



**Land Use and Natural Resources  
Committee**

**Meeting Date:** 3/1/2018

**Agenda Item No.:** 2018-March-2.

**Subject:** Contract for FHWA Resiliency and Durability to Extreme Weather Pilot Program Grant

**(1:40) Action:**

**Prepared by:** Amy Lee

**Approved by:** Kacey Lizon

**Attachments:** No

**1. Issue:**

Should SACOG execute a grant agreement with Federal Highway Administration (FHWA) for the Resiliency and Durability to Extreme Weather Pilot Program?

**2. Recommendation:**

That the Land Use & Natural Resources Committee recommend that the SACOG Board authorize the Chief Executive Officer to execute the grant agreement with FHWA if SACOG is awarded grant funds for the Resiliency and Durability to Extreme Weather Pilot Program.

**3. Background/Analysis:**

SACOG staff submitted a letter of intent to the Federal Highway Administration (FHWA) Resilience and Durability to Extreme Weather Pilot Program, which seeks to "assist agencies [state departments of transportation, metropolitan planning organizations, and federal land management agencies, and tribes] in adapting practices, plans, and assets to make measurable improvements to the resilience and durability of their transportation systems." This grant program is a natural fit with SACOG's current adaptation planning activities – an in-depth vulnerability and criticality assessment – as it provides additional resources to conduct pilots on actual transportation assets planned in SACOG's MTP/SCS. Additional pilot tests will allow for analysis, engineering specifications, and policy recommendations for a broader range of climate risks (e.g. precipitation, flooding, wildfire, landslides, extreme heat) and types of transportation projects (e.g. roadways, active transportation, public transit, rail, bridges) that are vulnerable to these risks and critical to the functioning of the network. Per discussion at the Land Use & Natural Resources Committee meeting last month, work will also evaluate the resilience benefits of maintaining the transportation network and assets in a state of good repair.

#### **4. Discussion/Analysis:**

SACOG staff submitted a letter of intent to the FHWA Resiliency and Durability to Extreme Weather Pilot Program per the unanimous recommendation of the Land Use & Natural Resources Committee. Staff is expecting to be notified by February 28, 2018 and, if awarded, seeks authorization for the CEO to execute a grant agreement with FHWA. Staff will return to the Committee in the spring to seek approval for the release of a Request for Proposals and sub-recipient agreements for consultant services to assist SACOG's climate adaptation planning activities.

#### **5. Fiscal Impact/Grant Information:**

The requested grant amount is \$250,000. Current climate adaptation planning activities are funded by a \$150,000 Caltrans Climate Adaptation Planning Grant, \$70,906 from SB 1 formula funds, and a \$30,000 local match. The Caltrans grant and SB 1 formula funds would be used as non-Federal match for the FHWA grant funds.