

Measuring Transportation Impacts Webinar #3

SB 1 Programs and Performance Metrics Overview | Matthew Yosgott



CALIFORNIA
TRANSPORTATION
COMMISSION

An aerial photograph of a winding asphalt road that curves through a dense, green forest. The entire image is covered with a semi-transparent blue filter. The road has yellow and white lane markings. A small white vehicle is visible on the road in the upper right quadrant.

Topics for this portion of the Webinar:

- SB 1 Programs Overview
- Why do we ask for Performance Metrics in the SB 1 Programs?
- SB 1 Performance Metrics: Quantitative vs. Qualitative
- Overview of the SB 1 Performance Metrics Guidebook

Senate Bill 1 and the SB 1 Programs

- **SB 1 (Beall, 2017)**, also known as the **Road Repair and *Accountability* Act of 2017**, provided the first significant, stable, and on-going increase in state transportation funding in more than two decades, increasing transportation funding and instituting reforms for accountably delivering transportation projects.
- The **Trade Corridor Enhancement Program (TCEP)** provides funding to freight projects nominated by local agencies and the state. Funding is based on 50 percent of the estimated annual revenues generated by the diesel fuel excise tax imposed by state statute and on the federal obligation authority limits that are part of the National Highway Freight Program.
- The **Solutions for Congested Corridors Program (SCCP)** provides funding to regional transportation planning agencies, county transportation commissions, and Caltrans to achieve transportation, environmental, and community access improvements to reduce congestion throughout the state.
- The **Local Partnership Program (LPP)** provides funding to counties, cities, districts, and regional transportation agencies in which voters have approved fees or taxes dedicated solely to transportation improvements or that have imposed fees, including uniform developer fees, dedicated solely to transportation improvements.

Why does the Commission ask for Performance Metrics in the SB 1 Programs?

Helpful Definition: Performance Metrics are the quantifiable and qualitative outcomes and benefits of a transportation project.



- Gathering performance metrics provides the Commission with project details that reflect how projects are meeting statutory program objectives and goals.
- Performance metrics provide important project details and demonstrate real-world benefits of a project beyond just infrastructural outputs.
- Performance metrics provide the Commission with critical project information that factors into project evaluations, allowing projects to be compared to one another.

SB 1 Performance Metrics: Quantitative vs. Qualitative

Quantitative

- Travel time reliability
- Travel time savings
- Safety
- Air Quality
- Jobs Created
- Benefit Cost Ratio
- Vehicle Miles Traveled (*some projects*)
- Change in Truck/Rail Volume (*some projects*)
- Velocity (*some projects*)
- Level of Transit Delay (*some projects*)

Qualitative

- Community engagement and transportation equity
- Accessibility
- Project readiness
- Efficient Land Use (*some projects*)

Overview of the SB 1 Performance Metrics Guidebook

Background:

- The Commission and Caltrans led a multi-agency working group of planners, data specialists, and policy staff over the course of seven months in 2021 to develop the Guidebook.
- The Guidebook was finalized in January 2022 and included in the SB 1 Programs' third cycle Guidelines as a reference document.
- The Guidebook continues to be utilized during the fourth cycle of SB 1 Programs.

Contents:

- The Guidebook is intended for use as a guiding reference for commonly-used or free tools and methodologies for calculating performance metrics.
- While performance metrics are required in each of the SB 1 Programs, use of a single tool or methodology for calculating a given metric is not required.
- Projects that impact the State Highway System must align to Caltrans requirements.
- The Caltrans Benefit Cost Model (Cal B/C), is an example of a tool that can be used to calculate several performance metrics.

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