transactions. For this purpose, FTA is authorized to collect a certification from each applicant regarding the applicant’s exclusion status. 2 CFR § 180.300. Additionally, each applicant must disclose any information required by 2 CFR § 180.335 about the applicant and the applicant’s principals prior to entering into an award agreement with FTA. This certification serves both purposes.

The applicant certifies, to the best of its knowledge and belief, that the applicant and each of its principals:

- (a) Is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily or involuntarily excluded from covered transactions by any Federal department or agency;
- (b) Has not, within the preceding three years, been convicted of or had a civil judgment rendered against him or her for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public or private agreement or transaction; violation of Federal or State antitrust statutes, including those proscribing price fixing between competitors, allocation of customers between competitors, and bid rigging; commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, receiving stolen property, making false claims, or obstruction of justice; or commission of any other offense indicating a lack of business integrity or business honesty;

- (c) Is not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any offense described in paragraph (b) of this certification;
- (d) Has not, within the preceding three years, had one or more public transactions (Federal, State, or local) terminated for cause or default.

1.5. Coronavirus Response and Relief Supplemental Appropriations Act, 2021, and CARES Act Funding.

The applicant certifies that, to the maximum extent possible, and consistent with the Consolidated Appropriations Act, 2021 (Public Law 116–260):

- (a) Funds made available under title IV of division M of the Consolidated Appropriations Act, 2021 (Public Law 116–260), and in title XII of division B of the CARES Act (Public Law 116–136; 134 Stat. 599) shall be directed to payroll and operations of public transit (including payroll and expenses of private providers of public transportation); or
- (b) The applicant certifies that the applicant has not furloughed any employees.

CATEGORY 2. PUBLIC TRANSPORTATION AGENCY SAFETY PLANS

This certification is required of each applicant under the Urbanized Area Formula Grants Program (49 U.S.C. § 5307), each rail operator that is subject to FTA’s state safety oversight programs, and each State that is required to draft and certify a public transportation agency safety plan on behalf of a small public transportation provider pursuant to 49 CFR § 673.11(d). This certification is required by 49 CFR § 673.13.

This certification does not apply to any applicant that receives financial assistance from FTA exclusively under the Formula Grants for the Enhanced Mobility of Seniors Program (49 U.S.C. § 5310), the Formula Grants for Rural Areas Program (49 U.S.C. § 5311), or combination of these two programs.

If the applicant is an operator, the applicant certifies that it has established a public transportation agency safety plan meeting the requirements of 49 CFR Part 673.

If the applicant is a State, the applicant certifies that:

- (a) It has drafted a public transportation agency safety plan for each small public transportation provider within the State, unless the small public transportation provider provided notification to the State that it was opting-out of the State-drafted plan and drafting its own public transportation agency safety plan; and
- (b) Each small public transportation provider within the state has a public transportation agency safety plan that has been approved by the provider’s Accountable Executive

(as that term is defined at 49 CFR § 673.5) and Board of Directors or Equivalent Authority (as that term is defined at 49 CFR § 673.5).

CATEGORY 3. TAX LIABILITY AND FELONY CONVICTIONS.

If the applicant is a business association (regardless of for-profit, not for-profit, or tax exempt status), it must make this certification. Federal appropriations acts since at least 2014 have prohibited FTA from using funds to enter into an agreement with any corporation that has unpaid Federal tax liabilities or recent felony convictions without first considering the corporation for debarment. E.g., Consolidated Appropriations Act, 2021, Pub. L. 116-260, div. E, title VII, §§ 744–745. U.S. DOT Order 4200.6 defines a “corporation” as “any private corporation, partnership, trust, joint-stock company, sole proprietorship, or other business association”, and applies the restriction to all tiers of subawards. As prescribed by U.S. DOT Order 4200.6, FTA requires each business association applicant to certify as to its tax and felony status.

If the applicant is a private corporation, partnership, trust, joint-stock company, sole proprietorship, or other business association, the applicant certifies that:

- (a) It has no unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability; and
- (b) It has not been convicted of a felony criminal violation under any Federal law within the preceding 24 months.

CATEGORY 4. LOBBYING.

If the applicant will apply for a grant or cooperative agreement exceeding \$100,000, or a loan, line of credit, loan guarantee, or loan insurance exceeding \$150,000, it must make the following certification and, if applicable, make a disclosure regarding the applicant’s lobbying activities. This certification is required by 49 CFR § 20.110 and app. A to that part.

This certification does not apply to an applicant that is an Indian Tribe, Indian organization, or an Indian tribal organization exempt from the requirements of 49 CFR Part 20.

4.1. Certification for Contracts, Grants, Loans, and Cooperative Agreements.

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or

an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

4.2. Statement for Loan Guarantees and Loan Insurance.

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

CATEGORY 5. PRIVATE SECTOR PROTECTIONS.

If the applicant will apply for funds that it will use to acquire or operate public transportation facilities or equipment, the applicant must make the following certification regarding protections for the private sector.

5.1. Charter Service Agreement.

To enforce the provisions of 49 U.S.C. § 5323(d), FTA's charter service regulation requires each applicant seeking assistance from FTA for the purpose of acquiring or operating any public transportation equipment or facilities to make the following Charter Service Agreement. 49 CFR § 604.4.

The applicant agrees that it, and each of its subrecipients, and third party contractors at any level who use FTA-funded vehicles, may provide charter service using equipment or facilities acquired with Federal assistance authorized under the Federal Transit Laws only in compliance with the regulations set out in 49 CFR Part 604, the terms and conditions of which are incorporated herein by reference.

5.2. School Bus Agreement.

To enforce the provisions of 49 U.S.C. § 5323(f), FTA's school bus regulation requires each applicant seeking assistance from FTA for the purpose of acquiring or operating any public transportation equipment or facilities to make the following agreement regarding the provision of school bus services. 49 CFR § 605.15.

- (a) If the applicant is not authorized by the FTA Administrator under 49 CFR § 605.11 to engage in school bus operations, the applicant agrees and certifies as follows:
 - (1) The applicant and any operator of project equipment agrees that it will not engage in school bus operations in competition with private school bus operators.
 - (2) The applicant agrees that it will not engage in any practice which constitutes a means of avoiding the requirements of this agreement, part 605 of the Federal Mass Transit Regulations, or section 164(b) of the Federal-Aid Highway Act of 1973 (49 U.S.C. 1602a(b)).
- (b) If the applicant is authorized or obtains authorization from the FTA Administrator to engage in school bus operations under 49 CFR § 605.11, the applicant agrees as follows:
 - (1) The applicant agrees that neither it nor any operator of project equipment will engage in school bus operations in competition with private school bus operators except as provided herein.
 - (2) The applicant, or any operator of project equipment, agrees to promptly notify the FTA Administrator of any changes in its operations which might jeopardize the continuation of an exemption under § 605.11.
 - (3) The applicant agrees that it will not engage in any practice which constitutes a means of avoiding the requirements of this agreement, part 605 of the Federal Transit Administration regulations or section 164(b) of the Federal-Aid Highway Act of 1973 (49 U.S.C. 1602a(b)).
 - (4) The applicant agrees that the project facilities and equipment shall be used for the provision of mass transportation services within its urban area and that any other

use of project facilities and equipment will be incidental to and shall not interfere with the use of such facilities and equipment in mass transportation service to the public.

CATEGORY 6. TRANSIT ASSET MANAGEMENT PLAN.

If the applicant owns, operates, or manages capital assets used to provide public transportation, the following certification is required by 49 U.S.C. § 5326(a).

The applicant certifies that it is in compliance with 49 CFR Part 625.

CATEGORY 7. ROLLING STOCK BUY AMERICA REVIEWS AND BUS TESTING.

7.1. Rolling Stock Buy America Reviews.

If the applicant will apply for an award to acquire rolling stock for use in revenue service, it must make this certification. This certification is required by 49 CFR § 663.7.

The applicant certifies that it will conduct or cause to be conducted the pre-award and post-delivery audits prescribed by 49 CFR Part 663 and will maintain on file the certifications required by Subparts B, C, and D of 49 CFR Part 663.

7.2. Bus Testing.

If the applicant will apply for funds for the purchase or lease of any new bus model, or any bus model with a major change in configuration or components, the applicant must make this certification. This certification is required by 49 CFR § 665.7.

The applicant certifies that the bus was tested at the Bus Testing Facility and that the bus received a passing test score as required by 49 CFR Part 665. The applicant has received or will receive the appropriate full Bus Testing Report and any applicable partial testing reports before final acceptance of the first vehicle.

CATEGORY 8. URBANIZED AREA FORMULA GRANTS PROGRAM.

If the applicant will apply for an award under the Urbanized Area Formula Grants Program (49 U.S.C. § 5307), or any other program or award that is subject to the requirements of 49 U.S.C. § 5307, including the Formula Grants for the Enhanced Mobility of Seniors Program (49 U.S.C. § 5310); “flex funds” from infrastructure programs administered by the Federal Highways Administration (see 49 U.S.C. § 5334(i)); projects that will receive an award authorized by the Transportation Infrastructure Finance and Innovation Act (“TIFIA”) (23 U.S.C. §§ 601–609) or State Infrastructure Bank Program (23 U.S.C. § 610) (see 49 U.S.C. § 5323(o)); formula awards or competitive awards to urbanized areas under the Grants for

Buses and Bus Facilities Program (49 U.S.C. § 5339(a) and (b)); or low or no emission awards to any area under the Grants for Buses and Bus Facilities Program (49 U.S.C. § 5339(c)), the applicant must make the following certification. This certification is required by 49 U.S.C. § 5307(c)(1).

The applicant certifies that it:

- (a) Has or will have the legal, financial, and technical capacity to carry out the program of projects (developed pursuant 49 U.S.C. § 5307(b)), including safety and security aspects of the program;
- (b) Has or will have satisfactory continuing control over the use of equipment and facilities;
- (c) Will maintain equipment and facilities in accordance with the applicant's transit asset management plan;
- (d) Will ensure that, during non-peak hours for transportation using or involving a facility or equipment of a project financed under this section, a fare that is not more than 50 percent of the peak hour fare will be charged for any—
 - (1) Senior;
 - (2) Individual who, because of illness, injury, age, congenital malfunction, or any other incapacity or temporary or permanent disability (including an individual who is a wheelchair user or has semi-ambulatory capability), cannot use a public transportation service or a public transportation facility effectively without special facilities, planning, or design; and
 - (3) Individual presenting a Medicare card issued to that individual under title II or XVIII of the Social Security Act (42 U.S.C. §§ 401 et seq., and 1395 et seq.);
- (e) In carrying out a procurement under 49 U.S.C. § 5307, will comply with 49 U.S.C. §§ 5323 (general provisions) and 5325 (contract requirements);
- (f) Has complied with 49 U.S.C. § 5307(b) (program of projects requirements);
- (g) Has available and will provide the required amounts as provided by 49 U.S.C. § 5307(d) (cost sharing);
- (h) Will comply with 49 U.S.C. §§ 5303 (metropolitan transportation planning) and 5304 (statewide and nonmetropolitan transportation planning);
- (i) Has a locally developed process to solicit and consider public comment before raising a fare or carrying out a major reduction of transportation;
- (j) Either—
 - (1) Will expend for each fiscal year for public transportation security projects, including increased lighting in or adjacent to a public transportation system (including bus stops, subway stations, parking lots, and garages), increased camera surveillance of an area in or adjacent to that system, providing an emergency telephone line to contact law enforcement or security personnel in an area in or adjacent to that system, and any other project intended to increase the security and safety of an existing or planned public transportation system, at least

- 1 percent of the amount the recipient receives for each fiscal year under 49 U.S.C. § 5336; or
- (2) Has decided that the expenditure for security projects is not necessary;
- (k) In the case of an applicant for an urbanized area with a population of not fewer than 200,000 individuals, as determined by the Bureau of the Census, will submit an annual report listing projects carried out in the preceding fiscal year under 49 U.S.C. § 5307 for associated transit improvements as defined in 49 U.S.C. § 5302; and
- (l) Will comply with 49 U.S.C. § 5329(d) (public transportation agency safety plan).

CATEGORY 9. FORMULA GRANTS FOR RURAL AREAS.

If the applicant will apply for funds made available to it under the Formula Grants for Rural Areas Program (49 U.S.C. § 5311), it must make this certification. Paragraph (a) of this certification helps FTA make the determinations required by 49 U.S.C. § 5310(b)(2)(C). Paragraph (b) of this certification is required by 49 U.S.C. § 5311(f)(2). Paragraph (c) of this certification, which applies to funds apportioned for the Appalachian Development Public Transportation Assistance Program, is necessary to enforce the conditions of 49 U.S.C. § 5311(c)(2)(D).

- (a) The applicant certifies that its State program for public transportation service projects, including agreements with private providers for public transportation service—
 - (1) Provides a fair distribution of amounts in the State, including Indian reservations; and
 - (2) Provides the maximum feasible coordination of public transportation service assisted under 49 U.S.C. § 5311 with transportation service assisted by other Federal sources; and
- (b) If the applicant will in any fiscal year expend less than 15% of the total amount made available to it under 49 U.S.C. § 5311 to carry out a program to develop and support intercity bus transportation, the applicant certifies that it has consulted with affected intercity bus service providers, and the intercity bus service needs of the State are being met adequately.
- (c) If the applicant will use for a highway project amounts that cannot be used for operating expenses authorized under 49 U.S.C. § 5311(c)(2) (Appalachian Development Public Transportation Assistance Program), the applicant certifies that—
 - (1) It has approved the use in writing only after providing appropriate notice and an opportunity for comment and appeal to affected public transportation providers; and
 - (2) It has determined that otherwise eligible local transit needs are being addressed.

**CATEGORY 10. FIXED GUIDEWAY CAPITAL INVESTMENT GRANTS AND THE
EXPEDITED PROJECT DELIVERY FOR CAPITAL INVESTMENT GRANTS
PILOT PROGRAM.**

If the applicant will apply for an award under any subsection of the Fixed Guideway Capital Investment Program (49 U.S.C. § 5309), including an award made pursuant to the FAST Act's Expedited Project Delivery for Capital Investment Grants Pilot Program (Pub. L. 114-94, div. A, title III, § 3005(b)), the applicant must make the following certification. This certification is required by 49 U.S.C. § 5309(c)(2) and Pub. L. 114-94, div. A, title III, § 3005(b)(3)(B).

The applicant certifies that it:

- (a) Has or will have the legal, financial, and technical capacity to carry out its Award, including the safety and security aspects of that Award,
- (b) Has or will have satisfactory continuing control over the use of equipment and facilities acquired or improved under its Award.
- (c) Will maintain equipment and facilities acquired or improved under its Award in accordance with its transit asset management plan; and
- (d) Will comply with 49 U.S.C. §§ 5303 (metropolitan transportation planning) and 5304 (statewide and nonmetropolitan transportation planning).

**CATEGORY 11. GRANTS FOR BUSES AND BUS FACILITIES AND LOW OR NO
EMISSION VEHICLE DEPLOYMENT GRANT PROGRAMS.**

If the applicant is in an urbanized area and will apply for an award under subsection (a) (formula grants) or subsection (b) (competitive grants) of the Grants for Buses and Bus Facilities Program (49 U.S.C. § 5339), the applicant must make the certification in Category 8 for Urbanized Area Formula Grants (49 U.S.C. § 5307). This certification is required by 49 U.S.C. § 5339(a)(3) and (b)(6), respectively.

If the applicant is in a rural area and will apply for an award under subsection (a) (formula grants) or subsection (b) (competitive grants) of the Grants for Buses and Bus Facilities Program (49 U.S.C. § 5339), the applicant must make the certification in Category 9 for Formula Grants for Rural Areas (49 U.S.C. § 5311). This certification is required by 49 U.S.C. § 5339(a)(3) and (b)(6), respectively.

If the applicant, regardless of whether it is in an urbanized or rural area, will apply for an award under subsection (c) (low or no emission vehicle grants) of the Grants for Buses and Bus Facilities Program (49 U.S.C. § 5339), the applicant must make the certification in Category 8 for Urbanized Area Formula Grants (49 U.S.C. § 5307). This certification is required by 49 U.S.C. § 5339(c)(3).

Making this certification will incorporate by reference the applicable certifications in Category 8 or Category 9.

CATEGORY 12. ENHANCED MOBILITY OF SENIORS AND INDIVIDUALS WITH DISABILITIES PROGRAMS.

If the applicant will apply for an award under the Formula Grants for the Enhanced Mobility of Seniors and Individuals with Disabilities Program (49 U.S.C. § 5310), it must make the certification in Category 8 for Urbanized Area Formula Grants (49 U.S.C. § 5307). This certification is required by 49 U.S.C. § 5310(e)(1). Making this certification will incorporate by reference the certification in Category 8, except that FTA has determined that (d), (f), (i), (j), and (k) of Category 8 do not apply to awards made under 49 U.S.C. § 5310 and will not be enforced.

In addition to the certification in Category 8, the applicant must make the following certification that is specific to the Formula Grants for the Enhanced Mobility of Seniors and Individuals with Disabilities Program. This certification is required by 49 U.S.C. § 5310(e)(2).

The applicant certifies that:

- (a) The projects selected by the applicant are included in a locally developed, coordinated public transit-human services transportation plan;
- (b) The plan described in clause (a) was developed and approved through a process that included participation by seniors, individuals with disabilities, representatives of public, private, and nonprofit transportation and human services providers, and other members of the public;
- (c) To the maximum extent feasible, the services funded under 49 U.S.C. § 5310 will be coordinated with transportation services assisted by other Federal departments and agencies, including any transportation activities carried out by a recipient of a grant from the Department of Health and Human Services; and
- (d) If the applicant will allocate funds received under 49 U.S.C. § 5310 to subrecipients, it will do so on a fair and equitable basis.

CATEGORY 13. STATE OF GOOD REPAIR GRANTS.

If the applicant will apply for an award under FTA's State of Good Repair Grants Program (49 U.S.C. § 5337), it must make the following certification. Because FTA generally does not review the transit asset management plans of public transportation providers, this certification is necessary to enforce the provisions of 49 U.S.C. § 5337(a)(4).

The applicant certifies that the projects it will carry out using assistance authorized by the State of Good Repair Grants Program, 49 U.S.C. § 5337, are aligned with the applicant's most recent

transit asset management plan and are identified in the investment and prioritization section of such plan, consistent with the requirements of 49 CFR Part 625.

CATEGORY 14. INFRASTRUCTURE FINANCE PROGRAMS.

If the applicant will apply for an award for a project that will include assistance under the Transportation Infrastructure Finance and Innovation Act (“TIFIA”) Program (23 U.S.C. §§ 601–609) or the State Infrastructure Banks (“SIB”) Program (23 U.S.C. § 610), it must make the certifications in Category 8 for the Urbanized Area Formula Grants Program, Category 10 for the Fixed Guideway Capital Investment Grants program, and Category 13 for the State of Good Repair Grants program. These certifications are required by 49 U.S.C. § 5323(o).

Making this certification will incorporate the certifications in Categories 8, 10, and 13 by reference.

CATEGORY 15. ALCOHOL AND CONTROLLED SUBSTANCES TESTING.

If the applicant will apply for an award under FTA’s Urbanized Area Formula Grants Program (49 U.S.C. § 5307), Fixed Guideway Capital Investment Program (49 U.S.C. § 5309), Formula Grants for Rural Areas Program (49 U.S.C. § 5311), or Grants for Buses and Bus Facilities Program (49 U.S.C. § 5339) programs, the applicant must make the following certification. The applicant must make this certification on its own behalf and on behalf of its subrecipients and contractors. This certification is required by 49 CFR § 655.83.

The applicant certifies that it, its subrecipients, and its contractors are compliant with FTA’s regulation for the Prevention of Alcohol Misuse and Prohibited Drug Use in Transit Operations, 49 CFR Part 655.

CATEGORY 16. RAIL SAFETY TRAINING AND OVERSIGHT.

If the applicant is a State with at least one rail fixed guideway system, or is a State Safety Oversight Agency, or operates a rail fixed guideway system, it must make the following certification. The elements of this certification are required by 49 CFR §§ 659.43, 672.31, and 674.39.

The applicant certifies that the rail fixed guideway public transportation system and the State Safety Oversight Agency for the State are:

- (a) Compliant with the requirements of 49 CFR Part 659, “Rail Fixed Guideway Systems; State Safety Oversight”;
- (b) Compliant with the requirements of 49 CFR Part 672, “Public Transportation Safety Certification Training Program”; and
- (c) Compliant with the requirements of 49 CFR Part 674, “State Safety Oversight”.

CATEGORY 17. DEMAND RESPONSIVE SERVICE.

If the applicant operates demand responsive service and will apply for an award to purchase a non-rail vehicle that is not accessible within the meaning of 49 CFR Part 37, it must make the following certification. This certification is required by 49 CFR § 37.77.

The applicant certifies that the service it provides to individuals with disabilities is equivalent to that provided to other persons. A demand responsive system, when viewed in its entirety, is deemed to provide equivalent service if the service available to individuals with disabilities, including individuals who use wheelchairs, is provided in the most integrated setting appropriate to the needs of the individual and is equivalent to the service provided other individuals with respect to the following service characteristics:

- (a) Response time;
- (b) Fares;
- (c) Geographic area of service;
- (d) Hours and days of service;
- (e) Restrictions or priorities based on trip purpose;
- (f) Availability of information and reservation capability; and
- (g) Any constraints on capacity or service availability.

CATEGORY 18. INTEREST AND FINANCING COSTS.

If the applicant will pay for interest or other financing costs of a project using assistance awarded under the Urbanized Area Formula Grants Program (49 U.S.C. § 5307), the Fixed Guideway Capital Investment Grants Program (49 U.S.C. § 5309), or any program that must comply with the requirements of 49 U.S.C. § 5307, including the Formula Grants for the Enhanced Mobility of Seniors Program (49 U.S.C. § 5310), “flex funds” from infrastructure programs administered by the Federal Highways Administration (see 49 U.S.C. § 5334(i)), or awards to urbanized areas under the Grants for Buses and Bus Facilities Program (49 U.S.C. § 5339), the applicant must make the following certification. This certification is required by 49 U.S.C. §§ 5307(e)(3) and 5309(k)(2)(D).

The applicant certifies that:

- (a) Its application includes the cost of interest earned and payable on bonds issued by the applicant only to the extent proceeds of the bonds were or will be expended in carrying out the project identified in its application; and
- (b) The applicant has shown or will show reasonable diligence in seeking the most favorable financing terms available to the project at the time of borrowing.

CATEGORY 19. CONSTRUCTION HIRING PREFERENCES.

If the applicant will ask FTA to approve the use of geographic, economic, or any other hiring preference not otherwise authorized by law on any contract or construction project to be assisted with an award from FTA, it must make the following certification. This certification is required by the Consolidated Appropriations Act, 2021, Pub. L. 116-260, div. L, title I, § 199(b).

The applicant certifies the following:

- (a) That except with respect to apprentices or trainees, a pool of readily available but unemployed individuals possessing the knowledge, skill, and ability to perform the work that the contract requires resides in the jurisdiction;
- (b) That the grant recipient will include appropriate provisions in its bid document ensuring that the contractor does not displace any of its existing employees in order to satisfy such hiring preference; and
- (c) That any increase in the cost of labor, training, or delays resulting from the use of such hiring preference does not delay or displace any transportation project in the applicable Statewide Transportation Improvement Program or Transportation Improvement Program.

CATEGORY 20. CYBERSECURITY CERTIFICATION FOR RAIL ROLLING STOCK AND OPERATIONS.

If the applicant operates a rail fixed guideway public transportation system, it must make this certification. This certification is required by 49 U.S.C. § 5323(v), a new subsection added by the National Defense Authorization Act for Fiscal Year 2020, Pub. L. 116-92, § 7613 (Dec. 20, 2019). For information about standards or practices that may apply to a rail fixed guideway public transportation system, visit <https://www.nist.gov/cyberframework> and <https://www.cisa.gov/>.

The applicant certifies that it has established a process to develop, maintain, and execute a written plan for identifying and reducing cybersecurity risks that complies with the requirements of 49 U.S.C. § 5323(v)(2).

CATEGORY 21. PUBLIC TRANSPORTATION ON INDIAN RESERVATIONS FORMULA AND DISCRETIONARY PROGRAM (TRIBAL TRANSIT PROGRAMS).

Before FTA may provide Federal assistance for an Award financed under either the Public Transportation on Indian Reservations Formula or Discretionary Program authorized under 49 U.S.C. § 5311(c)(1), as amended by the FAST Act, (Tribal Transit Programs), the applicant must select the Certifications in Category 21, except as FTA determines otherwise in writing.

Tribal Transit Program applicants may certify to this Category and Category 1 (Certifications and Assurances Required of Every Applicant) and need not make any other certification, to meet Tribal Transit Program certification requirements. If an applicant will apply for any program in addition to the Tribal Transit Program, additional certifications may be required.

FTA has established terms and conditions for Tribal Transit Program grants financed with Federal assistance appropriated or made available under 49 U.S.C. § 5311(c)(1). The applicant certifies that:

- (a) It has or will have the legal, financial, and technical capacity to carry out its Award, including the safety and security aspects of that Award.
- (b) It has or will have satisfactory continuing control over the use of its equipment and facilities acquired or improved under its Award.
- (c) It will maintain its equipment and facilities acquired or improved under its Award, in accordance with its transit asset management plan and consistent with FTA regulations, “Transit Asset Management,” 49 CFR Part 625. Its Award will achieve maximum feasible coordination with transportation service financed by other federal sources.
- (d) With respect to its procurement system:
 - (1) It will have a procurement system that complies with U.S. DOT regulations, “Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards,” 2 CFR Part 1201, which incorporates by reference U.S. OMB regulatory guidance, “Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards,” 2 CFR Part 200, for Awards made on or after December 26, 2014,
 - (2) It will have a procurement system that complies with U.S. DOT regulations, “Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments,” 49 CFR Part 18, specifically former 49 CFR § 18.36, for Awards made before December 26, 2014, or
 - (3) It will inform FTA promptly if its procurement system does not comply with either of those U.S. DOT regulations.
- (e) It will comply with the Certifications, Assurances, and Agreements in:
 - (1) Category 05.1 and 05.2 (Charter Service Agreement and School Bus Agreement),
 - (2) Category 06 (Transit Asset Management Plan),
 - (3) Category 07.1 and 07.2 (Rolling Stock Buy America Reviews and Bus Testing),
 - (4) Category 09 (Formula Grants for Rural Areas),
 - (5) Category 15 (Alcohol and Controlled Substances Testing), and
 - (6) Category 17 (Demand Responsive Service).

FEDERAL FISCAL YEAR 2021 CERTIFICATIONS AND ASSURANCES FOR FTA ASSISTANCE PROGRAMS

(Signature pages alternate to providing Certifications and Assurances in TrAMS.)

Name of Applicant: Southern California Association of Governments

The Applicant certifies to the applicable provisions of categories 01–21. _____

Or,

The Applicant certifies to the applicable provisions of the categories it has selected:

Category	Certification
01 Certifications and Assurances Required of Every Applicant	X _____
02 Public Transportation Agency Safety Plans	_____ _____
03 Tax Liability and Felony Convictions	X _____
04 Lobbying	X _____
05 Private Sector Protections	X _____
06 Transit Asset Management Plan	X _____
07 Rolling Stock Buy America Reviews and Bus Testing	X _____
08 Urbanized Area Formula Grants Program	X _____
09 Formula Grants for Rural Areas	X _____
10 Fixed Guideway Capital Investment Grants and the Expedited Project Delivery for Capital Investment Grants Pilot Program	X _____
11 Grants for Buses and Bus Facilities and Low or No Emission Vehicle Deployment Grant Programs	X _____

12	Enhanced Mobility of Seniors and Individuals with Disabilities Programs	X
13	State of Good Repair Grants	X
14	Infrastructure Finance Programs	X
15	Alcohol and Controlled Substances Testing	X
16	Rail Safety Training and Oversight	X
17	Demand Responsive Service	X
18	Interest and Financing Costs	X
19	Construction Hiring Preferences	X
20	Cybersecurity Certification for Rail Rolling Stock and Operations	X
21	Tribal Transit Programs	

FEDERAL FISCAL YEAR 2021 FTA CERTIFICATIONS AND ASSURANCES SIGNATURE

PAGE

(Required of all Applicants for federal assistance to be awarded by FTA in FY 2021)

AFFIRMATION OF APPLICANT

Southern California Association of Governments

Name of the Applicant: _____

BY SIGNING BELOW, on behalf of the Applicant, I declare that it has duly authorized me to make these Certifications and Assurances and bind its compliance. Thus, it agrees to comply with all federal laws, regulations, and requirements, follow applicable federal guidance, and comply with the Certifications and Assurances as indicated on the foregoing page applicable to each application its Authorized Representative makes to the Federal Transit Administration (FTA) in federal fiscal year 2021, irrespective of whether the individual that acted on his or her Applicant’s behalf continues to represent it.

FTA intends that the Certifications and Assurances the Applicant selects on the other side of this document should apply to each Award for which it now seeks, or may later seek federal assistance to be awarded during federal fiscal year 2021.

The Applicant affirms the truthfulness and accuracy of the Certifications and Assurances it has selected in the statements submitted with this document and any other submission made to FTA, and acknowledges that the Program Fraud Civil Remedies Act of 1986, 31 U.S.C. § 3801 *et seq.*, and implementing U.S. DOT regulations, “Program Fraud Civil Remedies,” 49 CFR part 31, apply to any certification, assurance or submission made to

FTA. The criminal provisions of 18 U.S.C. § 1001 apply to any certification, assurance, or submission made in connection with a federal public transportation program authorized by 49 U.S.C. chapter 53 or any other statute

In signing this document, I declare under penalties of perjury that the foregoing Certifications and Assurances, and any other statements made by me on behalf of the Applicant are true and accurate.

Signature giraldo@scag.ca.gov Digitally signed by giraldo@scag.ca.gov
DN: cn=giraldo@scag.ca.gov
Date: 2021.04.01 12:08:20 -07'00' Date: 4/1/21

Name Cindy Giraldo Authorized Representative of Applicant

AFFIRMATION OF APPLICANT’S ATTORNEY

For (Name of Applicant): Southern California Association of Governments

As the undersigned Attorney for the above-named Applicant, I hereby affirm to the Applicant that it has authority under state, local, or tribal government law, as applicable, to make and comply with the Certifications and Assurances as indicated on the foregoing pages. I further affirm that, in my opinion, the Certifications and Assurances have been legally made and constitute legal and binding obligations on it.

I further affirm that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these Certifications and Assurances, or of the performance of its FTA assisted Award.

Signature houston@scag.ca.gov Digitally signed by houston@scag.ca.gov
DN: cn=houston@scag.ca.gov
Date: 2021.04.01 09:05:05 -07'00' Date: April 1, 2021

Name Michael RW Houston, Chief Counsel Attorney for Applicant

Each Applicant for federal assistance to be awarded by FTA must provide an Affirmation of Applicant’s Attorney pertaining to the Applicant’s legal capacity. The Applicant may enter its electronic signature in lieu of the Attorney’s signature within TrAMS, provided the Applicant has on file and uploaded to TrAMS this hard-copy Affirmation, signed by the attorney and dated this federal fiscal year.



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021–2022

B

Resolution



SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS
900 Wilshire Blvd., Ste. 1700
Los Angeles, CA 90017
T: (213) 236-1800
www.scag.ca.gov

RESOLUTION NO. 21-632-2

**A RESOLUTION OF THE SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS ADOPTING
THE FISCAL YEAR 2021-22 COMPREHENSIVE BUDGET**

REGIONAL COUNCIL OFFICERS

President
Rex Richardson, Long Beach

First Vice President
Clint Lorimore, Eastvale

Second Vice President
Jan C. Harnik, Riverside County
Transportation Commission

Immediate Past President
Alan D. Wapner, San Bernardino
County Transportation Authority

COMMITTEE CHAIRS

Executive/Administration
Rex Richardson, Long Beach

Community, Economic &
Human Development
Jorge Marquez, Covina

Energy & Environment
David Pollock, Moorpark

Transportation
Cheryl Viegas-Walker, El Centro

WHEREAS, the Southern California Association of Governments (SCAG) is the Metropolitan Planning Organization, for the six-county region consisting of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial counties pursuant to 23 U.S.C. § 134 et seq. and 49 U.S.C. §5303 et seq.; and

WHEREAS, SCAG has developed the Fiscal Year (FY) 2021-22 Comprehensive Budget that includes the following budget components: the Overall Work Program (OWP); the FTA Discretionary and Formula Grant Budget; the TDA Capital and Debt Service Budget; the General Fund Budget; the Indirect Cost Budget (ICAP); and the Fringe Benefits Budget; and

WHEREAS, the OWP is the basis for SCAG’s annual regional planning activities and budget; and

WHEREAS, in conjunction with the OWP Agreement and Master Fund Transfer Agreement, the OWP constitutes the annual funding contract between the State of California Department of Transportation (Caltrans) and SCAG for the Consolidated Planning Grant (CPG), the Sustainable Transportation Planning Grants, and the Adaptation Planning Grants; and

WHEREAS, SCAG is also eligible to receive other Federal and/or State grant funds and/or local funds for certain regional transportation planning related activities. For such funding upon award, the funds are implemented through the OWP and SCAG and the applicable Federal or State agency shall execute the applicable grant agreement(s); and

WHEREAS, SCAG’s Regional Council authorized release of the FY 2021-22 Draft OWP for a thirty-day public comment period on March 4, 2021, and submitted the Draft OWP to Caltrans, the Federal Transportation Agency and the Federal Highway Administration for review and comment. All comments received to the Draft OWP have been addressed and incorporated into the FY 2021-22 Final OWP within the Comprehensive Budget as appropriate; and

WHEREAS, the FY 2021-22 Comprehensive Budget, along with its corresponding staff report and this resolution, has been reviewed and discussed by SCAG’s Regional Council on May 6, 2021.


NOW, THEREFORE, BE IT RESOLVED, by the Regional Council of the Southern California Association of Governments, that the FY 2021-22 Comprehensive Budget is approved and adopted.

BE IT FURTHER RESOLVED THAT:

1. The Regional Council hereby authorizes submittal of SCAG's approved FY 2021-22 OWP to the participating State and Federal agencies.
2. The Regional Council hereby authorizes submittal of SCAG's approved FY 2021-22 Indirect Cost Allocation Plan (ICAP) to the participating State and Federal agencies.
3. SCAG pledges to pay or secure in cash or services, or both, the matching funds necessary for financial assistance.
4. The SCAG Executive Director, or in his absence, the Chief Financial Officer, is hereby designated and authorized to execute all related agreements and other documents on behalf of the Regional Council.
5. The SCAG Executive Director, or in his absence, the Chief Financial Officer, is hereby authorized to make and submit to the applicable funding agencies, the necessary work program, and budget modifications to SCAG's FY 2021-22 OWP, based on actual available funds and to draw funds as necessary on a line of credit or other requisition basis.
6. The SCAG Executive Director, or in his absence, the Chief Financial Officer, is hereby authorized to submit grant applications and execute the applicable grant agreements and any amendments with the applicable Federal or State agency and to implement grant funds through SCAG's OWP, and this includes submittal and execution of the required Overall Work Program Agreement (OWPA) and the Master Fund Transfer Agreement (MFTA) with Caltrans, as part of the Caltrans Sustainable Transportation Planning Grant Programs.
7. The SCAG Executive Director, or in his absence, the Chief Financial Officer, is hereby authorized to make administrative amendments to the FY 2021-22 OWP that do not affect the delivery of regional transportation planning tasks, activities, steps, products, or the funding amounts listed on the OWPA.
8. The SCAG Executive Director, or in his absence, the Chief Financial Officer, is hereby authorized to make administrative amendments to the FY 2021-22 General Fund Budget; the Indirect Cost Budget; FTA Discretionary and Formula Grant Budget; and the TDA Capital and Debt Service Budget that do not affect the overall funding amounts approved by the SCAG Regional Council and the participating State and Federal agencies.
9. The SCAG Executive Director, or in his absence, the Chief Financial Officer, is hereby authorized to negotiate and execute subrecipient agreements (e.g., memorandum of understanding) and related documents, on behalf of the Regional Council, involving the expenditure of funds programed under the FY 2021-22 Comprehensive Budget.


PASSED, APPROVED AND ADOPTED by the Regional Council of the Southern California Association of Governments at its regular meeting this 6th day of May, 2021.

[SIGNATURES ON FOLLOWING PAGE]



Rex Richardson
President, SCAG
Vice Mayor, City of Long Beach

Attested by:



Kome Ajise
Executive Director

Approved as to Form:



Michael R.W. Houston
Chief Counsel



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021–2022

C

Glossary

Glossary

AA	Alternative Analysis
ACE	Alameda Corridor East – a 35-mile corridor extending through the San Gabriel Valley between East Los Angeles and Pomona and connecting the Alameda Corridor to the transcontinental railroad network.
Activity Based Model (ABM)	ABM is a newly developed travel demand model by SCAG. The model is to analyze traffic patterns by land use strategies and transportation investment for SCAG’s main plans and projects, including Connect SoCal.
ADA	Americans with Disabilities Act of 1990 – guarantees equal opportunity for individuals with disabilities in public accommodations, employment, transportation, State and local government services, and telecommunications. It prescribes federal transportation requirements for transportation providers.
Antelope Valley AQMD	Antelope Valley Air Quality Management District – the air pollution control agency for the portion of Los Angeles County north of the San Gabriel Mountains.
APS	Alternative Planning Strategy
AQMP	Air Quality Management Plan – regional plan for air quality improvement in compliance with federal and State requirements.
ARB	Air Resource Board
ARRA	American Recovery and Reinvestment Act 2009
ASHTO	American Association of State Highway and Transportation Officials – a nonprofit, nonpartisan association representing highway and transportation departments in the 50 states, the District of Columbia and Puerto Rico.

Assembly Bill (AB 101)	A legislation passed in 2019 that makes several changes to housing-related provisions of State law and establishes several housing-related grant programs administered by the State. Grant programs established by AB 101 include the Regional Early Action Planning (REAP) grant available to councils of governments such as SCAG and the Local Early Action Planning (LEAP) grant available to local jurisdictions.
ATAC	Aviation Technical Advisory Committee
ATIS	Advanced Traveler Information Systems – technology used to provide travelers with information, both pre-trip and in-vehicle, so they can better utilize the transportation system.
ATMS	Advanced Transportation Management Systems – technology used to improve the operations of the transportation network.
ATP	Active Transportation Program
AVO	Average Vehicle Occupancy – calculated by dividing the total number of travelers by the total number of vehicles.
AWS	Amazon Web Services
Base Year	The year 2000, used in the RTP performance analysis as a reference point for current conditions.
Baseline	Future scenarios in which only projects in the 2002 RTIP that have federal environmental clearance by December 2002 are assumed to be completed. The Baseline functions as the “No-Project” alternative used in the RTP Program EIR.
BLS	Bureau of Labor Statistics – the principal fact-finding agency for the federal government in the broad field of labor economics and statistics.
BPAC	Bike/Ped Advisory Committee
BTA	Bicycle Transportation Account

Bus Rapid Transit

Bus transit service that seeks to reduce travel time through measures such as traffic signal priority, automatic vehicle location, dedicated bus lanes, limited-stop service, and faster fare collection policies.

CAA

Clean Air Act (CAA) – 1970 federal act that authorized EPA to establish air quality standards to limit levels of pollutants in the air. EPA has promulgated such standards (or NAAQS) for six criteria pollutants: sulfur dioxide (SO₂), nitrogen dioxide (NO₂), carbon monoxide (CO), ozone, lead, and particulate matter (PM₁₀). All areas of the United States must maintain ambient levels of these pollutants below the ceilings established by the NAAQS; any area that does not meet these standards is a "nonattainment" area. States must develop SIPs to explain how they will comply with the CAA. The act was amended in 1977 and again in 1990.

California Department of Housing and Community Development (HCD)

HCD is the State agency responsible for Statewide housing programs and policies. They are involved with SCAG's RHNA process and review housing elements of jurisdictions. HCD oversees the Regional Early Action Planning (REAP) and LEAP grants and other housing-related funds statewide.

CALOTS

California Land Opportunities Tracking System

Caltrans

California Department of Transportation – State agency responsible for the design, construction, maintenance, and operation of the California State Highway System, as well as that portion of the Interstate Highway System within the State's boundaries.

CARB

California Air Resources Board – State agency responsible for attaining and maintaining healthy air quality through setting and enforcing emissions standards, conducting research, monitoring air quality, providing education and outreach, and overseeing/assisting local air quality districts.

Catalytic demand

Additional aviation demand that is created by companies that locate in the proximity of expanding airports with developable land around them, to reduce airport ground access time and costs for their employees and clients. Catalytic demand is greatest for large hub airports, particularly international airports.

CBP

Compass Blueprint

GLOSSARY

CBTP	Community Based Transportation Planning
CEC	California Energy Commission
CEHD	Community, Economic, and Human Development Committee
CEQA	California Environmental Quality Act – State law providing certain environmental protections that apply to all transportation projects funded with State funds.
CETAP	Community Environmental and Transportation Acceptability Process – part of the Riverside County Integrated Project that is examining where to locate possible major new multi-modal transportation facilities to serve the current and future transportation needs of Western Riverside County, while minimizing impacts on communities and the environment.
C.F.R.	Code of Federal Regulations
CHTS	California Household Travel Survey
CMA	County Congestion Management Agencies
CMAQ	Congestion Mitigation and Air Quality Program – federal program initiated by ISTEA to provide funding for surface transportation and other related projects that contribute to air quality improvements and reduce congestion.
CMP	Corridor Management Plan
CMS	Congestion Management System (also the federal reference to California Congestion Management Program) – a program to reduce congestion on regional streets and roads using travel demand reduction and operational management strategies.
COG	Council of Governments – under State law, a single or multi-county council created by a Joint Powers agreement.
COMPASS / Growth Visioning	A planning process guided by input from the public and initiated by SCAG to develop a regional strategy for addressing future growth in Southern California.

Congestion pricing	User fee imposed on vehicles during peak demand periods on congested roadways.
Connect SoCal	The 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. Connect SoCal embodies a collective vision for the region's future and is developed with input from local governments, county transportation commissions (CTCs), tribal governments, non-profit organizations, businesses, and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura.
Constant dollars	Dollars expended/received in a specific year adjusted for inflation/deflation relative to another time period.
Corridor	In planning, a broad geographical band that follows a general directional flow or connects major sources of trips. It may contain several streets and highways, and transit lines and routes.
CRM	Customer Relation Management System
CSMP	Corridor System Management Plan
CTC	California Transportation Commission – a nine-member board appointed by the governor to oversee and administer State and federal transportation funds and provides oversight on project delivery.
CTIPS	California Transportation Improvement Program System – a project programming database system used to develop and manage various transportation programming documents as required under State and federal law efficiently and effectively.
CTPP	Census Transportation Planning Products Program
Curb Space Management Study (CSMS)	The primary purpose of the Curb Space Management Study (CSMS), is to take a comprehensive and multimodal review of some of the most congested and complicated curb space locations within the six-county SCAG region

GLOSSARY

Current dollars	Actual dollars expended/received in a specific year without adjustments for inflation/deflation.
CVO	Commercial Vehicle Operations – management of commercial vehicle activities through ITS.
DCP	Department of City Planning (City of Los Angeles)
Deficiency Plan	Set of provisions contained in a Congestion Management Plan to address congestion when unacceptable levels of congestion occur. Projects implemented through the Deficiency Plan must, by statute, have both mobility and air quality benefits.
DEI	Diversity, equity, and inclusion (DEI) - refers to programs and policies that, when successful, can lead to a more equitable future of work
DOE	United States Department of Energy
DTIM	Direct Travel Impact Model – a vehicle emissions forecasting model.
EAC	Executive and Administration Committee
EAVTAM	Enhanced Antelope Valley Transportation Model
EDF	Environmental Defense Fund – a national nonprofit organization that seeks to protect the environmental rights of all people, including future generations.
EEC	Energy and Environment Committee
EIR	Environmental Impact Report – an informational document, required under CEQA, which will inform public agency decision-makers and the public generally of the significant environmental effects of a project, possible ways to minimize significant effects, and reasonable alternatives to the project.
EJ	Environmental Justice

GLOSSARY

EMFAC	Emission Factor – model that estimates on-road motor vehicle emission rates for current year as well as back-casted and forecasted inventories.
Enhanced Infrastructure Financing District (EIFD)	A legally constituted governmental entity separate and distinct from the city or county that established it for the sole purpose of financing public facilities or other projects as authorized.
EPA	Environmental Protection Agency – federal agency established to develop and enforce regulations that implement environmental laws enacted by Congress to protect human health and safeguard the natural environment.
ERP	Enterprise Resource Planning
ESRI	Esri is an international supplier of Geographic Information System software, web GIS and geodatabase management applications. The company is headquartered in Redlands, California.
EV	Electric Vehicle
FAA	Federal Aviation Administration – federal agency responsible for issuing and enforcing safety regulations and minimum standards, managing air space and air traffic, and building and maintaining air navigation facilities.
FFY	Federal Fiscal Year - period beginning October 1 and ending the following September 30.
FHWA	Federal Highway Administration – federal agency responsible for administering the Federal-Aid Highway Program, which provides federal financial assistance to the states to construct and improve the National Highway System, urban and rural roads, and bridges.
Financially constrained	Expenditures are said to be financially constrained if they are within limits of anticipated revenues.
FMS	Financial Management System

FRA	Federal Railroad Administration – federal agency created to promulgate and enforce rail safety regulations, administer railroad assistance programs, conduct research and development in support of improved railroad safety and national rail transportation policy, and consolidate government support of rail transportation activities.
FTA	Federal Transit Administration – the federal agency responsible for administering federal transit funds and assisting in the planning and establishment of area wide urban mass transportation systems. As opposed to FHWA funding, most FTA funds are allocated directly to local agencies, rather than Caltrans.
FTIP	Federal Transportation Improvement Program – a three-year list of all transportation projects proposed for federal transportation funding within the planning area of an MPO.
Future Communities Pilot Program (FCPP)	A SCAG grant program launched in 2018 to support the piloting and assessment of new and smart technologies to reduce transportation demand and improve government service provision. The eight pilot projects are expected to conclude in 2022 and will identify innovative ways to reduce Vehicle Miles Traveled (VMT), quantify the impacts of technology based VMT reduction strategies, improve efficiency and reduce costs, and promote replicable projects and best practices.
FY	Fiscal Year – period beginning July 1 and ending the following June 30.
GA	General Assembly
GARVEE	Grant Anticipation Revenue Vehicles – a debt financing instrument authorized to receive federal reimbursement of debt service and related financing costs under Section 122 of Title 23, United States Code. GARVEEs can be issued by a state, a political subdivision of a state, or a public authority.
GHG	Greenhouse Gas – Gases that trap heat in the atmosphere, causing climate change.

GIS / EGIS

Enterprise Geographic Information System – powerful mapping software that links information about where things are with information about what things are like. GIS allows users to examine relationships between features distributed unevenly over space, seeking patterns that may not be apparent without using advanced techniques of query, selection, analysis, and display.

GNP

Gross National Product – an estimate of the total value of goods and services produced in any specified country in a given year. GNP can be measured as a total amount or an amount per capita.

Government to University (G2U)

The G2U Initiative is a growing group of vibrant, regional networks connecting local, state, and federal government leaders with key faculty and administrators from surrounding colleges and universities. The Los Angeles G2U recently launched a project to address barriers to talent and diversity in public sector careers and supports SCAG’s commitment to diversity, equity, and inclusion and the steering committee includes member cities, as well as state, federal, and other local and university partners.

Grade crossing

A crossing or intersection of highways, railroad tracks, other guideways, or pedestrian walks, or combinations of these at the same level or grade.

Greenhouse Gas Reduction Fund (GGRF)

The GGRF receives Cap-and-Trade auction proceeds and defines how the auction proceeds are administered. The Legislature appropriates money from the GGRF to agencies to administer California Climate Investments programs that facilitate greenhouse gas (GHG) emission reductions and provide additional economic, environmental, and public health benefits.

GRI

Green Region Initiative

HDT

Heavy Duty Truck – truck with a gross vehicle weight of 8,500 pounds or more.

Home-based work trips

Trips that go between home and work, either directly or with an intermediate stop. Home-based work trips include telecommuting, working at home and non-motorized transportation work trips.

HOT Lane	High Occupancy Toll Lane – an HOV lane that single-occupant drivers can pay to drive in.
Housing and Sustainable Development (HSD)	A resource category within the Sustainable Communities Program intended to provide beneficial resources to cities and counties for housing production planning implementing the Regional Housing Need Allocation (RHNA) and to further implementation of the Sustainable Communities Strategy (SCS).
HOV	High Occupancy Vehicle – vehicles with two (and in some cases three) or more occupants. Vehicles include automobiles, vans, buses, and taxis.
HOV Lane	High Occupancy Vehicle Lane – a lane restricted to vehicles with two (and in some cases three) or more occupants to encourage carpooling. Vehicles include automobiles, vans, buses, and taxis.
HPMS	Highway Performance Monitoring System – a federally mandated program designed by FHWA to assess the performance of the nation’s highway system.
HSR	High-Speed Rail
HQTA	High Quality Transit Areas
HUD	U.S. Department of Housing and Urban Development – federal agency charged with increasing homeownership, supporting community development, and increasing access to affordable housing free from discrimination.
ICAPCD	Imperial County Air Pollution Control District – local air agency mandated by State and federal regulations to implement and enforce air pollution rules and regulations.
ICTC	Imperial County Transportation commission
IGR	Inter-Governmental Review – review of regionally significant local plans, projects, and programs for consistency with SCAG’s adopted regional plans. SCAG is the authorized regional agency for IGR.
IHL	Institutes for Higher Learning

IIG	Infill Incentive Grant
Infrastructure	The basic facilities, equipment, services, and installations needed for the growth and functioning of a community.
Integrated Climate Adaptation and Resilience Program (ICARP)	A program established by the Governor's Office of Planning and Research pursuant to Senate Bill 246 (Wieckowski) designed to develop a cohesive and coordinated response to the impacts of climate change, and to develop holistic strategies to coordinate climate activities at the state, regional and local levels, while advancing social equity.
IOS	Initial Operating Segment.
ISTEA	Intermodal Surface Transportation Efficiency Act – signed into federal law on December 18, 1991, it provided authorization for highways, highway safety and mass transportation for FYs 1991–1997 and served as the legislative vehicle for defining federal surface transportation policy.
IT	Information Technologies – support or management of computer-based information systems
ITIP	Interregional Transportation Improvement Program - the portion of the STIP that includes projects selected by Caltrans (25 percent of STIP funds).
ITLUM	Integrated Transportation and Land Use Model
ITS	Intelligent Transportation Systems – systems that use modern detection, communications, and computing technology to collect data on system operations and performance, communicate that information to system managers and users, and use that information to manage and adjust the transportation system to respond to changing operating conditions, congestion, or accidents. ITS technology can be applied to arterials, freeways, transit, trucks, and private vehicles. ITS include Advanced Traveler Information Systems (ATIS), Advanced Public Transit Systems (APTS), Advanced Traffic Management Systems (ATMS), Advanced Vehicle Control Systems (AVCS) and Commercial Vehicle Operations (CVO).

IVAG

Imperial Valley Association of Governments – Council of Governments for Imperial County. IVAG is responsible for short-range transportation planning, including all projects utilizing federal and State highway and transit funds.

JARC

Job Access Reverse Commute formula grant – Federal Transit Administration program that funds transportation projects designed to help low-income individuals access to employment and related activities where existing transit is unavailable, inappropriate, or insufficient.

JPA

Joint Powers Authority – two or more agencies that enter into a cooperative agreement to jointly wield powers that are common to them. JPAs are a vehicle for the cooperative use of existing governmental powers to finance and provide infrastructure and/or services in a cost-efficient manner.

LACMTA

Los Angeles County Metropolitan Transportation Authority, more commonly referred to as the MTA or Metro – agency responsible for planning and funding countywide transportation improvements, administering the county’s transportation sales tax revenues, and operating bus and rail transit service.

Last Mile Freight Program (LMFP)

SCAG has partnered with the Mobile Source Air Pollution Reduction Review Committee (MSRC) to establish the Last Mile Freight Program (LMFP). Key goals include achieving immediate greenhouse gas emission and criteria air pollutant (NO_x and PM_{2.5}) reductions, informing the future of ZE/NZE scalability for the SCAG region, and providing insights on cutting edge ZE/NZE technology return-on-investment (ROI) and performance through vehicle/equipment and infrastructure operations, maintenance, and reliability.

LAUPT

Los Angeles Union Passenger Terminal, also known as Union Station.

LAWA

Los Angeles World Airports – aviation authority of the City of Los Angeles. LAWA owns and operates Los Angeles International (LAX), Ontario International, Van Nuys, and Palmdale airports.

LAX

Los Angeles International Airport

LCMC	Legislative/Communications and Membership Committee
LCVs	Longer-Combination Vehicles – includes tractor-trailer combinations with two or more trailers that weigh more than 80,000 pounds.
LEM	Location Efficient Mortgage – allows people to qualify for larger loan amounts if they choose a home in a densely populated community that is well-served by public transit, and where destinations are located close together so that they can also walk and bike instead of driving everywhere.
Livable Communities	Communities that are pedestrian- and transit-friendly environments, achieved through local government building and design standards and private builders' implementation.
Local Early Action Plan (LEAP)	LEAP is a one-time non-competitive funding grant available to local jurisdictions to accelerate housing production. The amount is based on population size. Applications were due to HCD by January 31, 2021.
Los Angeles-San Diego-San Luis Obispo (LOSSAN) Rail Corridor	A 351-mile LOSSAN Rail Corridor between San Luis Obispo and San Diego which carries Amtrak Pacific Surfliner, Metrolink commuter rail, and freight service. The Pacific Surfliner service is managed by the LOSSAN Rail Corridor Agency, which is a joint powers authority (JPA) governed by a board of directors and member agencies including county transportation commissions, Amtrak and the Southern California Association of Governments.
LOSSAN	Los Angeles-San Diego Rail Corridor Agency – a Joint Powers Authority operating in Los Angeles, Orange, and San Diego counties, created to improve the rail system between San Diego and Los Angeles.
LPA	Locally Preferred Alternative
LTF	Local Transportation Fund – fund which receives TDA revenues.
MAGLEV	Magnetic Levitation high-speed transportation system.
MAP	Million Annual Passengers – used to quantify airport activity.

Market incentives	Measures designed to encourage certain actions or behaviors. These include inducements for the use of carpools, buses and other HOVs in place of single-occupant automobile travel. Examples include HOV lanes, preferential parking, and financial incentives.
MDAB	Mojave Desert Air Basin – area defined by State law as comprising the desert portions of Los Angeles, Kern, Riverside, and San Bernardino Counties.
MDAQMD	Mojave Desert Air Quality Management District – local air agency mandated by State and federal regulations to implement and enforce air pollution rules and regulations; encompasses the desert portion of San Bernardino County from the summit of the Cajon Pass north to the Inyo County Line, as well as the Palo Verde Valley portion of Riverside County.
Measure A	Revenues generated from Riverside County’s local half-cent sales tax.
Measure I	Revenues generated from San Bernardino County’s local half-cent sales tax.
Metrolink	Regional commuter rail system connecting Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties and operated by SCRRA.
MIS	Major Investment Study – the preliminary study, including preliminary environmental documentation, for choosing alternative transportation projects for federal transportation funding. An MIS is a requirement, which is conducted cooperatively by the study sponsor and the MPO.
Mixed flow	Traffic movement having autos, trucks, buses, and motorcycles sharing traffic lanes.
Mobility as a Service (MaaS)	Refers to a wide variety of new mobility services and encompasses bike share, scooters, car share, app-based transit services, and ride-hailing. This term refers to the way in which these modes are offered as services brokered by a mobile application, and each vehicle is shared amongst multiple users. Also known as shared mobility services.

GLOSSARY

Mode	A particular form of travel (e.g., walking, traveling by automobile, traveling by bus, or traveling by train).
Mode split	The proportion of total person trips using various specified modes of transportation.
Model	A mathematical description of a real-life situation that uses data on past and present conditions to make a projection.
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization – A federally required planning body responsible for transportation planning and project selection in a region.
MPU	Minimum Planning Unit
MSRC	Mobile Source Air Pollution Reduction Review Committee
MTA	Metropolitan Transportation Authority – see LACMTA
MTS	Metropolitan Transportation System – regional network of roadways and transit corridors.
Multi-modal	A mixture of the several modes of transportation, such as transit, highways, non-motorized, etc.
NAAQS	National Ambient Air Quality Standards – targets established by the U.S. Environmental Protection Agency (EPA) for the maximum contribution of a specific pollutant in the air.
NAFTA	North American Free Trade Agreement – agreement between the governments of Canada, Mexico, and the United States to eliminate barriers to trade and facilitate the cross-border movement of goods and services.
NEPA	National Environmental Protection Act – federal environmental law that applies to all projects funded with federal funds or requiring review by a federal agency.

GLOSSARY

NF	New Freedom formula grant – Federal Transportation Administration
NHTSA	National Highway Traffic Safety Administration
NOx	Nitrogen oxides – a group of highly reactive gases, all of which contain nitrogen and oxygen in varying amounts. NOx is a major component of ozone and smog and is one of six principal air pollutants tracked by the EPA.
OCTA	Orange County Transportation Authority – agency responsible for planning and funding countywide transportation improvements, administering the county’s transportation sales tax revenues, and operating bus transit service.
OnTrac	Orange-North America Trade Rail Access Corridor – formed in April of 2000 to build and support the Orangethorpe Avenue Grade Separation and Trade Corridor project, a 5-mile-long railroad-lowering project that will completely grade separate 11 rail crossings in the cities of Placentia and Anaheim.
OTS	Office of Traffic Safety
OWP	Overall Work Program – SCAG develops an OWP annually, describing proposed transportation planning activities for the upcoming fiscal year, including those required by federal and State law.
PECAS	Production-Exchange-Consumption Allocation System
PEIR	Program Environmental Impact Report
PeMS	Freeway Performance Measurement System – a service provided by the University of California, Berkeley, to collect historical and real-time freeway data from freeways in the State of California to compute freeway performance measures.
Person trip	A trip made by a person by any mode or combination of modes for any purpose.

PILUT	Planning for Integrated Land-Use and Transportation – planning process initiated by SCAG to integrate the tasks related to RTP and PEIR development and COMPASS/Growth Visioning.
PMP	Project Management Plan
PM10	Particulate Matter – a mixture of solid particles and liquid droplets found in the air, 10 micrometers or less in size (a micrometer is one-millionth of a meter). These coarse particles are generally emitted from sources such as vehicles traveling on unpaved roads, materials handling, and crushing and grinding operations, as well as windblown dust.
PM2.5	Particulate Matter – a mixture of solid particles and liquid droplets found in the air, 2.5 micrometers or less in size (a micrometer is one-millionth of a meter). These fine particles result from fuel combustion from motor vehicles, power generation, and industrial facilities, as well as from residential fireplaces and wood stoves.
PPP	Public Private Partnership – public agencies partner with private companies to finance and work on public infrastructure projects.
PRC	Peer Review Committee – an “informal” committee of technical experts usually organized and invited to review and comment on various technical issues and processes used in the planning process.
Priority Growth Area (PGA)	Designated areas prioritized for new development in Connect SoCal based on established criteria (e.g., infrastructure, location, market).
Proposition 42	As of March 2002, placed in the State Constitution those provisions of current law requiring the use of State gasoline sales tax revenues for State and local transportation purposes.
Proposition A	Revenues generated from Los Angeles County’s local half-cent sales tax. Los Angeles County has two permanent local sales taxes (Propositions C and A).
Proposition C	Revenues generated from Los Angeles County’s local half-cent sales tax. Los Angeles County has two permanent local sales taxes (Propositions C and A).

GLOSSARY

PSR	Project Study Report – defines and justifies the project’s scope, cost, and schedule. PSRs are prepared for State highway projects and PSR equivalents are prepared for projects not on the State highway system. Under State law, a PSR or PSR equivalent is required for STIP programming.
PTA	Public Transportation Account – the major State transportation account for mass transportation purposes. Revenues include a portion of the sales tax on gasoline and diesel fuels.
PTC	Planned Positive Train Control
PUC	Public Utilities Commission – regulates privately owned telecommunications, electric, natural gas, water, railroad, rail transit, and passenger transportation companies.
Railroad siding	A short stretch of railroad track used to store rolling stock or enable trains on the same line to pass; also called sidetrack.
RC	Regional Council
RCP	Regional Comprehensive Plan
RCTC	Riverside County Transportation Commission – agency responsible for planning and funding countywide transportation improvements and administering the county’s transportation sales tax revenues.
RDIR	Regional Data and Information Repository
RDP	Regional Data Platform
REAP	Regional Early Action Planning Grant Program – provides one-time grant funding to regional governments and regional entities for planning activities that will accelerate housing production and facilitate compliance in implementing the sixth cycle of the RHNA.
REMI	Regional Economic Model, Incorporated

RHNA	Regional Housing Needs Assessment – quantifies the need for housing within each jurisdiction of the SCAG Region based on population growth projections. Communities then address this need through the process of completing the housing elements of their general plans.
Robust flight portfolio	Providing a range of flight offerings in different haul length categories including short-haul, medium-haul, long-haul and international flights.
ROG	Reactive organic gas – organic compounds assumed to be reactive at urban/regional scales. Those organic compounds that are regulated because they lead to ozone formation.
RPMS	Regional Pavement Management System
RTIP	Regional Transportation Improvement Program – refers to the share of capital outlay improvement funds controlled by regional agencies (75 percent of STIP funds). (Note: The FTIP is locally referred to as the 2002 RTIP.)
RTMS / RTMIS	Regional Transportation Monitoring Information System – internet-based transportation monitoring system. The RTMS will be the source for real-time and historical transportation data collected from local, regional, and private data sources.
RTP	Regional Transportation Plan (RTP) – federally required 20-year plan prepared by metropolitan planning organizations and updated every three years. Includes projections of population growth and travel demand, along with a specific list of proposed projects to be funded.
RTPA	Regional Transportation Planning Agency – planning body responsible for transportation planning and project selection in a region.
RTTAC	Regional Transit Technical Advisory Committee
RSTIS	Regionally Significant Transportation Investment Study -- involves identifying all reasonable transportation options, their costs, and their environmental impacts. RSTIS projects are generally highway or transit improvements that have a significant impact on the capacity,

traffic flow, level of service or mode share at the transportation corridor or sub-area level.

RSTP

Regional Surface Transportation Program – established by the California State Statute utilizing federal Surface Transportation Program funds. Approximately 76 percent of the State’s RSTP funds must be obligated on projects located within the 11 urbanized areas of California with populations of 200,000 or more.

SCP

Sustainable Communities Program – A SCAG’s proven, recognized, and effective framework for deploying essential planning resources throughout the SCAG region.

Senate Bill 375 (SB 375)

Established to implement the state’s greenhouse gas (GHG) emission-reduction goals, as set forth by AB 32, in the sector of cars and light trucks. This mandate requires the California Air Resources Board to determine per capita GHG emission-reduction targets for each metropolitan planning organization (MPO) in the state at two points in the future—2020 and 2035. In turn, each MPO must prepare a Sustainable Communities Strategy (SCS) that demonstrates how the region will meet its GHG reduction target through integrated land use, housing, and transportation planning.

SPM

Scenario Planning Model

SRTS

Safe Routes to Schools

SAFETEA-LU

Safe, Accountable, Flexible and Efficient Transportation Equity Act-A Legacy for Users

SANDAG

San Diego Association of Governments

SAS

SAS Institute is an American developer of analytics software based in Cary, North Carolina. SAS develops and markets a suite of analytics software, which helps access, manage, analyze, and report on data to aid in decision-making.

SASVAM

Small Area Secondary Variable Allocation Model

SB

Senate Bill

SB1

Senate Bill 1 (SB1) – The Road Repair and Accountability Act of 2017, was signed into law on April 28, 2017. This legislative package invests \$54 billion over the next decade to fix roads, freeways and bridges in communities across California and puts more dollars toward transit and safety. These funds will be split equally between state and local investments.

SB45

Senate Bill 45 (Chapter 622, Statutes of 1997, Kopp) – established the current STIP process and shifted control of decision-making from the State to the regional level.

SBCTA

San Bernardino County Transportation Authority –SBCTA is the council of governments and transportation planning agency for San Bernardino County. SBCTA is responsible for cooperative regional planning and developing an efficient multi-modal transportation system countywide.

SCAB

South Coast Air Basin – comprises the non-Antelope Valley portion of Los Angeles County, Orange County, Riverside County, and the non-desert portion of San Bernardino County.

SCAG

Southern California Association of Governments – the metropolitan planning organization (MPO) for six counties including Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial.

SCAQMD

South Coast Air Quality Management District – the air pollution control agency for Orange County and major portions of Los Angeles, San Bernardino, and Riverside Counties in Southern California.

SCCAB

South Central Coast Air Basin – comprises San Luis Obispo, Santa Barbara, and Ventura Counties.

SCRIFA

Southern California Railroad Infrastructure Financing Authority.

SCRRA

Southern California Regional Rail Authority – formed in August 1991, the SCRRA plans, designs, constructs and administers the operation of regional passenger rail lines (Metrolink) serving the counties of Los Angeles, Orange, Riverside, San Bernardino, and Ventura.

GLOSSARY

SCS	Sustainable Communities Strategies
SED	Socioeconomic Data – population, employment, and housing forecast.
SHA	State Highway Account – the major State transportation account for highway purposes. Revenues include the State excise taxes on gasoline and diesel fuel and truck weight fees.
SHOPP	State Highway Operation and Protection Program – a four-year capital improvement program for rehabilitation, safety, and operational improvements on state highways.
SHSP	Strategic Highway Safety Plan
Single Occupant Vehicle (SOV)	Privately operated vehicle that contains only one driver or occupant.
SIP	State Implementation Plan - State air quality plan to ensure compliance with State and federal air quality standards. To be eligible for federal funding, projects must demonstrate conformity with the SIP.
Southern California Optimized Rail Expansion (SCORE)	A \$10 billion package of capital improvements that will expand the capacity of the Metrolink system to provide more regular and frequent service. Includes additional track capacity, new and improved signaling systems, upgraded and enlarged maintenance facilities, grade crossing treatments and separations, fencing and safety features, and state-of-good-repair asset rehabilitation.
Southern California Regional Information System (SCRIS)	The Southern California Regional Information System (SCRIS) is a tool of the Regional Data Platform that orchestrates prominent SCAG geospatial data layers which local jurisdictions will be able to access.
SOW	Scope of Work
SOX	Sulfur Oxide – any of several compounds of sulfur and oxygen, formed from burning fuels such as coal and oil.

GLOSSARY

SR-1	State Route 1– a state highway that runs along much of the Pacific coast. Also known as Pacific Coast Highway (PCH) in Southern California.
SSAB	Salton Sea Air Basin – comprises the Coachella Valley portion of Riverside County and all Imperial County.
STA	State Transit Assistance – State funding program for mass transit operations and capital projects. Current law requires that STA receive 50 percent of PTA revenues.
STDMF	Statewide Travel Demand Model Framework
STIP	State Transportation Improvement Program – a four-year capital outlay plan that includes the cost and schedule estimates for all transportation projects funded with any amount of State funds. The STIP is approved and adopted by the CTC and is the combined result of the ITIP and the RTIP.
STP	Surface Transportation Program – provides flexible funding that may be used by states and localities for projects on any federal-aid highway, bridge projects on any public road, transit capital projects, and intracity and intercity bus terminals and facilities. A portion of funds reserved for rural areas may be spent on rural minor collectors.
SWITRS	State-Wide Integrated Traffic Records System
TAC	Technical Advisory Committee
TANN	Traveler Advisory News Network – provides real-time traffic and transportation information content to communications service providers and consumer media channels both nationally and internationally.
TAZ	Traffic Analysis Zone – zone system used in travel demand forecasting.
TC	Transportation Committee

GLOSSARY

TCA	Transportation Corridor Agencies
TCC	Transportation and Communications Committee
TCM	<p>Transportation Control Measure – a project or program that is designed to reduce emissions or concentrations of air pollutants from transportation sources. TCMs are referenced in the State Implementation Plan (SIP) for the applicable air basin and have priority for programming and implementation ahead of non-TCMs.</p> <p>Traffic Congestion Relief Program – enacted by State legislation in 2000 to provide additional funding for transportation over a six-year period (later extended to eight years). The program is funded by a combination of General Fund revenues (one-time) and ongoing revenues from the State sales tax on gasoline. In March 2002 voters passed Proposition 42, which permanently dedicated gasoline sales tax revenues to transportation purposes.</p>
TCRP	
TCWG	Transportation Conformity Working Group
TDA	<p>Transportation Development Act – State law enacted in 1971 that provided a 0.25 percent sales tax on all retail sales in each county for transit, bicycle, and pedestrian purposes. In non-urban areas, funds may be used for streets and roads under certain conditions.</p> <p>Transportation Demand Management – strategies that result in more efficient use of transportation resources, such as ridesharing, telecommuting, park and ride programs, pedestrian improvements, and alternative work schedules.</p>
TDM	
TEA-21	Transportation Equity Act for the 21st Century – signed into federal law on June 9, 1998, TEA-21 authorizes the federal surface transportation programs for highways, highway safety, and transit for the six-year period 1998–2003. TEA-21 builds upon the initiatives established in ISTEA.
TEAM	Transportation Electronic Award and Management System – FTA grant application and reporting system. Later replaced by the Transit Award Management System (TrAMS).

TEU	Twenty-foot Equivalent Unit.
Tier 2	The set of 2002 RTIP projects that is not included in the Baseline scenario. Tier 2 projects are recognized as committed projects and the RTP gives them first-funding priority after the Baseline.
TIF	Transportation Impact Fee – charges assessed by local governments against new development projects that attempt to recover the cost for streets and roads incurred by government in providing the public facilities required to serve the new development.
TIFIA	Transportation Infrastructure Finance and Innovation Act of 1998 – established a new federal credit program under which the USDOT may provide three forms of credit assistance—secured (direct) loans, loan guarantees, and standby lines of credit—for surface transportation projects of national or regional significance. The program’s fundamental goal is to leverage federal funds by attracting substantial private and other non-federal co-investment in critical improvements to the nation’s surface transportation system. Sponsors may include state departments of transportation, transit operators, special authorities, local governments, and private entities.
TIPs	Transportation Improvement Programs – a capital listing of all transportation projects proposed for a region during some period. The projects include highway improvements, transit, rail and bus facilities, high occupancy vehicle lanes, signal synchronization, intersection improvements, freeway ramps, etc.
TMC	Traffic Management Center – the hub of a transportation management system, where information about the transportation network is collected and combined with other operational and control data to manage the transportation network and to produce traveler information.
TOD	Transit-Oriented Development – a land-use planning tool that promotes pedestrian-friendly environments and supports transit use and ridership. TOD focuses on high-density housing and commercial land-uses around bus and rail stations.

GLOSSARY

TP & D	Transportation Planning and Development Account – a State transit trust fund that is the funding source for the STA program.
TPP	Transit Project Priority
Transit Asset Management (TAM)	A business model that prioritizes funding based on the actual condition of transit assets to achieve or maintain transit networks in a state of good repair.
Transit-dependent	Individual(s) dependent on public transit to meet private mobility needs (e.g., unable to drive, not a car owner, not licensed to drive, etc.).
Transit Priority Area (TPA)	An area within half a mile of major transit stop that is existing or planned.
Transportation Network Company (TNC)	This is the technical term for ride-hailing companies (such as Lyft and Uber) used by the California Public Utilities Commission to create a new class of mobility provider distinguished from taxi companies and limousines.
Trantrak	RTIP database management system.
TSM	Transportation System Management
TUMF	Transportation Uniform Mitigation Fee – ordinance enacted by the Riverside County Board of Supervisors and cities to impose a fee on new development to fund related transportation improvements.
UP	Union Pacific Railroad.
USDOT	U.S. Department of Transportation – federal agency responsible for the development of transportation policies and programs that contribute to providing fast, safe, efficient, and convenient transportation at the lowest cost consistent with those and other national objectives, including the efficient use and conservation of the resources of the United States. USDOT is comprised of ten operating administrations, including FHWA, FTA, FAA, and FRA.
UZA	Urbanized Area

VCTC

Ventura County Transportation Commission – agency responsible for planning and funding countywide transportation improvements.

Vehicle Hours of Delay

The travel time spent on the highway due to congestion. Delay is estimated as the difference between vehicle hours traveled at a specified free flow speed and vehicle hours traveled at a congested speed.

Vehicle trip

The one-way movement of a vehicle between two points.

VMT

Vehicle Miles Traveled – on highways, a measurement of the total miles traveled by all vehicles in the area for a specified time period. It is calculated by the number of vehicles times the miles traveled in each area or on a given highway during the time period. In transit, the number of vehicle miles operated on a given route or line or network during a specified time period.

VOC

Volatile Organic Compounds – organic gases emitted from a variety of sources, including motor vehicles, chemical plants, refineries, factories, consumer and commercial products, and other industrial sources. Ozone, the main component of smog, is formed from the reaction of VOCs and NO_x in the presence of heat and sunlight.



FINAL
**OVERALL WORK
PROGRAM**
FISCAL YEAR 2021-2022

D

**Planning
Activities**

2015 – 2020 CALTRANS STRATEGIC MANAGEMENT PLAN

The Caltrans Strategic Management Plan is a dynamic business plan that provides the vision and goals for the Department's work across the state:

- **Safety and Health:** *Provide a safe transportation system for workers and users and promote health through active transportation and reduced pollution in communities.*
- **Stewardship and Efficiency:** *Responsibly manage California's transportation-related assets.*
- **Sustainability, Livability and Economy:** *Make long-lasting, smart mobility decisions that improve the environment, support a vibrant economy, and build communities, not sprawl.*
- **System Performance:** *Utilize leadership, collaboration, and strategic partnerships to develop an integrated transportation system that provides reliable and accessible mobility for travelers.*
- **Organizational Excellence:** *Be a national leader in delivering quality service through excellent employee performance, public communication, and accountability.*

Caltrans Planning Activities implement these goals through continuous, comprehensive planning coordination with local, regional and state agencies, tribal governments and the public.

CALTRANS PLANNING ACTIVITIES
Districts 7, 8, 11, 12

AIR QUALITY/CLIMATE CHANGE

Purpose: To provide guidance and coordinate Department activities in support of the goals and objectives of the Federal and State Clean Air Acts.

Responsibilities: To work with the federal, state, and local agencies, the public and private sector to reduce congestion and improve air quality. Participate in the development of air quality conformity, congestion management, and emissions reduction plans.

Activity Description	Work Performed (District)	Product	Funding Source	Completion Date
Participate in SCAG/SANDAG Technical Working Groups (TWG) and other committees with local and regional agency partners that focus on RTP/RTIP/SCS development and strategies.	7, 8, 11, 12	Regional Transportation Plan/Sustainable Communities Strategy (RTP/scs) ultimately the Air Quality Management Plan (AQMP) and the Regional Transportation Improvement Program (RTIP).	SP&R	On-going
Participate in Regional Transportation Plan (RTP) Transportation Conformity analysis.	7, 8, 11, 12	Federally approved RTP/RTIP and amendments.	SP&R	On-going
Participate in SCAG Transportation Control Measures (TCM) Subgroup.	7, 8, 11, 12	Federally approved TCM strategies and approved substitutions, ultimately the AQMP.	SP&R	On-going
Participate in the Transportation Conformity Working Group (TCWG) and the Climate Change Working Group.	7, 8, 11, 12, HQ	Interagency coordination resolving regional conformity issues.	SP&R	On-going
Statewide Air quality conformity coordination.	7, 8, 11, 12, HQ	Share updated requirements, plans.	SP&R	On-going
Track and implement air quality, greenhouse gas policy, & climate change policy and legislation impacts to the State Highway System.	7, 8, 11, 12, HQ	Planning & Project delivery support for air quality conformity and greenhouse gas analysis.	SP&R	On-going
Project specific list for entire region (D8, D11, D12)	7, 11	RTP/SCS ultimately the AQMP and TIP.	SP&R	On-going
Statewide climate change risk assessments to the State Highway System.	7, 8, 11, 12, HQ	Produce Statewide Climate change Vulnerability Assessments and create overall Climate Change Adaptation Plan for the state in relation to the SHS.	SP&R	On-going

CALTRANS PLANNING ACTIVITIES

Districts 7, 8, 11, 12

FREIGHT TRANSPORTATION SYSTEM

Purpose: To advocate for projects, programs and strategies that will maximize the efficiency of the statewide and regional multimodal freight transportation system including truck, rail, rail-yards, airports, and seaports and minimize environmental impacts on affected communities.

Responsibilities: To Identify Districts’ priority freight transportation projects, programs, and strategies. Represent Caltrans District on statewide and interagency freight transportation projects, forums and studies. Manage District freight studies. Build partnerships with internal and external agencies and freight transportation industry. Review and comment on freight-related capital outlay projects, other planning areas, internal and external plans and studies.

Activity Description	Performed by (District)	Product/Outcome	Funding Source	Completion Date
Identify and map priority freight transportation corridors, freight infrastructures, projects and studies.	7, 8, 11, 12	District priority project list, district priority study lists for project initiation documents and district Major Freight Transportation Fact Sheets. Up-to-date displays (maps) on the district freight transportation system.	SP&R	Update as required
Coordinate and outreach to external agencies for the California Freight Mobility Plan (CFMP), Calif. Sustainable Freight Action Plan (CSFAP)	7, 8, 11, 12	Up-to-date CFMP and CFAC reports. District wide mobility and sustainability plans for the freight transportation system.	SP&R	As required
Communicate freight transportation-related information for the SCAG-region, and external agencies on internal and external studies.	7, 8, 11, 12, HQ.	Provide Caltrans expertise and guidance to partner agencies.	SP&R	Ongoing
Assess inclusion of freight elements in various district-wide and SCAG region-wide documents	7, 8, 11, 12	Up-to-date major freight elements contained in major planning documents of Caltrans and external agencies – DSMP and TSDP.	SP&R	Ongoing
Attend meetings: CARB Freight Initiative, Joint Regional Council and Policy Committee Workshop on Cap and Trade Funding, support County-Wide Zero-Based Emission Truck Collaborative	7, 8, 11, 12	CARB Freight Initiative, Cap and Trade Funding, Zero-Based Emission Trucks, CNG, truck technology at seaports, regional warehousing	SP&R	Ongoing
Ensure Title VI Element	7, 8, 11, 12	Caltrans Title VI Annual Element Update	SP&R	Yearly
Border Master Plan	11	California-Baja Border Master Plan to coordinate planning and project delivery at land Ports of Entry (POEs).	SP&R	February 2021

CALTRANS PLANNING ACTIVITIES

Districts 7, 8, 11, 12

INTERGOVERNMENTAL REVIEW / CALIFORNIA ENVIRONMENTAL QUALITY ACT (IGR/CEQA)

Purpose: To review federal, state, and local planning & proposed development activity which is required of California Department of Transportation as a legally mandated Inter-governmental review (IGR) program and pursuant to CEQA Statutes and Guidelines. The review is intended to identify potential impacts to state transportation facilities or resources, and to recommend conditions of project approval that mitigate those impacts. These recommendations include sustainable strategies such as housing near employment, a healthy "climate change sensitive" environment, and equally safe access for both motorized and non-vehicular transportation users.

Responsibilities: To review in a timely and consistent manner all local development proposals and projects. To provide early coordination of local land use and development with lead agencies which include cities, counties, school districts, redevelopment agencies, utility districts etc. To coordinate these reviews with all appropriate internal functional units such as traffic operations, design engineers, permits, etc.

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Coordination meetings with external and internal partners.	7, 8, 11, 12	Early scoping comments.	SP&R	On-Going
Review environmental documents of local development projects for areas of opportunity and impact nexus to State Highway System (SHS).	7, 8, 11, 12	IGR Comment letters and meetings.	SP&R	On Going
Provide Caltrans policy-driven recommendations for local development projects to integrate transportation and land use, such as incorporating multi-modal, complete street, and Active Transportation elements that reduces Vehicle Miles Traveled (VMT) and Greenhouse Gas (GHG)	7, 8, 11, 12	IGR Comment letters and meetings.	SP&R	On-Going
Geo-based Tracking System.	7, 8, 11, 12	GIS based software to track development.	SP&R	On-Going
Review General, Specific, and community plans, Tract Map Plans, RTP.	7, 8, 11, 12	Consistency with Caltrans Guidelines & requirements.	SP&R	On-Going
Develop 'Fair Share' Traffic Mitigation Agreements for cumulative impacts to the SHS.	7, 8, 11, 12	Mitigation dollars for future SHS improvement in project area.	SP&R	On- Going

CALTRANS PLANNING ACTIVITIES

Districts 7, 8, 11, 12

INTERGOVERNMENTAL REVIEW (IGR) / HIGH SPEED RAIL (HSR)

Purpose: The California High-Speed Rail Project is a high-speed rail system in the state of California headed by California High-Speed Rail Authority (CHSRA). Initial funding for the project was approved by California voters On November 4, 2008, with the passage of Proposition 1A authorizing \$9.95 billion in general obligation bonds for the project. Additionally, federal funds for HSR were approved for California with the stipulation that the construction of the project would begin in the Central Valley. The CHSRA is currently tasked with planning, design, environmental review, construction and operation of the project. Upon completion, high-speed trains capable of 200 mph are anticipated to link San Francisco and Los Angeles in as little as two and one-half hours. The planned system would also serve other major California cities, such as Sacramento, San Jose, Fresno, Bakersfield Orange County, the Inland Empire and San Diego.

Responsibilities: To review high-speed rail project design/engineering documents and actively engage and coordinate with CHSRA in high-speed rail planning project process. Caltrans will perform IGR on all HSR projects to ensure the identification and mitigation of HSR impacts to Caltrans facilities as required under CEQA and NEPA for locations within Caltrans Right of Way.

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Participate in technical working groups, HSR coordination meetings with Districts 7, 8, and 11 and Caltrans Statewide High Speed Train Project meetings where the High-Speed Train System (HSTS) is concerned.	7, 8, 11, 12	EIR/EIS Development and Coordination. Provide oversight on all work performed by the High-Speed Rail Authority for locations within Caltrans Right of Way.	State of California Bond funds, Federal funds, and TBD.	On -going
California HSR Project (Bakersfield to Palmdale section). California HSR Project (Palmdale to Union Station section). California HSR Project (Union Station to Anaheim section). California HSR Project (Union Station to San Diego section via the Inland Empire).	6, 7 7 7, 12 7, 8, 11	Coordinate & Review Maglev System studies & documents. Participate in Technical Working Groups, public engagement and mitigation monitoring and reporting where the HSTS is concerned.	Private TBD	On-going TBD

MASS TRANSPORTATION

Purpose: To assist local agencies in securing state and federal capital grant funds to construct public transportation projects, and administer those grants to ensure proper use of state and federal funds and successful delivery of those transit projects. Mass Transportation also works to promote improved bus service on the State Highway System, transit connectivity, traveler information/trip planning and transit oriented infill development to reduce traffic congestion and greenhouse gas emissions.

Responsibilities: To implement State Transit Grants Programs (SB-1, STIP, Traffic Congestion Relief Program, Prop. 116, Prop. 1A High Speed Rail and Prop. 1B/State-Local Partnership bonds, federal 5311 rural transit grants; Transportation Development Act (TDA) Program; coordinate Bus Rapid Transit (BRT) and Transit Oriented Development (TOD) proposals with other Caltrans Divisions (Right of Way, Maintenance, Operations, Design); provide planning input on new transit systems under development by partner agencies; provide information on transit-related technologies such as 21st Century streetcars, congestion pricing strategies and transit mitigations for proposed developments that impact state highway facilities.

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Administer state & federal grants transit capital projects such as SB-1, 5311, STIP, TCRP, Prop. 116, Prop. 1A High Speed Rail and Prop. 1B State Local Partnership bonds, General Fund allocations; TDA Unmet Transit Needs process & other TDA Program duties. Work with the MPOs and RTPAs, as well as the other transit stakeholders, to provide technical assistance and guidance during the transit project development and nomination process	7, 8, 11, 12	Review project applications, assist grantees with CTC agenda requests, attend quarterly project review meetings, prepare project progress reports, prepare MA/PS for grant administration, review & approve invoices payments, project closeout/audits.	HQ Mass Transportation EA/E-FIS PID: Grants/general Public Trans activities ; TCRP ; 5311; TDA .	On-going
Various Regional and Transit Agency TAC and Board/Commission Meetings. Prepare briefing notes/ minutes for management or represent Caltrans on stakeholder committees for transit opportunities within the State Highway System.	7, 8, 11, 12	CTC, VCTC, Metro, SCRRA, LOSSAN, High Speed Rail, SCAG Transit TAC, PE/Santa Ana Branch R/W TAC, FTA, OCTA, MTS, NCTD, ICTC, SANDAG, TDA, Exposition Construction Authority, Omnitrans, briefing + actions taken notes.		On Going

MASS TRANSPORTATION - continued

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Transit Innovation Research & Support.	7, 11, 12	Propose/participate in new TOD, BRT, Congestion Pricing transit elements or strategies in the region.		On-Going
Monitor all transit issues and activities in the district region to inform District Programs, plans and projects.	7, 8, 11, 12	Transit strategies analysis at the local and regional level.		On-Going
Review and comment on transit issues during District intergovernmental review process.	7, 8, 11, 12	IGR reviews [transit elements/projects], Transit grant program guidelines, TOD projects on State R/W, legislation analysis		On-Going
Park and Ride – Coordination with District Traffic Ops Mobility and Regional Transit Agencies Rideshare Programs to provide alternate transportation strategies within the State Highway System. Operate, maintain, and plan Park and Ride lots within the County. Develop a long range Park and Ride plan that defines strategy to efficiently utilize existing properties.	7, 8, 11, 12,	Strategies to reduce congestion, enhance ridesharing and improve air quality in the regions by operating and maintaining park & ride lots.	Partially funded by Traffic Ops.	On-Going

MODELING

Purpose: To evaluate the impacts of plans, programs and projects using the SCAG Travel Demand Model and other approved State and Regional Transportation Models. Provide detailed local and region-wide statistics on project impacts for assorted planning documents including traffic studies, environmental reviews and project design. Run simulation programs to assess design alternatives small scale studies.

Responsibilities: To support the planning activities and project delivery of Caltrans Districts by maintaining, evaluating and running the SCAG Travel Demand Model and other approved State & Regional Transportation Models. Respond to requests for statistics related to the current and future performance of the regional transportation system. Participate in regional activities related to the development, maintenance and improvement of the regional models.

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Provide oversight to consultants engaged in traffic studies associated with Caltrans Projects as well as traffic studies associated with land development studies for IGR/CEQA.	7, 8, 11, 12,	Evaluate, and confirm that methodologies and underlying assumptions meet standards of practice, are reasonable, and conform to FHWA guidelines for such studies.		On-going
Evaluate needs of new interchanges resulting from forecasted demand.	7, 8, 11, 12,	Regional, Corridor Plan and Project level support data.		On-going
Participate in SCAG Modeling Task Force Committee.	7, 8, 11, 12,	Quarterly progress report, contracts review, technical issues regarding modeling methodologies and techniques.		On-going
Conduct Model Runs to assess project impacts and changes. Model Analysis.	7, 8, 11, 12,	Analysis tools for project impacts, changes in travel demand, changes in overall system performance such as in Vehicle Miles Traveled (VMT) , Vehicle Hours traveled (VHT), & the generation of travel demand data needed to assess the environmental quality and impacts of the projects.		On-going
Model analysis; Model improvement; serving on model related proposal evaluation committees at SCAG, SANDAG, and County Transportation Commissions.	7, 8, 11, 12,	Analysis tools, growth factors on state highways. Evaluate and confirm methodologies of regional model.		On-going
Evaluate project efficiency across all facilities (general purpose, HOV, Toll, Truck climbing, transit/rail)	7, 8, 11, 12,	Performance statistics of the projects.		On-going
Participate in Regional and Local Transportation Advanced Planning Activities.	7, 8, 11, 12	Early technical analysis & review of regional & local transportation plan, and project requirements.		On-going

PROJECT STUDIES

Purpose: To meet the transportation needs of tomorrow by producing high quality Project Initiation Documents and by conducting Special Studies in cooperation with our Internal and External Partners to provide a safe, sustainable, integrated and efficient transportation system to enhance California’s economy and livability.

Responsibilities: Deliver the 2-year SHOPP PID Workplan. Prepare and provide Caltrans accurate and professional PID Documents. Manage the PID Workplan and Program resources. Coordinate preparation of the PID with various functional units. Provide Independent Quality Assurance (IQA) for the development of PID by local agencies & private developer’s sponsored projects on the State Highway System. Coordinate with Asset Management to develop Workplan which will achieve District performance targets in the SHOPP Ten Year Book. Coordinate with Programming to ensure PID are complete, accurate and delivered in a timely manner to facilitate programming of projects into the SHOPP. Prepare feasibility and special studies as needed.

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Develop Project Initiation Documents (PID) by determining purpose and need for the project. Develop alternatives, project scope, budget, schedule and programming for proposed projects. Provide IQA for the development of PIDs for Local & Regional Agencies and Private Developer sponsored projects on SHS.	7, 8, 11, 12	Project Initiation Documents (PID)	SHA or Local Reimbursement	On-going
Program manager for 40.50 Program for the District.	7, 11, 12	Allocation and monitoring of Department resources under the 40.50 program	SHA	On-going
Participate in Regional and Local Transportation Advanced Planning Activities.	7, 8, 11, 12	Early technical analysis & review of regional & local transportation plan, and project requirements.		On-going
Prepare Internal Feasibility Studies and provide IQA of feasibility studies developed by others.	11, 12	Feasibility Studies	SHA	On-going
County Transportation Commission Feasibility Studies coordination and analysis.	8, 11, 12	Evaluate multi-modal options and recommend strategies.		On-going
Partner with LAMTA, VCTC, OCTA, SANDAG, ICTC, RCTC & SANBAG regarding Project Development Initiation and Coordination Activities	7, 8, 11, 12	Creation of PSRs, PRs, PSSRs and others as required		On-going

REGIONAL PLANNING/SMART MOBILITY

Purpose: To prepare and provide for the region’s mobility in a fiscally and environmentally responsible manner that is consistent with the needs and preferences of the communities within the region and promotes community identity.

A departmental initiative that focuses on the integration of land use and transportation planning activities to encourage the incorporation of safe, sustainable, integrated and accessible transportation system values into local and internal planning.

Responsibilities: To conduct long-range (20+ years), area-wide planning that is developed through a joint effort by the Metropolitan Planning Organization (MPO), state, federal, regional and local agencies, public entities, private and community based organizations, and individuals working together to identify future regional transportation needs. Administer and monitor the MPO’s Overall Work Program (OWP); manage and process Grants of both Caltrans and SCAG Compass Blueprint projects; and coordinate Planning Professional Development. To function as the Department’s resource center for subjects such as Smart Growth and Livable Communities, and Complete Streets.

Activity Description	Performed by (District)	Product/Outcome	Funding Source	Completion Date
Administer Southern California Association of Government (SCAG) and SANDAG Overall Work Programs (OWP) and their related products.	7, 11	Federally approved OWP that lists projects for the SCAG region.	SP&R, FHWA, 5303	On-going
Manage Statewide Transportation Planning Grant Program for Partnering Grants, & Grant Projects:	7, 8, 11, 12	Sustainable Communities, Strategic Partnership, and Adaptation Planning Grant Proposal Awards.	SB1, FHWA, 5304	On-going
LA Metro / Gateway COG 710 Livability Initiative	7		5304	2019
Safe Routes to School Plan (City of Bell);	7		5304	2019
Southern California Association of Government (SCAG) I-105 Corridor Study	7		5304	2019
Metrolink San Bernardino Line (Southern California Regional Rail Authority)	7		5304	2019

REGIONAL PLANNING/SMART MOBILITY - continued

Activity Description	Performed by (District)	Product/Outcome	Funding Source	Completion Date
Coordinate development of California Transportation Plan 2050.	7, 8, 11, 12, HQ	California Transportation Plan 2040	SP&R	On-going
Contribute to the development of the Regional Transportation Plan.	7, 8, 11, 12	Regional Transportation Plan and Sustainable Communities Strategic Plan. Air quality conformity and greenhouse gas analysis.	SP&R	On-going
Involved with development and maintenance of a Statewide Transportation Projects Inventory (STPI). A multimodal Geographical Information System (GIS) mapping tool that displays planned and programmed transportation projects in California.	7, 8, 11, 12, HQ	Partnership with external agencies for integrated regional and interregional transportation projects. Meets Senate Bill 391.		On-going
Participate in Technical Advisory Committees for Complete Streets, Active Transportation, Bicycle & Pedestrian facilities of various agencies.	7, 8, 11, 12, HQ	A transportation facility that is planned, designed, operated, and maintained to provide safe mobility for multi modal users, pedestrians, transit riders, and motorists appropriate to the function and context of the facility.	SP &R	On-going
Promote Livable Communities, Smart growth; Complete Streets, Environmental Justice, and Public Participation strategies in both external and internal Land Use/Transportation planning processes.	7, 8, 11, 12	Improve project & plan delivery; early and continuous stakeholder & partnering; advocate the integration of strategic planning and livable community concepts; participation in technical advisory committees.	SP&R	On-going
Fiscal year end Overall Work Program (OWP) Final Products	7, 11	End-of-Year contracted project deliverables and District 7 library.	SP&R	On-going
Support Smart Mobility which includes Complete Streets, and Active Transportation Planning	7, 8, 11, 12	Caltrans goal for safe, sustainable, and accessible mobility for all users		

REGIONAL PLANNING/SMART MOBILITY - continued

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Promote Livable Communities, Smart growth; Complete Streets, Environmental Justice, and Public Participation strategies in both external and internal Land Use/Transportation planning processes.	7, 8, 11, 12	Improve project & plan delivery; early and continuous stakeholder & partnering; advocate the integration of strategic planning and livable community concepts; participation in technical advisory committees.	SP&R	On-going
Complete Streets, Context Sensitive evaluation of State Highway System transportation issues, locations and opportunities identified by local jurisdiction, region, state and others to develop solutions that improve the system.	7, 8, 11, 12,	Early coordination with regional, local and community group stakeholders. Provide solutions to issues impacting state and local jurisdictions. ATP incorporation.	SP&R	Ongoing
Early Analysis of Regional & Local Transit, Bike or Pedestrian Plans and Strategies	7, 8, 11, 12,	Strategic Long Range Planning Document & Project Management Development List. District Analysis determines impacts or opportunities within the State Highway System.		On-going
Preparation of District Caltrans Active Transportation Plan	7, 11	Phased implementation needs-based list for projects		On-going
Fullerton 2015 Priority Bike Connection Plan (\$250,000)	12	Sustainable Transportation Planning Grant	SHA	Feb 2018
Orange County Active Transportation Count Program (\$200,000)	12	Sustainable Transportation Planning Grant	SHA	Feb 2019
City of Brea Central Core Connectivity and Active Transportation Plan (\$248,491)	12	Sustainable Transportation Planning Grant	SHA	Feb 2020
Quarterly District 11 Bicyclist and Pedestrian (BPAC) meetings	11	Stakeholder engagement and communication for bicycle and pedestrian issues in D-11	SP&R	On-going

SYSTEM PLANNING

Purpose: To provide the basis for an effective transportation decision-making process; this is responsive to the public demand for mobility of people, goods and information.

Responsibilities: To Identify, analyze and display transportation problems on a consistent statewide basis to enable fully informed decisions on the programming of system improvements and on system operations and maintenance.

To allow department management to make short-term decisions that are consistent with long term objectives. Communicate with the public on levels of transportation service, which the State can or cannot provide.

System Planning is Caltrans long-range transportation planning process. Both multi-modal and multi-jurisdictional, the planning process includes evaluating and recommending for programming improvements to the State transportation system.

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Priority determination of projects District-wide for major Caltrans documents	7, 8, 11, 12	The latest District System Management Plan (DSMP), State Highway Operations and Protection Program (SHOPP). Transportation System Development Plan (TSDP) and Interregional System Management Plans (ITSP), of planned and programmed or partially programmed transportation projects. DSMP project listing, Monster list etc.		Due every alternate year / On-going
Transportation Concept Reports (TCRs) Corridor Multimodal Corridor Plans (CMCP)	8, 12 7	Preliminary Planning document that identifies the existing and future route conditions as well as future needs for each route on the SHS. Planning document produced in partnership of the Div. of Traffic Operations and Div. of Planning and other internal/external partners at Caltrans in order to promote planning for system management strategies with high benefit/cost ratios to help Caltrans achieve		On-going On-going

CALTRANS PLANNING ACTIVITIES
Districts 7, 8, 11, 12

Conduct System Planning/Transportation Concept Summaries	8	its goals of system performance, stewardship, safety and operational efficiency. Transportation Concept Report Fact Sheets	SP&R	Ongoing
Identify & discuss inter-county planning issues for long-range Eastern California Transportation Corridors.	6, 8, & 9, Kern COG, Inyo & Mono RTPA's & SANBAG	Eastern California Transportation Planning Partnership.	SP&R, local	On-going
Participates in policy implementation and technical advisory committee with outside agency.	7, 8, 11, 12	Southern California System Management Plan (SCSMP).	SP&R	On-going
Regional Corridor Studies analysis.	11, 12, OCTA, local agencies	Analysis and recommendations for transportation strategies that compliment and/or enhance the operation of the State Highway System.		On-going
Participates in policy implementation and technical advisory committee.	7, 8, 11, 12	Southern California System Management Plan (SCSMP).	SP&R	On-going
District 8 Relinquishment Study, Phase 2: Conventional highways that no longer serve regional and inter-regional traffic are being investigated for their potential relinquishment to the local agencies.	8	Initiation of PSSRs for the relinquishment of relevant highways.	SP&R	On-going
	7, 8	Proposed Relinquishment List. Relinquishment Assessment Reports (RAR)		On-going
Participate in development of County Congestion Management Plan policy.	7, 8, 12	Traffic congestion relief policy document	Prop. 1A&1B, STIP, CMIA, MAP-21	On-going
GIS support for System Planning Documents	7, 11, 12	Maps for all Planning documents		On-going
Contribute information to relinquishment functions in the District	7, 12	Proposed relinquishment list; Relinquishment Assessment Reports (RAR).		On-going
Generate TPSIS forms for SHOPP Projects	7, 8, 11, 12	Planning document that proposes holistic Asset Management-based approach to SHOPP projects, Pre-PID.	SP&R	On-going
Relinquishments	7, 8, 11, 12	Relinquishment of highways that serve local circulation, not interregional or regional trips	SP&R	On-going

TRANSPORTATION SYSTEM INFORMATION (TSI)

Purpose: To manage and monitor the State Highway Inventory. Act as Caltrans liaison with SCAG, LACMTA, VCTC and local agencies on the Highway Performance Monitoring System (HPMS) and Functional Classification of The California Road System for Federal funding.

Responsibilities: District 7 California Road System (CRS) Functional Classification coordinators manage the annual update, correction and modification of the State Highway Inventory. Verify the accuracy of the database and updating the information to include new facility improvements or deletion of relinquished segments.

Monitor the Highway Performance Monitoring System (HPMS), Interregional Road System (IRRS), Strategic Highway Network (STRAHNET), Truck Routes (TASAS), Scenic Highways, California Freeway and Expressway System, Traversable Routes, and National Highway System (NHS). Review transportation studies, and proposals for compliance with Federal, State, and Local laws and regulations.

Participate in inter-district and interdisciplinary studies including, but not limited to, the development of alternative corridor plans for Highway and rapid transit systems.

Activity Description	Performed by (District)	Product	Funding Source	Completion Date
Manage the annual update of the Highway Performance Monitoring System (HPMS) and review local agencies requests for changes to the functional classification of roads.	7, 8, 11, 12	Database and Maps.	SP&R	On-going
Maintain and update data on routes on the State Highway System, including the Freeway and Expressway System, the NHS, IRRS, STRAHNET, Life line Routes, Scenic Highways, and Traversable Routes.	7, 8, 11, 12	Database and Maps.	SP&R	On-going
Update Urban Boundaries, coordinate, recommend and approve revisions to the urban boundaries in the SCAG and SANDAG regions.	7, 8, 11, 12,	Delineation of updated Urban boundaries in the SCAG region, database and maps.	SP&R	On-going
Assist in the development and revision of Information Management Systems.	7, 8, 11, 12	HPMS, BMS, PMS, TMS.	SP&R	On-going
Traffic System Network (TSN): Working with TSI group at HQ to update District As- built input in TSN System.	7, 8, 11, 12	Collect "As-Built" data from various sources and input into HQ System.	HQ TSN	On-going
Assist and process local agencies functional road requests. Advise local agencies on FHWA Functional Classification criteria and procedures.	7, 8, 11, 12	FHWA map (CRS maps) updates	SP&R	On-going

FY 21-22 WORK PROGRAM
For Transportation Planning Activities

FOR _____ City of Corona _____

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
Comprehensive Operations Analysis of the Fixed Route System	Route Needs Study	FTA	\$100,000	December 2022
Expansion and/or service improvements of Corona Transit's fixed route service	Service Improvements	FTA & Local (TDA Article 4)	\$3,000,000	December 2026



**FY 21-22 WORK PROGRAM
For Transportation Planning Activities**

FOR: GOLD COAST TRANSIT DISTRICT

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
Develop Zero Emissions Strategic Transition Plan	Strategic Plan	FTA 5307 (80%)	\$268,504	June 2022

GOLD COAST TRANSIT DISTRICT

FY 21/22 WORK PROGRAM
For Transportation Planning Activities

FOR Imperial County Transportation Commission

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
Planning study for the Forrester Road Corridor & Westmorland Bypass	PSR Forrester Road Corridor	Local Measure D	\$617,500	TBD
Planning study for the region's Imperial Valley Transit services	Region Wide Transit Fare Study	TDA	\$150,000	May 2021
Planning document that identifies short term, mid-term, and long term transportation improvements	Long Range Transportation Plan	TDA	\$200,000	TBD
Comprehensive plan to identify GHG reductions	Regional Climate Action Plan	State	\$200,000	June 2021
Feasibility Study-State Route 78 / Glamis	Multi-use Grade Separated Crossing (GSC)	Federal	437,500	February 2021
Imperial County Regional Active Transportation Plan	Develop a new region-wide ATP	Federal	\$250,000	June 2021
Transit Tracking for Buses	Transit	AVL	\$240,000	July 2021
Coordinated Plan	Transit	TDA	\$125,000	June 2021
Maintenance Audit	Transit	TDA	\$50,000	Oct 2023
Operator Audit	Transit	TDA	\$250,000 \$50K Annual	2021-2025
A comprehensive detailed localized Active Transportation Plan (ATP) focused on bicycle, safe Routes to School, complete streets and other ATP strategies that will connect to its surroundings.	Regional Active Transportation Plan	State	\$250,000	February 2022

FY 21-22 WORK PROGRAM
For Transportation Planning Activities

FOR Los Angeles County Metropolitan Transportation Authority (LACMTA)

Activity Description	Product(s)	Funding Source	Project Budget (FY22)	Estimated Completion Date (current project phase)
Long Range Transportation Plan Update	Draft Short Range Transportation Plan (SRTP) and technical documents, ongoing stakeholder and public engagement	Measure R/M	\$1,651,904	2022
Goods Movement Strategic Plan	Various technical reports documenting equity risk factors related to goods movement and initial evaluation of urban delivery issues in LA County; draft memorandum of understanding (MOU) for the Regional Freight Rail Partnership; I-710 Clean Truck Program design and implementation	Prop A, C, TDA Admin	\$430,000	varies by projects (2022/2023)
North San Fernando Valley BRT	Refined project alternatives, Draft EIR, community outreach, and on-going coordination with Metro's NextGen Bus Plan and LADOT	Measure R/M	\$1,709,374	2021
North Hollywood - Pasadena BRT	Final EIR, community outreach, and on-going coordination with Metro's NextGen Bus Plan and LADOT	Measure R/M	\$909,439	2021
East San Fernando Valley Transit Corridor LRT	Initiation of Post-EIS/R Supplemental Study of the San Fernando Shared Railroad Right-of-Way in Sylmar, Pacoima, and the City of San Fernando; transition of project from planning to construction	Measure R/M	\$350,000	2021
West Santa Ana Branch LRT	Draft EIS/EIR, advanced conceptual engineering, stakeholder meetings, community outreach, and grant assistance to corridor cities	Measure R/M	\$4,546,304	2021
Green Line Extension to Torrance LRT	Draft EIR, advanced conceptual engineering, stakeholder meetings, and community outreach	Measure R/M	\$12,384,607	2023
Eastside Transit Corridor Phase 2 LRT	Recirculated draft EIR, advanced conceptual engineering, community outreach; initiation of San Gabriel Valley Feasibility Study for SR 60 Corridor	Measure R/M	\$8,516,215	2024
Sepulveda Transit Corridor	Environmental analysis, EIS/EIR scoping meetings, community outreach, and initiation work of two pre-development agreement (PDA) contracts	Measure R/M	\$14,188,755	2025

Vermont Transit Corridor	Initiation of environmental clearance process, conceptual design, and community outreach; initiation of Vermont Transit Corridor South Bay Extension Feasibility Study	Measure R/M	\$4,305,560	2024
Crenshaw Northern Extension LRT	Initiation of environmental clearance process, EIR scoping meetings, community outreach, and conceptual design	Measure R/M	\$13,065,863	2023
Centinela Grade Separation	CEQA Statutory Exemption document, 30% preliminary engineering design, and project funding and delivery plan	Local Prop A, C, TDA Admin	\$5,244,994	2022
Rio Hondo Confluence Station Feasibility Study	Completion of a feasibility study and any necessary environmental clearance for a potential station at the confluence site	City of Los Angeles	\$879,980	2022
Arts District/ 6th Street Station HRT	Initiation of Draft EIR and conceptual design	City of Los Angeles (TBD)	\$235,000	2022
LA River Path (central gap)	Continue environmental clearance, 60% Design, community outreach, and stakeholder meetings	Measure R/M	\$7,043,841	2024
Rail-to-River Active Transportation Corridor (Segment B)	Supplemental Alternatives Analysis (SAA), stakeholder meetings, community outreach, selection of revised LPA	Local Prop A, C, TDA Admin	\$444,676	2021
Active Transportation Policy, Bicycle Program, Bicycle Education Safety Training	Active Transportation Strategic Plan updates, Connect US Action Plan, Open Streets grant program, bicycle parking at Metro stations, Bike week, guided community bicycle rides, safety route to school program, bicycle traffic safety classes, etc.	Local Prop A, C, TDA Admin	\$717,727	2022
Metro Active Transport Program (MAT)	Metro Active Transport Program (MAT) Cycle 1 funding agreements and project initiation	Measure R/M	\$606,704	varies by projects (TBD)
First/Last Mile planning for planned transit corridors	Draft First/Last Guidelines, stakeholder coordination, first/last mile plans development for various Measure M projects (incl.: FLM Guidelines; FLM planning for D Line Ext. 1, Regional Connector, K Line Aviation/Century, C Line Ext. to Torrance, Eastside Ext. Phase 2, North San Fernando BRT, NoHo to Pasadena BRT, West Santa Ana Branch)	Measure M	\$3,650,000	varies by projects (2021/2022)
Eastside Light Rail Access Project (construction phase)	Construction of pedestrian and bicycle access improvements by County of Los Angeles through funding agreement with Metro. Metro to provide technical support as needed	Measure R	\$1,818,883	2022
Value Capture Assessment Study	Metro's share for SCAG's Value Capture Assessment study (for the West Santa Ana Branch Corridor and the Vermont Transit Corridor)	Prop A, C, TDA Admin	\$36,000	2022

SCRIP Link Union Station	Initiation of post-Final EIR design development, ongoing stakeholder and public engagement	FTA, Measure R	\$71.7M	2021 (environmental phase)
Rosecrans Marquardt Grade Separation	Bid documents, design approvals, advance utility relocation and right-of-way certification	Measure M, TIGER, STIP, SB1 TCEP, CPUC Prop 190, CHSR Prop 1A	\$23.4M	2021 (final design)
Antelope Valley Line Project	30% design plans and Final EIR, ongoing stakeholder and public engagement	Measure M, TIRCP	\$2.0M	2021 (environmental phase)
SR-138/ SR-18 Project Study Report - Project Development Support (North County)	Project Study Report/Project Development Support (PSR/PDS)	Measure R	\$400,000	2022
I-105 Integrated Corridor Management (South Bay)	Project Study Report/Project Development Support (PSR/PDS)	Measure R	\$900,000	2022
I-710 South Corridor Project	Final EIS/EIR, PA/ED, early action program, additional parallel activities for initiation of working groups, coordination and studies related to various policy proposals, community participation	Measure R, Prop C, Local funds (from POLB, POLA, GCCOG), State RIP fund	\$2.0M	varies by projects (TBD)
1-405 Sepulveda Pass (Phase 1) ExpressLanes Project	PA/ED, 30% design, ConOps, Investment Grade Traffic and Revenue Study, and public engagement	Measure M	\$8,399,300	December 2023
I-105 ExpressLanes project	Begin final design and procure Roadside Toll Collection System contractor and Construction Manager/General Contractor	Measure M	\$6,700,512	April 2021
I-10 ExpressLanes Extension Project	PA/ED, 30% design, ConOps, Investment Grade Traffic and Revenue Study, and public engagement	Toll Revenue	\$12,195,002	December 2023
FTIP	The Program Metro Software as a Services (SaaS) has been used to manage the federally-mandated programmed document (FTIP) on the order of 1000+ transportation projects in LA County with approximately 100 member agencies, including 88 cities, 12 municipal agencies, 4 joint powers association, 2 ports in LA County, which include more than 400 users.	Prop A, C, TDA Admin	\$170,000	2023

FY 21-22 WORK PROGRAM
For Transportation Planning Activities

FOR Orange County Transportation Authority

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
2022 Long-Range Transportation Plan	Long-Range Multimodal Transportation Plan	Measure M2	\$990,000	December 2022
Bike Connectors Gap Closure Feasibility Study	Feasibility Study	Other Federal / State Grant, STIP PPM	\$200,000	June 2022
Bus System Restructuring Study	Bus Restructuring Study	Measure M2	\$550,000	September 2022
Countywide Transportation Demand Management Strategy	Strategic Plan	Other Federal / State Grant, STIP PPM	\$200,000	June 2023
Freeway Bus Rapid Transit Concept study	Transit Corridor Study	FTA, STIP PPM	\$240,000	June 2022
Freeway Chokepoint Study	Strategic Plan	FTA, STIP PPM	\$300,000	March 2023
Mobility Hub Strategy	Strategic Plan	FTA, STIP PPM	\$300,000	June 2022
OC Bus and LOSSAN Rail Corridor Hazard Mitigation Plan	Disaster Mitigation Plan	Other Federal / State Grant	\$125,000	September 2022
Safe Travels Education Program (STEP) Campaign	Safety and Education Campaign	ATP	\$500,000	July 2022
South Orange County Multimodal Transportation Study	Multimodal Transportation Plan	FTA	\$750,000	December 2021

**SCAG FY 2021/22 WORK PROGRAM
for Transportation Planning Activities**

FOR

Riverside County Transportation Commission (RCTC)

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
025 – Air Quality and Conformity	Monitor progress of projects in 2020 RTP/SCS; oversee and provide continued support and development of SCS to meet SB 375 goals/targets, prepare and submit RTP amendments. Continue implementation of commuter assistance/multi-modal service programs, including Transportation Demand Management (TDM)-based outreach promoting transportation alternatives to commuter and employer markets. Actively participate in SCAG’s Transportation Conformity Working Group (TCWG). Monitor timely implementation of Transportation Control Measure (TCM) projects.	Measure A, STIP PPM, LTF, state and federal grants	\$1.5M	July 1, 2021 – June 30, 2022 (Ongoing)
030 – Federal Transportation Improvement Program (FTIP)	Facilitate the implementation of the 2020 RTP/SCS and 2021 FTIP by assisting local agencies with project approvals and obligation of federal and state funds for regionally significant projects. Ensure consistency with federal financial constraint requirements for Riverside County projects.	Measure A, STIP PPM, LTF, state and federal grants	\$100k	July 1, 2021 – June 30, 2022 (Ongoing)
050 – Active Transportation Planning	Actively participate in the monitoring of Active Transportation Program (ATP) Cycles 1 through 5 as well as provide support and guidance to local agencies in the delivery of projects. Work with SCAG ATP Subcommittee to review/revise	Measure A, STIP PPM and LTF	\$75k	July 1, 2021 – June 30, 2022 (Ongoing)

	ATP MPO Guidelines for each cycle. Participate in SCAG’s Safety and Encouragement Campaign and other related ATP regional efforts.			
080 – Performance Assessment & Monitoring	Continue developing inter/intra regional corridors in accordance with state/federal transportation planning requirements. Continue incident detection, SAFE, and IE511 programs. Work with Caltrans to monitor traffic conditions for federal CMP compliance and identify resources for preservation and maintenance of highways.	Measure A, STIP PPM, LTF, SAFE, state and federal grants	\$250k	July 1, 2021 – June 30, 2022 (Ongoing)
095 – Regional Outreach and Public Participation	Maintain outreach efforts to facilitate public input on priority projects and programs. Keep public informed of construction-related impacts, regional programs, and ongoing funding challenges. Promote working relationships with committees such as the Citizens and Specialized Transit Council and news and civic entities. Enhance public information delivery methods.	Measure A, STIP PPM, LTF	\$250k	July 1, 2021 – June 30, 2022 (Ongoing)
130 – Goods Movement	Continue working with partners from the Southern California Consensus Group, SCAG, California Freight Advisory Committee, and the State regarding freight and goods movement issues. Coordinate with partner agencies to apply for funding under the FAST Act and SB 1 TCEP programs to improve competitiveness for goods movement projects.	Measure A, STIP PPM, LTF, state and federal grants	\$75k	July 1, 2021 – June 30, 2022
140 – Transit and Rail Planning	Coordinate with transit operators on developing the Short-Range Transit Plans (SRTP) including updating the SRTP process policies and procedures. Integrate all mid- to long-range transit and rail projects and	Measure A, State PPM, LTF, state and federal grants	\$3.3M	July 1, 2021 – June 30, 2022 (Ongoing)

	<p>programs into the 2020 RTP/SCS. Coordinate and develop Zero Emission Bus roll out plans with transit operators. Coordinate and plan SB 1376 implementation and additional specialized transit programs. Continue feasibility studies for additional rail service within Riverside County and advocate for additional rail funding. Continue to work with railroads for additional capacity and increase service frequency. Continue to seek opportunities for reliable operating assistance funds and funding for multimodal plans and projects. Develop a Rail Strategic Plan.</p>			
275 – Sustainable Communities	<p>Continue work on the Federal Transit Administration (FTA) grant funds for the Transit-Oriented Communities Strategic Plan. The Plan will provide corridor-wide policy recommendations, station-level action items, and an update to RCTC’s Joint Development Guidelines. It will build off existing planning efforts completed by each city to create a more comprehensive and regional approach to support transit-oriented development throughout the corridor and provide a foundation to guide, and actions to accelerate, public and private investment within a five-mile radius of the stations.</p>	State PPM, LTF, federal grant	\$950k	July 1, 2021 – September 30, 2022
310 – Planning Strategy Development and Implementation	<p>Continue advancing southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy that support funding and regulatory reform for transportation infrastructure project delivery.</p>	Measure A, state and federal grants	\$350k	July 1, 2021 – June 30, 2022 (Ongoing)

FY 21-22 WORK PROGRAM
For Transportation Planning Activities

FOR: Riverside Transit Agency

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
A study to develop a tiered plan (30-60-90 percent) to reinstating service in response to demand, funding limitations and operational constraints. The study will also include the restructuring of routes for future zero-emission bus (ZEB) deployment.	Sustainable Service Plan	TBD	\$216,500	October 2022

FY 21-22 WORK PROGRAM
For Transportation Planning Activities

FOR Southern California Regional Rail Authority

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
Perform rail operations simulations	Rail Operations Simulations Results	TIRCP 2018 Grant Award	\$214,000	June 2022
Identify recommendations for improving schedule and physical connectivity at Hollywood Burbank Airport	Burbank Airport Connectivity Analysis Report	SCRRA Operating Funds	\$128,000	February 2022
Develop comprehensive strategy to improve multi-modal connectivity to Metrolink stations	Station Planning and Connectivity Study	TIRCP 2018 Grant Award	\$210,000	June 2022

FY 21/22 OVERALL WORK PROGRAM
For Transportation Planning Activities

FOR San Bernardino County Transportation Authority (SBCTA)

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
SBTAM “Plus” Update	Growth Projections, Project Input,	Caltrans Planning Grant (contingent on selection)	\$501,000	December 2023
Countywide Habitat Preservation/ Conservation Plan	Regional Conservation Investment Strategies (RCIS) Development	Wildlife Conservation Board (WCB)	\$600,000	June 2022
Long Range Multimodal Trans Plan (LRMTP)	Update existing LRTP,	Caltrans Planning Grant (contingent on selection)	\$600,000	June 2023
Countywide Safe Routes to School (SRTS) Program	Program implementation for 57 schools identified in phase II SRTS Plan	ATP, County of San Bernardino, San Bernardino County Superintendent of Schools, TDA Art 3	\$2.2 million total	December 2022
Regional Climate Adaptation Toolkit Phase II (Coordinated Project with WROCOG)	Climate Adaptation Risk Assessment specifically designed for Inland Empire transportation infrastructure	Caltrans Sustainable Transportation Planning Grant (SB 1)	In WROCOG budget	December 2021
Countywide Sidewalk Inventory, Phase 2	Enhanced Sidewalk Inventory, building on Phase 1	Caltrans Sustainability Planning Grant	\$607,000	February 2023
Regional Early Action Program (REAP)	Planning for local housing production that will help jurisdictions to meet their Regional Housing Need Allocation (RHNA).	Funding from CA Housing and Community Development through SCAG	\$1.4 million	June 2023
Congestion Management Program Monitoring Tool	Updated process and data for monitoring system performance	Measure I	\$45,000	June 2022
SB 743 Countywide Implementation Study Phase II	SB 743 VMT analysis tool and evaluation of mitigation options including banks and programmatic approaches	SCAG Sustainability Grant	\$150,000	July/August 2021

FY 21-22 WORK PROGRAM
For Transportation Planning Activities

FOR VENTURA COUNTY TRANSPORTATION COMMISSION

Activity Description	Product(s)	Funding Source	Estimated Cost	Estimated Completion Date
Fare Collection, Automatic Passenger Counting, Automatic Vehicle Locator Data Management	Monthly Fare Usage Report, One-Time Performance Report, Bus Stop Performance Summary	FTA, LTF	\$375,000	June 2023
Regional Transit Planning & Project Prioritization/Evaluation	Financial Constraint Analysis, State of Good Repair Plan, Program Guidelines, SRTP	FTA, LTF	\$950,000	June 2023
VCTC Bus System Planning	Monthly Reports, Annual Report, Transfer Point Analysis	FTA, LTF	\$600,000	June 2023
Countywide Transit Outreach	Outreach Informational Products	FTA, LTF	\$600,000	June 2023
Thousand Oaks Transit Planning & Outreach Education	Monthly Performance Reports, Bus Stop Performance Report	FTA, LTF	\$240,000	June 2023

The Southern California Association of Governments (SCAG) is the nation's largest metropolitan planning organization and council of governments. To better serve the 19 million residents and 191 cities it represents, SCAG has an office in each of its six member counties: Imperial, Los Angeles, Orange, Riverside, San Bernardino and Ventura. For more information about SCAG call (213) 236-1800 or visit us at scag.ca.gov.



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