

FY 2017-18 SB 1 Sustainable Communities Formula Grants

<i>District</i>	<i>Applicant</i>	<i>County</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Grant Award</i>
3	Butte County Association of Governments	Butte	Sustainable Transportation Planning	The project will initiate development of the 2020 Sustainable Communities Strategy (SCS) with the preparation of a work plan and schedule and begin exploring strategies, beyond those included in the 2016 SCS, to further reduce vehicle miles traveled and transportation related greenhouse gas emissions (GHGs) in the region, in response to the State’s GHG reduction targets and direction provided in the 2017 Regional Transportation Plan Guidelines. The project will also begin development of the updated regional transportation model which is necessary in preparing the land use and transportation scenarios examined as part of the SCS. The updated model will include a new mode choice component for the purpose of modeling transit and non-motorized trips. In addition, regional planning datasets will be updated in coordination with the local jurisdictions. The datasets consist of bike facilities, bus routes and stops, existing land uses, non-residential building footprints, and a combined general plan layer, all in geographical information system format. The datasets are used to inform the SCS and develop the land use and transportation components of the plan.	\$186,408
3	Sacramento Area Council of Governments	El Dorado, Placer, Sacramento, Sutter, Yolo, Yuba	Bicycle and Pedestrian Planning	The project supports a forum for bicycle and pedestrian planning activities throughout the region to further the implementation of complete streets using context-sensitive designs and encourage the routine inclusion of bicycle and pedestrian projects with other transportation projects. Staff will be available to local jurisdictions and partner organizations to collaborate on bicycle and pedestrian planning and education efforts. Staff will support active transportation planning efforts by reviewing local Pedestrian Transportation and Bicycle Transportation/Master Plans; serving on Technical Advisory Committees and consultant selection committees for bicycle and pedestrian plans and projects; coordinating regional educational activities and information-sharing opportunities to discuss new developments and best practices in active transportation design and implementation; and participating in statewide efforts to expand or enhance the state of bicycle and pedestrian design.	\$30,000
3	Sacramento Area Council of Governments	El Dorado, Placer, Sacramento, Sutter, Yolo, Yuba	Civic Lab	The project seeks to investigate current innovative trends in transportation and create sustained involvement around the region on the topic of new mobility and work toward regional goals through local action. The project will create case studies/best practices through action plans, spark innovation through public private partnerships, and bring long and short term policy discussions on the topic to the Metropolitan Transportation Plan Sustainable Communities Strategy, funding round, and Blueprint. Civic Lab may focus on issues around efficiency and safety of the transportation system and explore infrastructure how to retrofitting the system for necessary infrastructure for connected an autonomous vehicles, ride sharing, and data collection.	\$150,000

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3	Sacramento Area Council of Governments	El Dorado, Placer, Sacramento, Sutter, Yolo, Yuba	Project-Level Climate Adaptation Strategies for the Sacramento Region	This project will better define how climate change in the region will be expected to impact transportation infrastructure for a range of climate change concerns that are specific to the region. Compared to coastal regions of California, climate issues will be more diverse in this region including flooding, landslide and fire risks, which will be quantified as a part of this study. The primary focus of this work will be to define how climate change may impact the region's transportation system, and to better define how transportation projects in the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) may need to be altered to reflect climate adaption needs. With augmented resources, the region would conduct a one or more pilot test scenarios that evaluate lifecycle cost analysis of adaptation strategies to define costs and potential savings from climate adaptation measures. One or more projects would be selected from the MTP/SCS project list, including one in a disadvantaged community or other vulnerable population area.	\$70,906
3	Sacramento Area Council of Governments	El Dorado, Placer, Sacramento, Sutter, Yolo, Yuba	Regional Environmental Justice Analysis	Environmental Justice (EJ) analysis is required in the development of the and Sustainable Communities Strategy (SCS). Senate Bill (SB) 1000 (Leyva, Statutes of 2016) requires EJ analysis and meaningful engagement for disadvantaged communities as part of city and county General Plan development effective in 2018. The project will include work with community stakeholders and regional experts to develop an enhanced methodology for identifying disadvantaged communities and a framework for analyzing these communities in the Sacramento region. This methodology and analysis will inform the next update of the 2020 Metropolitan Transportation Plan/SCS and will be available as a template for cities and counties in the region as they implement SB 1000.	\$42,908
3	Sacramento Area Council of Governments	El Dorado, Placer, Sacramento, Sutter, Yolo, Yuba	Rural-Urban Connection Strategies	The project is developing and integrating policy recommendations and technical tools to support local and regional objectives/strategies for enhancing agriculture and rural economies, resource conservation, recreation, quality of life, and regional sustainability. As part of its role in analyzing rural and agricultural conditions, the region must establish consistent, comprehensive and complete datasets quantifying and describing these characteristics of the region. A task in this process is periodic updates to assumptions and tools from prior case study findings. This project includes staff time and resources to enhance Rural-Urban Connections Strategy related datasets for integration into the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) and new tool development. In addition to the use of the data and tools for the MTP/SCS update, these data and tools are available for use by local member agencies and related industries for planning purposes.	\$200,000

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3	Sacramento Area Council of Governments	El Dorado, Placer, Sacramento, Sutter, Yolo, Yuba	Sustainable Communities Strategy Development and Coordination	The Sustainable Communities Strategy (SCS) relies, in part, on the 2004 Blueprint and the local implementation of it to achieve its greenhouse gas reduction and quality of life enhancing goals. Therefore, this project is aimed at developing the SCS to achieve greater implementation. To accelerate implementation of local plans that are based on the Blueprint and SCS, it will require coordination, monitoring, and customized strategies for a great diversity of communities in the region. To achieve the objective of accelerated implementation of the Blueprint and SCS strategies, this projects contains three critical components: 1) Development of detailed classification scheme that reflects the unique characteristics of different community types in the region; 2) Use the Community Type Classification Scheme to create and test various land use scenarios for the 2020 SCS; and, 3) Engage in a strategic partnership to address how land use issues affect transportation and air quality.	\$325,145
3	Tahoe Regional Planning Agency	El Dorado, Placer	Sustainable Communities Planning	The corridor planning effort will be a multi-year program to continue corridor planning by refining an additional five corridors utilizing the Corridor Connection Plan as a starting point for baseline data, priority issues, and initial recommendations. The plans will incorporate additional tourism travel data and visitor management considerations, including a sustainable recreation framework to plan for increased tourism and visitor traffic. Each plan will include partner agreements regarding roadway operations, parking management, technology and marketing, land-use and housing, visitor use management, transit services and capital needs, ongoing maintenance and operations, and monitoring. This partnership-based planning process includes collaboration with multiple public agencies, advocacy partners, and public citizen input.	\$165,220
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Plan Bay Area Futures Initiative	The region's integrated planning program will initiate a new "futures" process this fiscal year, ahead of the next Sustainable Communities Strategy (SCS), to prioritize strategies, projects, and programs that would help to achieve regional goals under a variety of circumstances. "Futures" are distinct from typical planning scenarios in their consideration of risk, including natural hazards, economic shocks, technology and automation. Futures planning is expected to enhance meaningful engagement during public and stakeholder consultation and set the stage for a more robust and comprehensive SCS.	\$398,140
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Regional Residential Permit and Housing Policy Database Regional Bicycle and Pedestrian Count Database	The integrated planning program will develop, maintain, and support a Regional Residential Permit and Housing Policy Database and Website that supports agency efforts to address the Bay Area's housing challenges through coordinated efforts to produce more housing, preserve existing housing affordability, and prevent residents against economic displacement. The integrated planning program will develop, maintain, and support a Regional Bike and Pedestrian Count Database and Website that will support the development of guidelines, provide technical assistance and data hosting for bicycle and pedestrian count data.	\$146,000

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4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Goods Movement Investment Strategy	The project will release and disseminate a short-mid term (10 year) "goods movement investment strategy" and engage partners from the Megaregion (Metropolitan Planning Organizations that represent Sacramento, San Joaquin, and the Monterey Bay Area) on this approach via the megaregional goods movement study.	\$44,000
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Non-motorized Transportation	Through the Active Transportation Program, staff will work to increase and improve safety for non-motorized trips around the region and provide local jurisdictions with assistance to consider the needs of bicyclists and pedestrians in planning and development projects. The project will advance a key component of the Active Transportation Program, the Bicycle and Pedestrian Count Program, to move forward with regional count guidelines, technical assistance and data hosting for bicycle and pedestrian count data. Also, additional safety considerations related to active transportation.	\$81,000
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Resilience and Hazards Planning	The Resilience Program will provide support and expertise to incorporating resilience best practices in land use, transportation, planning, and policy into the region's long-range plans, including the next Sustainable Communities Strategy (SCS). This will help ensure that planning decisions are made with adequate consideration of current and future hazards through use of modeling and analysis; that regional policies reflect these considerations; that local tools for implementing regional long-range plans do not place new growth in the highest hazard areas; that incentives are in place to encourage more disaster-resistant growth; and that the future vision for the Bay Area is reflective of a more sustainable, disaster-resistant, adaptable, and equitable region.	\$238,000
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Performance Management and Monitoring	The project will help fast-track development of the performance evaluation framework related to Futures work. These elements will be critical to support the "futures" process this fiscal year, identifying guiding principles that the region aspires to (regardless of future headwinds) and a suite of metrics by which to assess scenarios. This work will also integrate with federal target-setting activities already underway on the state and Metropolitan Planning Organization levels.	\$86,000
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Transit Sustainability Planning	Continue implementation of recommendations from the Transit Sustainability Project (TSP) and monitor transit operator progress towards the regional 5 year performance metric target requirements. The TSP will inform scenario development and investment trade off discussions for the Regional Transportation Plan/Sustainable Communities Strategy.	\$137,000

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4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Priority Development Area Planning and Implementation	The project is to better understand the work components of the newly-formed Housing and Neighborhoods group within the Integrated Regional Planning Program to achieve effective Priority Development Area (PDA) planning and implementation. This will involve coordination with the following subgroups - housing, PDA implementation, climate initiatives and equity-related elements. In addition, it will be used to support staff in advancing new programs including a Preservation Pilot program, the Affordable Housing Jumpstart grant program, and development of the 80k by 2020 housing incentive program. Work will also focus on better connecting PDA planning and implementation work with the region's Climate Initiatives Program, such as assessing the intersection with the Targeted Transportation Alternatives, Trip Cap and Carsharing climate strategies. In addition, staff will also focus on Senate Bill 743 (Chapter 386, Statutes of 2013) implementation, integrating new policy in PDA Planning, Technical and Staffing Assistance, as well as looking for parallels with the Climate Initiatives Program. Staff will also provide data or analytical support to the CASA effort, the Committee to House the Bay Area.	\$370,000
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	CASA Committee to Housing the Bay Area Regional Housing Policy Tool	CASA is a multi-sector, blue-ribbon initiative that brings together diverse interests to identify game-changing solutions to the region's chronic housing affordability challenges. CASA includes 48 leaders from across the Bay Area who will be working to build an actionable political consensus around (1) increasing housing production at all levels of affordability, (2) preserving existing affordable housing, and (3) protecting vulnerable populations from housing instability and displacement. CASA will develop a comprehensive Regional Housing Implementation Plan for the nine Bay Area counties through stakeholder engagement, policy development and research. The plan is expected to include innovative financing strategies, recommendations for state and local legislation, and to address the current regulatory environment, with a final report slated for release in fall 2018. The integrated planning program will work to a Regional Housing Policy tool that enables policy-makers and the public to visualize and analyze the regional pattern and inter-relationship of local housing policies and local housing production performance.	\$590,805
4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Regional Advance Mitigation Program	The Regional Advance Mitigation Planning (RAMP) Program is a science based approach to identify mitigation opportunities that support regional conservation priorities and Plan Bay Area goals. RAMP aims to integrate conservation into infrastructure agencies' plans and project development well in advance and on a regional scale to reduce potential impacts of transportation projects, as well as to drive mitigation dollars to protect regional conservation priorities and protect important ecological functions that are at threat of loss and protect working lands. The region is sponsoring an effort, along with the State Coastal Conservancy (SCC), to scope and implement RAMP in the Bay Area with the target of including RAMP in the update of Plan Bay Area 2040 and this project will advance this initiative.	\$50,000

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4	Metropolitan Transportation Commission	Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Sonoma, Napa, Solano, Marin	Technical Assistance Strategic Planning	This activity will support Plan Bay Area/Plan Bay Area 2040 implementation by providing effective technical assistance to local jurisdictions supporting efforts to encourage the development of resilient housing, jobs, and services near existing and planned transit. With the integration of MIC and ABAG staff, there is an opportunity to take a strategic view, assessing and evaluating the most effective form and delivery of technical assistance to best serve jurisdictions in the region.	\$100,000
5	Santa Barbara County Association of Governments	Santa Barbara	Clean Air Express Short Range Transit Plan	The Clean Air Express is a regional commuter service provided by the region that is funded entirely through local support and fare box revenues. This project will be the first short-range transit plan for the service and seek to identify improvements for growing ridership and reducing vehicle miles of travel.	\$100,000
5	Santa Barbara County Association of Governments	Santa Barbara	Regional Growth Forecast Update	In advance of the next iteration of the required Regional Transportation Plan-Sustainable Communities Strategy, this project will update the region's necessary regional growth forecast.	\$13,279
5	Santa Barbara County Association of Governments	Santa Barbara	Geographic Information Systems Needs Assessment	This project will capitalize on the skills of Geographic Systems Information (GIS) professionals to survey the current and future GIS needs of the region and develop an implementation plan for realizing the improvements. When implemented, the assessment's findings will enable the region to better disseminate spatial information to stakeholders and the public, as well as improve planning capabilities.	\$79,677
5	Santa Barbara County Association of Governments	Santa Barbara	South Coast Rail Station Multimodal Access Plan	In partnership with LOSSAN, an intercity rail corridor agency, the region will implementing peak hour rail services between Ventura County and southern Santa Barbara County. This project will result in a plan that identifies improvements to the multimodal transportation network to enable rail passengers to conveniently complete their first and last mile connections.	\$41,105
5	San Luis Obispo Council of Governments	San Luis Obispo	Sustainable Communities Strategy Grant Funded	The region is committed to the ongoing comprehensive, coordinated, cooperative and continuous planning process resulting in a comprehensive, intermodal transportation system that limits future congestion, enhances mobility, safety, and quality of life while maximizing economic vitality and participation and input by the general public, member jurisdictions, Caltrans and affected parties in transportation decision-making process. The 2019 Sustainable Communities Strategy (SCS) effort is underway. Consultants are under contract; software procured, and modeling tools were developed. This project may improve these tools for outputs and reporting may still be necessary. The 2050 Regional Growth Forecast was adopted. The Public Involvement Plan was adopted. Many of the tasks identified are already underway and will continue through to the adopting of the 2019 SCS.	\$202,753
5	Association of Monterey Bay Area Governments	Monterey, San Benito, Santa Cruz	Sustainable Communities Planning	This work element will conduct local and regional multimodal transportation and land use planning that further the region's Sustainable Communities Strategy (SCS), contribute to the State's greenhouse gas reduction goals targets and other sustainability goals. Staff will work with local jurisdictions, transportation partner agencies, Caltrans and key stakeholders to develop and implement key components and strategies of the SCS. In addition, staff will collaborate with local jurisdictions to provide various plans, strategies and data that will be used in the region's SCS.	\$315,267

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6	Fresno Council of Governments	Fresno	Regional Sustainable Infrastructure Planning Program	The program will complement the goals of the Regional Transportation Plan/Sustainable Communities Strategy and prioritize planning projects that benefit areas that are the most health burdened and economically disadvantaged based on the program criteria. The development of this program has been a collaborative process between stakeholders, local member agencies, on-profit organizations and community-based organizations to allow for a transparent and equitable approach. The overwhelming majority of incorporated cities, as well as the predominant area of unincorporated Fresno County, are disadvantaged communities.	\$141,893
6	Fresno Council of Governments	Fresno	Regional Pavement Management System	The pavement management system will serve as a great communication tool for the staff, elected official and the residents about the needs of the community as they plan, prioritize, design and construct the improvement projects. The project will help the local government set up the program, conduct initial pavement assessment, calculate Pavement Condition Index, provide cost estimates for different maintenance treatment, train the local staff, and provide analysis and system report. The project supports the 2017 Regional Transportation Plan Guidelines' policy to encourage all local agencies to utilize Pavement Management Software (PMS) and to collect roadway condition data bi-annually and update system-wide local streets and roads data needs. In addition, the project will benefit 8 out of the 9 cities that are disadvantaged communities, where the local governments have been historically short of resources, monetarily or staff-wise, to manage their roadway system.	\$285,100
6	Tulare County Association of Governments	Tulare	Electric Vehicle Implementation Plan	The project will support Sustainable Communities Strategy implementation, build upon previous planning efforts, and focus on three areas of implementation: fleet/transit operators, multi-family/low income housing providers, and publicly available infrastructure. Publicly available infrastructure may include charging equipment made available at the workplace, shopping destinations, or publically available parking spaces in a lot or on a street. For each focus area, the report will identify strategies and best practices to the identified barriers and will also identify priority areas and locations for installing electric vehicle infrastructure. The plan will further implementation efforts for various stakeholder groups and improve efficiency and coordination of available resources for electric vehicle infrastructure and operations.	\$70,824
6	Tulare County Association of Governments	Tulare	Regional Transit Coordination Study	The study will analyze current transit operations countywide and make coordination, organization, and general operations recommendations for the provision of transit services in the Tulare County region. In coordination with six transit providers in Tulare County, the goals to be considered in the study include: the provision of transit service operating at maximum cost efficiency; streamlined policies, procedures, and administration; improved rider access and amenities; and a dynamic transit system that can adapt to rapidly evolving innovations and changing transportation needs in the Tulare County region.	\$102,273
6	Tulare County Association of Governments	Tulare	Sustainability Model Enhancements	The planning study will apply innovative techniques that allow travel demand and scenario planning models to better capture interactions between neighborhood-scale land use characteristics and travel patterns. This may include the first steps in the direction of tour-based travel analysis, which is important for such sustainable growth applications as Senate Bill 743 (Chapter 386, Statutes of 2013).	\$84,104

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6	Kern Council of Governments	Kern	Rural Alternative Transit Plan	The project partners and stakeholders will prepare a short-range (five-year) transportation development plan to determine how best to replace fossil-fueled vehicles with zero-emission vehicles, introduce subsidized transit network companies (TNCs -Uber/Lyft) where feasible, and consider introducing private electric vehicle sharing service throughout the Kern region. The project will examine all rural transit fleets in Kern County and recommend which fossil-fueled vehicles may be replaced by zero-emission vehicles which may reduce operating cost while simultaneously reducing GHC and other harmful gas emissions. Additionally, the project will consider implementing subsidized transit network companies (TNCs – Uber/Lyft) to offset the need of expensive demand-response service and further reduce operating costs. Finally, the project will also consider implementing privately owned electric car-sharing programs to low-income neighborhoods and apartments. The latest electronic dispatching and ridesharing technologies will be studied to provide a comprehensive modal connecting strategy.	\$312,594
6	Kern Council of Governments	Kern	Coordinated Human Services Transportation Plan Update	The project partners and stakeholders will update the Coordinated Human Services Transportation Plan to determine if there are any gaps in the social service transportation network, determine how best to coordinate service with other modes of transportation, and investigate new transportation technology to improve future service and reduce operating costs. According to the U.S. Census, Kern County has nearly 50,000 residents age 60 and older and nearly 240,000 residents with disabilities. The proposed plan will also consider introducing new technologies such as zero-emission vehicles (with solar shades, commercial solar batteries, and vehicle recharging equipment to reduce or eliminate energy costs of operations), dispatching technology, cell-phone applications for requesting and payment of service. Subsidized transit network companies (TNCs – Uber/Lyft) to reduce operating costs, privately owned electric vehicle car sharing companies (if appropriate), and other innovations introduced since the last 2013 plan will also be studied.	\$80,000
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Future Communities Partnership Grant Program: Phase 1	In collaboration with the Mobile Source Air Pollution Review Committee (MSRC), program will 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, the project will conduct research and analysis to identify new and innovative pilot concepts for reducing VMT, as well as identify more traditional Transportation Demand Management 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 Fiscal Year 2018-19. In Phase 2, up to \$2 million in MSRC funds will be awarded to implement pilots.	\$331,988

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7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Future Communities Study	To inform the 2020 Sustainable Communities Strategy (SCS), the project will conduct analyses and engage industry experts and stakeholders to better understand emerging trends and opportunities to reduce commute trips through artificial intelligence, virtualization and other technological, social, or organizational changes that make remote work opportunities at home or at co-working sites more attractive. The study will include a literature review, analysis of regional commute information, focus groups or surveys to better understand the degree to which technology, social, demographic, and organizational change, and policy contribute to employee productivity and the successful adoption of telework and related programs. The findings will inform Transportation Demand Management assumptions and strategies in the 2020 SCS.	\$221,325
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Regional Data Platform	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 Sustainable Communities Strategy (SCS) by (1) enhancing the existing data system capability to meet local needs for data-driven decision-making, government transparency, collaborative regional and community planning; (2) expanding 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 region's SCS.	\$442,650
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Senate Bill 1 Program Administration	This project will provide program administration of Senate Bill 1 Sustainable Communities Formula Grant funds. Activities include: conducting the procurement process for work performed by a consultant; preparing and reviewing contract documents; reviewing invoices and preparing requests for reimbursements each quarter; providing progress updates for each awarded grant project each quarter; preparing amendments to the Overall Work Program; and collecting and submitting final work products for completed projects.	\$258,520
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	SCS Scenario Development and Outreach	This project will support the development of the 2020 Sustainable Communities Strategy (SCS) by enabling a more robust and stakeholder driven regional scenario development approach. Coordination with existing community based organizations will allow the region to engage new audiences with more meaningful engagement during SCS development. The use of a digital platform for a scenario development tool will allow outreach to a broad range of audiences and also capture direct feedback that can be incorporated into SCS scenarios.	\$486,915
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Mobility Innovations and Incentives - Revealed Preference Demonstration Study	A revealed preference demonstration experiment will be designed and executed integrating mobility choices and incentives to better understand the effectiveness of different Transportation Demand Management (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.	\$265,590

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7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Mobility Innovations and Incentives - Equity Analysis	The project 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.	\$265,590
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Integrated Passenger and Freight Rail Forecast	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 Sustainable Communities Strategy.	\$132,795
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	House Monitoring for Sustainable Communities Strategy	Guidelines will be developed for reviewing updated local jurisdiction input for use as the basis for Regional Housing Needs Assessment allocations. The guidelines, which will consider updated demographic, economic, and land use data collected, will focus on integrating these data sets with the development of the 2020 Sustainable Communities Strategy.	\$132,795
7	Southern California Association of Governments	Imperial, Los Angeles, Orange, Riverside, San Bernardino, Ventura	Sustainability Planning Grant Program	The Sustainability Planning Grant Program encourages and empowers local jurisdictions, county transportation commissions, transit agencies and councils of governments 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 greenhouse gas emissions.	\$2,632,223
10	San Joaquin Council of Governments	San Joaquin	Sustainable Communities Strategy Implementation Study	The project is a regional needs assessment to understand barriers to successful Sustainable Communities Strategy implementation, particularly in identified communities of concern. The needs assessment will focus on the following: First/Last Mile plan to identify impediments to transit use to reach job centers, educational opportunities, social service & medical appointments, and other daily destinations. Recommendations to include integration of multi-modal service improvements (may include shared mobility initiatives, bike/pedestrian gap closures or technology/information enhancements to increase transit accessibility). The study will include an analysis of emerging technologies (driverless cars, innovations, public-private partnerships) and how they impact RTPs and implementation strategies.	\$110,000
10	San Joaquin Council of Governments	San Joaquin	Mega-region Economic Model	In coordination with its mega-region partners, Sacramento and the San Francisco Bay Area, the project will expand economic modeling and data collection capabilities to better coordinate population, housing, and employment projections across regional boundaries. Products and outcomes will include: Recommendation on data needs, cost and model configuration to best achieve testing of mega-regional and regional polices to improve jobs-housing balance and jobs-housing fit between mega-regional partners; and, Prototype regional and/or mega-regional economic model for policy testing.	\$100,000

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10	San Joaquin Council of Governments	San Joaquin	Climate Change Planning Study	The project will address resiliency and climate adaptation through a planning study to identify current risks and vulnerabilities. The scope of the study will include: Current efforts and plans by local agencies; Identifying planning gaps for resiliency and adaptation efforts; Regional level adaptation plan; and, Associated performance metrics developed for the 2018 Sustainable Communities Strategy.	\$66,671
10	San Joaquin Council of Governments	San Joaquin	Public Health Impact Analysis	The project will continue its incorporation of public health into its Sustainable Communities Strategy (SCS) implementation by developing health related performance metrics through its Envision Tomorrow software platform. The scope of work will include: Health module (ET-NPHAM) in the Envision Tomorrow platform to measure obesity, activity levels, general good health, and disease incidence reduction through land use and transportation planning integration for the region's 2018 SCS for both regional populations and communities of concern. The project includes assistance and training of staff on use of the model and interpretation of results in the context of the 2018 SCS scenario development.	\$65,000
11	San Diego Association of Governments	San Diego	Implement the Regional Compete Streets Policy	The objective of this activity is to continue implementation of the adopted policy. Specifically, this grant-funded work will: (1) Fill out complete streets certification forms for select regional transportation projects; (2) Update the complete streets regional database/mapping tool and make it available to local jurisdictions and Caltrans; (3) Prepare performance monitoring reports using the database/mapping tool; (4) Develop a protocol for cost-sharing opportunities between regional and local agencies; and, (5) Provide additional training opportunities and develop educational materials, including complete streets visual simulations and integration of advanced technologies.	\$481,000
11	San Diego Association of Governments	San Diego	San Diego Regional Electric Vehicle Infrastructure Charging Program	The objective of this project is to: (1) Develop a detailed framework for a new incentive program that will support the purchase and installation of publicly accessible electric vehicle charging infrastructure; (2) Identify program administration options, eligible technologies and incentive amounts; (3) Determine tracking and reporting methods; and, (4) Develop an education and outreach strategy. Throughout the project, outreach will be conducted to seek input and inform the process.	\$600,000