



**Subject:** SACOG’s Climate Adaptation Planning Activities & Future Funding Opportunities

<input checked="" type="checkbox"/> Action	<input type="checkbox"/> Consent	<input type="checkbox"/> Information	<input type="checkbox"/> R&F	<input type="checkbox"/> Report	<input type="checkbox"/> Workshop
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<b>Attachments:</b> <input type="checkbox"/> Y <input checked="" type="checkbox"/> N					

1. **Issue:** Should SACOG submit a grant proposal to the Federal Highway Administration (FHWA) for the Resilience Pilots program?
2. **Recommendation:** That the Land Use & Natural Resources Committee recommend that the SACOG Board authorize staff to submit a full application for the FHWA Resilience and Durability to Extreme Weather Research Deployment Pilot Program.
3. **Background:** In 2015, SACOG and CivicSpark authored the Sacramento Region Transportation Climate Adaptation Plan. This plan broadly outlines key strategies and actions that the region can take to ensure its transportation assets are resilient to extreme weather events. This plan identifies high-level risks to the Sacramento region (e.g., precipitation, flooding, wildfires, landslides, extreme heat) and provides a general assessment of how transportation assets in the region (e.g., roadways, active transportation, public transit, rail, bridges) may be vulnerable to these risks. The plan also defines a variety of policy and planning actions to improve resiliency of transportation assets.
4. **Discussion/Analysis:**

Current Activities: SACOG was awarded a Caltrans Adaptation Planning Grant in Fall 2017 to expand upon the 2015 Climate Adaptation Plan and advance transportation-related climate adaptation planning in the region. Work on this grant started in January 2018, and will include an in-depth vulnerability assessment of the transportation network and assets, analysis of the costs and benefits of asset-level adaptation strategies, and resiliency pilot tests on at least two projects in the MTP/SCS project list. Findings from these activities will be used to draft guidance documents and inform policies in the MTP/SCS and future funding rounds.

Potential Future Activities: FHWA is soliciting applications to its Resilience and Durability to Extreme Weather Pilot Program, which seeks to “assist agencies [state departments of transportation, metropolitan planning organizations, federal land management agencies, and tribes] in adapting practices, plans, and assets to make measureable improvements

to the resilience and durability of their transportation systems.” This grant program is a natural fit with SACOG’s current adaptation planning activities and could provide resources for additional resiliency pilot tests. Additional pilot tests would allow analysis of a broader range of climate risks and types of transportation projects.

Staff is seeking approval to submit a letter of interest to FHWA, which is due on February 9, 2018.

5. **Fiscal Impact/Grant Information:** Staff intends to request the maximum amount of \$250,000 and use Caltrans Adaptation Planning Grant funds (from SB 1) as the preferred 50 % non-federal match. These funds would be used for staff time and consultants.