

JTAC STAFF REPORT

SUBJECT: Draft Multi-Modal Transportation Network Resiliency Assessment

MEETING DATE: May 7, 2020

AGENDA ITEM: 5

STAFF CONTACT: Andrew Orfila

RECOMMENDATION:

Review and comment on the Regional Vulnerability Assessment and Multi-Modal Transportation Network Resiliency Assessment and recommend that the Board receive and file.

DISCUSSION:

SBCAG has completed a multi-modal Transportation Network Resiliency Assessment with assistance from a consultant team. The SBCAG Board approved a contract for consultant services for the project at its September 2018 meeting. The consultant team was led by Energetics, which prepared the technical documents and analysis, and the Community Environmental Council (CEC), which led and facilitated meetings with the Climate Resiliency Team. The project was funded through a grant from the Senate Bill 1 2018-19 Adaptation Planning Program. A detailed summary of the project is included in Attachment A – ***ICARP Adaptation Clearinghouse Final Case Study for Santa Barbara County***.

SBCAG worked with the consultant team and a local technical advisory group (the Climate Resiliency Team) in developing two deliverables for the project. The regional [Vulnerability Assessment](#) (Attachment B – web only), which identified transportation assets and infrastructure that are vulnerable to climate change hazards (such as sea level rise, flooding, wildfires, erosion and landslides). The findings of the Vulnerability Assessment were then utilized in a [Multi-Modal Transportation Network Resiliency Assessment](#) document (Attachment C – web only) that developed four overarching climate adaptation strategies for the region and identified a portfolio of adaptation resilience measures for consideration for SBCAG partner agencies and jurisdictions. The recommendations from the study will be incorporated into the update of SBCAG's Connected 2050 Regional Transportation Plan-Sustainable Communities Strategy (RTP-SCS).

ATTACHMENTS:

- A. ICARP Adaptation Clearinghouse Final Case Study, Santa Barbara County Multi-Modal Transportation Network Resiliency Assessment (web posting only)
- B. [Vulnerability Assessment](#) (web posting only)
- C. [Multi-Modal Transportation Network Resiliency Assessment](#) (web posting only)