

**FY 2019-20 Caltrans Transportation Planning Grant Program  
Award List**

<b>District</b>	<b>Grant Program</b>	<b>Applicant</b>	<b>Sub-applicant(s)</b>	<b>County</b>	<b>Project Title</b>	<b>Project Description</b>	<b>Grant Amount</b>	<b>Fund Source</b>
1	Adaptation Planning	Mendocino Council of Governments	N/A	Mendocino	<b>Fire Vulnerability Assessment and Emergency Evacuation Preparedness Plan</b>	In collaboration with local and tribal governments, emergency responders, transportation agencies and other key stakeholders, a Fire Vulnerability Assessment and Emergency Evacuation Preparedness Plan will be conducted in order to better prepare for wildfire emergencies that are likely to continue as a result of climate change. The effort will identify areas and populations in the region that are most vulnerable to fire, assess evacuation needs and plan for evacuation routes, establish roles and responsibilities of responsible agencies, develop communication strategies, and engage and educate the public.	\$247,884	PTA
2	Adaptation Planning	Karuk Tribe	N/A	Humboldt Siskiyou	<b>Karuk Transportation Adaptation Strategy</b>	The Karuk Tribe and partners at the University of Oregon have collaborated in publishing a Climate Vulnerability Assessment and a Climate Adaptation Plan that will develop detailed adaptation strategies for Karuk communities and cultural resources. Major deliverables align with three primary objectives: (1) Develop standalone report on adaptation strategies for transportation routes in Karuk Aboriginal Territory; (2) Integrate transportation-focused report into Climate Adaptation Plan; (3) Disseminate findings to local community members through at least two educational presentations and updated Karuk Climate Change Projects website.	\$209,613	PTA
2	Adaptation Planning	Shasta Regional Transportation Agency (SRTA)	N/A	Shasta	<b>ShastaReady Extreme Climate Event Mobility and Adaptation Plan</b>	This plan will identify regional vulnerabilities and provide actionable strategies for incorporation into regional and local transportation plans, capital improvement programs, and emergency response plans. The proposed plan will be informed in part by recent planning efforts by Caltrans District 2 (Climate Change Vulnerability Assessment and Climate Action Report) and the City of Redding (Community Planning Assistance for Wildfire), as well as incorporate lessons learned from recent extreme climate events. Outputs will be incorporated into SRTA's 2022 Regional Transportation Plan and will inform other plans.	\$289,850	PTA
3	Adaptation Planning	Sacramento Metropolitan Air Quality Management District	N/A	Sacramento	<b>Building Climate Adaptation into Statewide Greenhouse Gas Toolkit for Local Agencies</b>	Incorporate climate adaptation into CalEEMod and the CAPCOA Quantifying Greenhouse Gas (GHG) Mitigation Measures handbook. The project will help local agencies evaluate climate adaptation benefits and measures simultaneously as GHG mitigation and air quality, ensuring that adaptation becomes an integral part of the planning process. Deliverables will include an updated Handbook that includes climate adaptation co-benefits and measures and a web-based CalEEMod tool that will interface with Cal-Adapt and CalEnviroScreen to model localized climate impacts and recommended adaptation measures for every project and plan.	\$733,467	PTA
3	Adaptation Planning	Yuba-Sutter Transit Authority	N/A	Sutter Yuba	<b>Resilient Next Generation Transit Facility Plan</b>	Analyze adaptation strategies to plan, design, and identify a site for a resilient and sustainable transit facility that integrates technology advancements. The new facility will allow our fleet to convert to a zero-emission fuel source, increasing the resiliency of the transit system, and enhancing emergency response capabilities. The new facility will support clean, safe, and reliable transit service for disadvantaged and vulnerable populations, while helping the state meet GHG reduction and Innovative Clean Transit goals. The final product will be applicable to transit agencies seeking to remodel or construct a new facility that is resilient, efficient and meets future needs.	\$177,060	PTA
4	Adaptation Planning	Metropolitan Transportation Commission (MTC)	Sonoma County Transportation Authority (SCTA)	Marin Sonoma	<b>State Route 37 (SR 37) Resilient Corridor Program for Marin and Sonoma Counties</b>	SR 37 is a 21-mile corridor that extends from US 101 in Novato to Interstate 80 in Vallejo. Critical issues facing the corridor are: traffic congestion, vulnerability to flooding and sea level rise, and environmental sensitivity. MTC, Caltrans District 4, the SCTA, the Transportation Authority of Marin, and the Bay Conservation and Development Commission will work together on the SR 37 Resilient Corridor Program to identify corridor improvements, focusing on the segment between US 101 and CA 121 (Segment A).	\$500,000	PTA
4	Adaptation Planning	Town of Windsor	N/A	Sonoma	<b>Windsor READI (Resiliency for Emergencies and Disasters Initiative)</b>	Develop the Windsor READI which is a plan to address climate change adaptation. The plan will include: 1) a transportation and community vulnerability assessment; 2) climate-related transportation hazards and evacuation plan and route maps; 3) a climate resilient transportation infrastructure assessment; 4) adaptation and resiliency goals; 5) policies and objectives based on information specified in the vulnerability assessment; and 6) a sample set of feasible implementation measures.	\$265,590	PTA
5	Adaptation Planning	City of Carpinteria	N/A	Santa Barbara	<b>Dune and Shoreline Management Plan</b>	Develop a Dune and Shoreline Management Plan to address SLR and flooding in the Beach Neighborhood, Downtown Carpinteria, and Carpinteria State Beach. Major Project deliverables include: 1) conceptual design of a "living shoreline" persistent dune system augmented with sediment and cobble nourishment; 2) public workshops and stakeholder coordination; 3) refined modeling and 4) cost-benefit analysis. This project would develop an adaptation mechanism to protect critical transportation infrastructure (including rail, important local roadways, and the proposed California Coastal Trail) and provide benefits to disadvantaged communities.	\$237,253	PTA
5	Adaptation Planning	City of San Luis Obispo	Local Government Commission	San Luis Obispo	<b>Resilient San Luis Obispo</b>	Build local and regional adaptation capacity, identify actionable strategies to build transportation and community resilience, and adopt an innovative and effective Safety Element of the General Plan. The project deliverables includes: 1.) Comprehensive vulnerability assessment of transportation assets, critical infrastructure, and social and economic conditions; 2.) Community outreach seeking input, and provide climate change education; 3.) A capacity assessment; 4.) An updated Safety Element of the General Plan with adaptation strategies across key sectors focusing on transportation; and 5.) An Implementation Guide with work plans and model policies to catalyze action.	\$435,250	PTA
6	Adaptation Planning	Big Sandy Rancheria	Fresno Council of Governments	Fresno	<b>Big Sandy Rancheria Extreme Weather and Natural Disaster Evacuation Plan</b>	This project will address the current lack of access to an emergency roadway network and prepare for emergency evacuations for those living, working and visiting BSR. The plan would assess the impacts of extreme weather events on roadways and related infrastructures caused by climate change such as wildfires, flooding and tree mortality. It will identify potential emergency evacuation roads and priority adaptation projects for implementation. The plan will identify co-benefits with regard to public health and safety of the disadvantaged and/or transit dependent population.	\$228,500	PTA

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7	Adaptation Planning	City of Avalon	N/A	Los Angeles	<b>Sea Level Rise and Climate Change Adaptation Plan</b>	This project will address vulnerable transportation infrastructure built along the City's shoreline. This Adaptation Plan will build upon a sea level rise vulnerability and risk assessment that is scheduled to be completed in August 2019 as a part of the City's Local Coastal Program (LCP) update. As an island community, the City depends on coastal transportation infrastructure for the movement of both people and goods. This project will support technical studies and community engagement that will help the City implement projects that will make critical coastal infrastructure more resilient against the effects of climate change.	\$306,756	PTA
7	Adaptation Planning	City of Hermosa Beach	N/A	Los Angeles	<b>Climate Change Adaptation and Resiliency Measures to Address Coastal Flooding</b>	This project will develop a Constraints Analysis and Conceptual Design (Project) for a suite of green infrastructure and sea level rise resiliency improvements to be incorporated into planning for mobility enhancements along Hermosa Avenue and The Strand, to reduce the vulnerability of the City's ocean frontage to effects from coastal flooding compounded by sea level rise. The Project will include: 1) Mapping of physical and environmental constraints; 2) community engagement; 3) conceptual design of the proposed improvements; and 4) cost-benefit analysis of potential alternatives.	\$247,050	PTA
7	Adaptation Planning	Southern California Regional Rail Authority (SCRRA)	N/A	Los Angeles Orange Riverside San Bernardino Ventura	<b>Metrolink Systemwide Climate Vulnerability Assessment</b>	This project will assess current and future risks to all Metrolink infrastructure and facilities, and identify best-practice responses to incorporate in SCRRA design standards. This project will focus on riverine flooding, sea-level rise, heat, wildfire, drought/train/landslide cycles, and seismic issues. In addition, the project will assess risks to transit-dependent and disadvantaged communities. SCRRA will begin a 10-year major investment in a state of projects defined as part of a comprehensive, regional multi-agency program to restructure and revolutionize regional rail in the Southern California service area, known as the Southern California Optimized Rail Expansion Program.	\$520,000	PTA
8	Adaptation Planning	Western Riverside Council of Governments	San Bernardino County Transportation Authority	Riverside San Bernardino	<b>Analyses for Smart Climate-Resilient Transportation Planning and Investments</b>	Builds upon current Caltrans grant supported Pilot project. The project will utilize a process like FHWA's ADAP to quantify socioeconomic costs/consequences of climate impacts to transportation assets under "no action" and prioritize adaptation strategies that consider co-benefits. Deliverables include: Resource guide outlining risk-based methodology; White paper for incorporating findings into existing transportation practices; Tools guiding local stakeholders through asset-level climate risk analysis. Ultimately, this project supports local stakeholders in developing comprehensive analysis to inform long-term design and maintenance.	\$409,894	PTA
10	Adaptation Planning	San Joaquin Council of Governments	N/A	San Joaquin	<b>Regional Resiliency Implementation Plan and Adaptation Guidance</b>	Builds upon an ongoing initial transportation adaptation and resiliency study. This comprehensive regional implementation plan would preserve San Joaquin County's vital transportation assets from changing climate trends. The plan will strengthen cross-sectional partnerships, including transportation partners (cities, Port of Stockton, Stockton Metropolitan airport, transit providers) and community stakeholder groups. Additionally, the plan will focus on the region's disadvantaged and vulnerable populations' specific needs. Plan deliverables include risk assessment tools and an implementation guide to inform future policy.	\$200,000	PTA
11	Adaptation Planning	City of Coronado	N/A	San Diego	<b>Coronado Sea Level Rise Vulnerability Assessment and Adaptation Plan</b>	The City of Coronado is vulnerable to flooding, erosion, sediment migration and inundation by sea level rise (SLR) that could impact inter-agency, critical infrastructure. The proposed Coronado Sea Level Rise Vulnerability Assessment and Adaptation Plan is a two-phased project with coinciding deliverables that will improve Coronado's capacity and ability to work across government agencies - U.S. Navy, Port of San Diego and city of Coronado - to plan for, prepare for, mitigate against, and adapt to SLR. These deliverables will include a robust public outreach process and include input from a wide spectrum of stakeholders.	\$221,000	PTA
11	Adaptation Planning	Pala Band of Mission Indians	Jamul Indian Village of California	San Diego	<b>Tribal Transportation Climate Change Adaptation Project</b>	The Tribal Transportation Climate Adaptation Project will conduct vulnerability assessments and develop adaptation plans focused on transportation resources and assets for the Pala Band of Mission Indians and Jamul Indian Village. This project will benefit other tribes throughout San Diego County and California by using these adaptation planning efforts to develop case studies, guidance, tools, templates, presentations, and trainings to facilitate replication. It will also involve forming a San Diego Tribal Transportation Climate Workgroup to advance these issues while collaborating with local partners.	\$330,833	PTA
11	Adaptation Planning	San Diego Council of Governments	University of San Diego and the San Diego Regional Climate Collaborative	San Diego	<b>Holistic Implementation of Adaptation and Transportation Resilience Strategies</b>	This project will support jurisdictions in San Diego County that are transitioning from planning to implementation of their climate planning work. Deliverables include: (1) a methodology to prioritize regional adaptation strategies; (2) a regional economic guidance document; (3) a guidance document for integrating equity into adaptation and transportation resilience planning; and, (4) an adaptation implementation toolkit that incorporates previously-funded Senate Bill 1 grants to help jurisdictions build capacity to implement strategies.	\$440,000	PTA