

**GL: PROTECT Planning Studies
(VAR230201)**

Last updated with TIP Revision 2023-20

Back-Up Listing for the PROTECT Planning Studies Grouped Listings (VAR230201)

State Fiscal Year	District	Agency	MPO	County	Project Title	Project Study Area	Scope of Work	Grouped Projects Listing	Federal Share (PROTECT Planning Set-Aside)	State Match (Min. 20%)	Current Total Project Cost Estimate
22/23	4	Caltrans	MTC	Marin	Highway 1 Sea Level Rise Adaptation Planning Study	Along the eastern shoreline of Bolinas Lagoon, between Stinson Beach and Woodville (MRN 1: 17.6/12.21).	The adaptation planning study will contribute to advancing a climate resilient approach for Highway 1 along the eastern shoreline of Bolinas Lagoon in Marin County. The study will include a robust technical analysis of existing and anticipated climate change impacts in the location, analyze various climate change adaptation options for the transportation system, with a focus on sea level rise, shoreline modeling, sediment conveyance, and wind wave runoff/high tides (and other technical areas as required by the California Coastal Commission). (Project is consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Planning activities)	Grouped Projects for Planning activities	\$462,272	\$115,568	\$577,840
23/24	4	Caltrans	MTC	Marin	Highway 1 Sea Level Rise Adaptation Planning Study	Along the eastern shoreline of Bolinas Lagoon, between Stinson Beach and Woodville (MRN 1: 17.6/12.21)	See above.	Grouped Projects for Planning activities	\$80,000	\$20,000	\$100,000
23/24	4	Caltrans	MTC	Marin	Marin 101 Adaptation Planning Study	Along US 101 North in Marin County from Marin City to San Rafael (PM 3.3./11.0)	The adaptation planning study will contribute to advancing a climate resilient planning approach for the US 101 corridor in Marin County. This corridor-level adaptation study will apply a combination of sea level rise analysis/alternatives assessment work with public engagement/outreach, implementing these two activities strategically - either independently or in tandem - at specific locations through the larger corridor-level study area. These tasks will be performed within the study area, from the US 101 bridge crossing over San Rafael Creek down to the Donahue St. on/off ramps in Marin City. Study activities will be coordinated concurrently with a TAM-led transportation infrastructure resiliency study underway. (Project is consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Planning activities)	Grouped Projects for Planning activities	\$760,000	\$190,000	\$950,000