



2023

LOCAL TRANSPORTATION
CLIMATE ADAPTATION PROGRAM

CYCLE 1 STAFF RECOMMENDATIONS
DECEMBER 6, 2023



PROJECT REQUIREMENTS

Increase Resiliency

- Existing Transportation Infrastructure Assets
- Communities
- Climate-Vulnerable Populations

Demonstrate Consistency

- Climate & Environmental Justice goals
- Adaptation Efforts
- Housing, Land Use & Transportation

Prioritize Equity

- Anti-displacement
- Direct Connection to Climate-Vulnerable Populations
- Community Engagement



FUNDING DETAILS

	(\$1,000s)		
	Total	SB 198	PROTECT
Recommendations	\$ 309,271	\$ 147,506	\$ 161,765
Program Capacity	\$ 296,500	\$ 148,000	\$ 148,500
Program Balance	(\$ 12,771)	\$ 494	(\$ 13,265)
Number of Projects	15		



FUNDING PER ACTIVITY

At-Risk Coastal Infrastructure

20.9%

Community Resilience /
Emergency Evacuation

32%

Resilience Improvements

51.4%





RECOMMENDATIONS BY REGION

	North	South
Resilience Improvements	23.6%	27.7%
Community Resilience / Emergency Evacuation	32.0%	-
At-Risk Coastal Infrastructure	16.9%	4%
Cycle 1 Share	75.52%	31.78%



ADDRESSING CLIMATE CHANGE, EMERGENCIES, AND SANDSTORMS (ACCESS)

COACHELLA VALLEY ASSOCIATION OF GOVERNMENTS

RECOMMENDATION:
\$50 MILLION

VULNERABILITY:
FLOODING | BLOWSAND

The project replaces two at-grade river crossings on Indian Canyon Drive with sand-fenced, all-weather bridges and constructs two miles of an elevated, Class IV shared-use path.

The project:

- protects goods movement and endangered species.
- connects to active transportation facilities and economic opportunities.
- preserves access to critical facilities, such as Coachella Valley's sole Level 1 Trauma Center.



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U.S. 50 TRIP TO GREEN

EL DORADO COUNTY TRANSPORTATION COMMISSION

RECOMMENDATION:
\$3 MILLION

VULNERABILITY:
WILDFIRE

The project installs Intelligent Transportation Systems technology, automated barriers, barricades, and channelization measures in the City of Placerville.

The project:

- allows free movement along U.S. Highway 50.
- enables an additional 1,000 vehicles to evacuate per hour.
- preserves emergency vehicle access.
- decreases emergency response times.
- decreases greenhouse gas emissions from idling vehicles.



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COASTAL RAIL INFRASTRUCTURE RESILIENCY

ORANGE COUNTY TRANSPORTATION AUTHORITY

RECOMMENDATION:
\$12 MILLION

VULNERABILITY:
EROSION | STORM SURGE

The project contributes to the development of adaptation solutions to increase the safety along seven miles of the Los Angeles - San Diego - San Luis Obispo (LOSSAN) Rail Corridor intercity rail service.

The project:

- supports the protection of the railroad from coastal bluff erosion, sea level rise, and storm surge.
- protects regional and intercity passenger rail service.
- safeguards connectivity to critical infrastructure and destinations, including Camp Pendleton and the Ports of Los Angeles and Long Beach.



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