

FY 2018-2019 SB 1 Adaptation Planning Grants Award List

<i>District</i>	<i>Applicant</i>	<i>Sub-applicant</i>	<i>County</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Grant Awarded</i>
1	County of Humboldt	City of Eureka; Humboldt County Association of Governments	Humboldt	Sea Level Rise Adaptation Plan for Humboldt Bay Transportation Infrastructure - Phase 1	This project will develop an adaptation plan for vulnerable transportation infrastructure built along the shoreline in Humboldt Bay that is highly susceptible to sea level rise and extreme weather events. The project area encompasses a majority of the Eureka-Arcata transportation corridor segment of Highway 101, as well as portions of the Humboldt Bay Trail. This project will directly benefit disadvantaged communities and the economy by planning to protect vital transit and road corridors. The plan will provide a model for interagency and public-private collaboration that can be used for future work to address sea level rise impacts along other vulnerable areas of Humboldt Bay.	\$425,000
1	Humboldt Transit Authority	Humboldt State University	Humboldt	Climate Resilient Electrified Transit Plan for Humboldt County	The Humboldt Transit Authority (HTA) will develop a Climate Risk and Adaptation Report and Electric Charging Infrastructure Report, both of which will be compiled into a Climate Resilient Electrified Transit Plan. HTA will identify climate risks to routes, transit hubs, maintenance yards, vehicle charging stations, and electrical equipment. This Plan will enable HTA to understand electric charging infrastructure requirements and costs while integrating climate adaptation, resiliency, and emergency planning efforts. This planning will identify benefits to the environment and disadvantaged communities by planning for an electrified bus fleet, which will reduce emissions and air pollutants.	\$153,650
3	Town of Truckee	None	Nevada	Truckee Climate Adaptation, Community Resilience, and Sustainable Transportation	The project will support local and regional adaptation planning efforts on the transportation system as well as inform climate change components of Truckee's general plan update. A vulnerability assessment will identify direct risks to the community and guide the creation of adaptation goals, policies, and actions for an updated safety element. An innovative public engagement process will collaborate with stakeholders, special districts, and disadvantaged / transit-dependent community members not typically involved in public policy.	\$155,193
3	City of Elk Grove	None	Sacramento	City of Elk Grove - Community Resilience Plan	This project will prepare a Mobility Resilience Plan to develop responses to climate change impacts on the local transportation system, including public roadways, transit, bike trails, and related infrastructure. The City will focus on two climate stressors (flooding, extreme heat) and one economic stressor (decreased auto sales tax and gasoline tax revenue) as they relate to public transportation. The planning process will allow the City and community to create strategies to prepare for, and adapt to, climate change impacts upon the multi-modal transportation network and transit system.	\$300,000
4	City and County of San Francisco	San Francisco Municipal Transportation Agency	San Francisco	Southeast Mobility Adaptation Strategy	This project will develop a Southeast Mobility Adaptation Strategy (SMAS) in order to develop actionable solutions against sea level rise (SLR). The southeast portion of San Francisco is planned to gain 75,000 housing units, 150,000 residents, and 150,000 jobs in the upcoming years. This SMAS will protect critical transportation infrastructure and benefit disadvantaged communities by planning for vital transit services to remain resilient to climate impacts. The SMAS team will collaborate with public officials, neighborhood groups, and the business community to ensure trust and a support for action.	\$391,212

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4	SamTrans	None	San Mateo	SamTrans Adaptation and Resilience Plan	The SamTrans Adaptation and Resilience Plan will identify strategies to adapt the SamTrans system to reduce impacts from two of SamTrans' greatest climate change-related vulnerabilities—flooding and high heat. The Plan will build upon the San Mateo County Sea Level Rise Vulnerability Assessment, which identified the SamTrans North and South Base facilities as vulnerable assets, and complements the County's current efforts to assess countywide heat vulnerability. The Plan will focus on evaluating adaptation strategies to improve resilience of the North and South Base facilities to flooding, and address the impact of high heat on facilities, equipment and passengers..	\$193,102
4	City/County Association of Governments of San Mateo County	None	San Mateo	Calm Before the Storm: San Mateo Countywide Sustainable Streets Master Plan	This project will develop the "San Mateo Countywide Sustainable Streets Master Plan" to prioritize locations for integrating green storm water infrastructure into roadways to better adapt the transportation network to precipitation-based climate change impacts. This project will build upon existing regional and countywide green infrastructure planning efforts and Caltrans planning grants. Project deliverables include a master plan, GIS data layers, model policies, project concepts, public outreach, and web-based implementation tracking tools.	\$986,300
4	City of Hayward	None	Alameda	Hayward Shoreline Master Plan	The Hayward Shoreline ("Shoreline") is vulnerable to inundation by sea level rise (SLR) that could impact critical infrastructure such as wastewater infrastructure, the eastern approach to the San Mateo-Hayward Bridge (State Route 92 [SR 92]), landfills, the Bay Trail, the Hayward Shoreline Interpretive Center (HSIC), business parks, residential neighborhoods, marshes, and managed ponds. This project will improve Hayward's capacity to plan for, prepare for, mitigate against, and adapt to SLR. The Hayward Regional Shoreline Master Plan ("Plan") will incorporate input from community members and decision-makers.	\$509,000
4	Town of Corte Madera	None	Marin	Corte Madera Climate Adaptation Plan	Corte Madera is developing a Climate Adaptation Plan to prepare 9,500 residents, two major economic retail shopping centers and at least five significant transportation corridors for pending sea-level rise, King-Tide impacts and extreme weather events such as deluge and fire storms. Key components include evaluating the feasibility of realigning, protecting transportation infrastructure impacted by sea level rise, and enhancing wetland restoration along travel corridors at the eastern edge of Town and northern shore of the San Francisco Bay, especially adjacent to low-lying US101 between Tamalpais Drive and Sir Francis Drive Boulevard.	\$200,000
4	Marin County	None	Marin	Highway 1 Corridor in Tam Valley Transportation Resiliency Planning	The focus of the project will be to develop conceptual sea-level rise adaptation strategies in Marin County from the intersection of State Highways 101 and 1 north to Mill Valley. This project will provide benefits to multiple transportation modes by identifying transportation vulnerabilities, incorporate wetland enhancements, emergency vehicle access, and will benefit and support disadvantaged community residents. The project would fund technical studies followed by community engagement to develop sea level rise adaptation strategies.	\$400,000

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4	East Bay Regional Park District	None	Alameda, Contra Costa	San Francisco Bay Trail Risk Assessment and Adaptation Prioritization Plan	This project will conduct a risk assessment for the San Francisco Bay Trail and establish an adaptation prioritization plan in order to identify segments of the trail that are the most susceptible to sea level rise. This plan seeks to protect the trail as an important piece of natural infrastructure that protects inland communities and transportation assets, as well as a vital open space utilized by commuter and recreational cyclists and pedestrians alike. The goal of the risk assessments and prioritization plans are to identify measurable and implementable actions and strategies against climate related events.	\$370,000
5	City of Monterey	None	Monterey	City of Monterey Transportation Adaptation Plan	The project will build upon the City of Monterey's Sea Level Rise and Vulnerability Analyses, Existing Conditions and Issues Report completed in 2016. The project will expand on this report by identifying specific vulnerabilities and providing transportation improvements and sea level rise adaptation strategies. This will benefit regional disadvantaged communities, local businesses, homes, and schools who rely on the affected transportation network. This network includes vehicle, transit, bicycle, and pedestrian modes of transportation, which provide a socially equitable alternative that connects employment to affordable housing. Deliverables will include conceptual designs and site-specific recommendations, which will guide capital improvement plans and programs.	\$212,472
5	City of Pacific Grove	None	Monterey	City of Pacific Grove Sea Level Rise Transportation & Infrastructure Adaptation Plan	The project will develop a Sea Level Rise Vulnerability Assessment, which will analyze climate impacts across multiple hazards, horizon years, and sectors such as the economy, multi-modal transportation infrastructure, critical facilities, and public health. The outcomes of these assessments will inform the goals and policies sections of the General Plan and Local Coastal Plan. Specific strategies from the assessment will help shield and offer resiliency to transportation systems, disadvantaged communities, and local businesses and homes from climate impacts.	\$220,956
5	County of Santa Barbara	None	Santa Barbara	County of Santa Barbara Goleta Beach Park Revised Adaptive Management Plan (AMP)	The County of Santa Barbara (County) will revise the Goleta Beach County Park (Park) Adaptive Management Plan (AMP) to integrate sea level rise (SLR) adaptation planning. The Project will identify SLR impacts to Park facilities and transportation infrastructure; phased managed shoreline retreat strategies; and identification of short-, mid-, and long-term adaptation planning solutions. This project will ultimately allow for protection of State Route (SR) 217, access to University of California, Santa Barbara (UCSB), Sandspit Road, California Coastal Trail/regional bike path (CCT), Santa Barbara Airport, and essential local- and regional-serving utilities.	\$221,236
5	City of Santa Cruz	None	Santa Cruz	West Cliff Drive Adaptation and Management Plan	This project will develop a West Cliff Drive Adaptation and Management Plan to preserve and protect the 2.5-mile West Cliff Drive multi-modal path that hugs the California coastline. This Management Plan comes on the heels of the newly updated Climate Adaptation Plan, completed in September 2017, and will identify vulnerabilities in the multimodal transportation infrastructure as a result of climate change. The Plan will also identify adaptation strategies to manage those impacts. The Plan will solicit input from a Technical Advisory Committee, as well as community and formal public meetings.	\$342,741

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5	Transportation Agency for Monterey County	None	Monterey	Monterey County Regional Conservation Investment Strategy	This project will develop the Regional Conservation Investment Strategy (RCIS) to assess the vulnerability of species and habitats to future climate change, and how future transportation projects can protect the natural environment. The RCIS will develop conservation strategies to improve resiliency from the identified climate stressors of wildfire, landslides, and drought, as well as define a financing framework. The plan will be developed in collaboration with the Nature Conservancy, Big Sur Land Trust, community-based organizations and public workshops.	\$375,810
6	Fresno Council of Governments	None	Fresno	Fresno County Regional Transportation Network Vulnerability Assessment	The Fresno Council of Governments (Fresno COG) will conduct a vulnerability assessment for the Fresno County region transportation network, which will provide valuable data for local jurisdictions to use and integrate within their General Plans, as well as inform the next update of the Regional Transportation Plan. The Plan will identify areas of the region where the multi-modal transportation network is vulnerable to potential impacts of climate change, such as wildfire, temperature, and precipitation, and identify strategies to remedy those impacts that have co-benefits to public health, natural ecosystems, social equity, the economy, and greenhouse gas emissions.	\$216,456
7	Ventura County Transportation Commission	None	Ventura	Transportation Emergency Preparedness Plan	This project will develop Transportation Emergency Preparedness Plan that will enable the Ventura County Transportation Commission and Santa Barbara County Association of Governments, in coordination with transit operators, to better prepare the region for future natural disasters, which are likely to increase due to impacts from climate change. The plan will define roles and responsibilities, work with existing plans, outline communication strategies and create an implementation plan that will specify training, evacuations and handling of service provision.	\$221,325
8	City of Rialto	None	San Bernardino	City of Rialto Climate Adaptation Plan with Transportation Integration	Under this grant, the City of Rialto would develop a Climate Adaptation Plan to create strategies for climate change adaptation and resilience in a region with environmental factors that make it uniquely susceptible to fires and flooding. The proposed project would assess the city's vulnerable assets, develop climate resiliency goals and policies, and development strategies for implementation that will help to protect the city and its residents from the effects of climate change. Additionally, this project would establish a data retention center to assist with monitoring the effectiveness of infrastructure and policy solutions on issues caused by climate change.	\$350,000
10	Amador County Transportation Commission	Calaveras Council of Governments	Amador	Amador & Calaveras County Extreme Weather and Natural Disaster Needs Assessment	This project would develop a study to assess the impacts of extreme weather events on roadways and other related infrastructure. Examples of extreme weather events caused by climate change, which could be detrimental to the state's infrastructure, include wildfires, droughts, flooding, mudslides and tree mortality. The plan would build upon existing plans in the region, by including best practices for preventing major damage to roadways, as well as providing a damage assessment, determining costs to the region, and identifying funding sources to fund needed improvements. Additionally, the plan would develop Emergency Preparedness procedures, such as a roadway evacuation network, in partnership with the region's Office of Emergency Services, Public Health Department, and other neighboring regions.	\$150,466

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11	San Diego Association of Governments	San Diego Regional Climate Collaborative	San Diego	Regional Collaboration to Advance Transportation System Resiliency	The San Diego region contains 18 cities with varying degrees of potential climate change impacts, 10 of which are in the coastal zone and may be susceptible to sea-level rise. As part of this project, SANDAG will develop a regional adaptation needs-assessment, prepare a risk assessment related to SANDAG's transportation assets, and coordinate adaptation efforts among local entities across the San Diego region. This project will strengthen ongoing partnerships across sectors and help local jurisdictions plan for the future effects of climate change, including wildlife risk, flooding, and extreme heat.	\$250,000
12	Orange County Transportation Authority	None	Orange	Orange County Rail Infrastructure Defense Against Climate Change Plan	This project will develop a Climate Adaptation Plan that will build upon the City of Rialto's Local Hazard Mitigation Plan (2012) and the SBCTA Regional Climate Adaptation Toolkit. The Plan, to safeguard the rail infrastructure used by both civilian populations and military installations, will create strategies for climate change adaptation and resilience, particularly to sea level rise, king tides, mudslides, erosion, precipitation runoff. Heat-related amenities will also be planned for to safeguard passengers against rising, extreme temperatures. The Plan will conduct an asset vulnerability assessment, develop climate adaptation/resiliency goals, policies, and objectives, and develop feasible implementation measures plus strategies for the establishment of a transportation data retention center to assist in monitoring.	\$461,771