

Project Performance Assessment

The **SACOG Board of Directors** has steadily increased its focus on prioritizing cost-effective transportation projects with high performance benefits. This Board direction coincides with the passage of a new federal transportation bill, the **FAST-ACT**, which reaffirms a new federal and state emphasis on outcome-based performance measurement. In response, the Board has tasked staff to develop tools and methods to analyze transportation investments at the project-level.

Existing Process

Project-level Assessment

Early steps include:

Project Phasing

Roadway Optimization

New Process
(See Detail →)

Benefit Cost Analysis

Performance Outcomes Analysis

Improvements

- Responds to Board and federal direction
- Increases clarity and transparency in SACOG project selection priorities
- Helps position local agencies to better compete for state and federal dollars

Packages of Projects

Existing tools for system-wide performance evaluation

Regional Model

Financial Constraint

Outcomes

Improved MTP/SCS Investment List

Possible Better Link to Flexible Funding Rounds

Support for Other Grant Applications

Two New Methods for Project Performance Assessment



Benefit Cost Analysis

Benefit Cost Analysis (BCA) is a focused analysis that places a dollar value on the various benefits of major transportation projects, such as:

- Improve travel time
- Decrease accidents
- Reduce emissions
- Reduce out of pocket uses costs
- Improve travel reliability
- Increase physical activity

Performance Outcomes Analysis

Performance Outcome Analysis (POA) is a broader analysis that connects a vision for improving mobility and quality of life with key performance outcomes:

- Reduce VMT per capita
- Reduce congestion
- Increase multi-modal travel and choice of transportation options
- Provide long term economic benefit
- Improve goods movement
- Improve safety and security
- Demonstrate state of good repair

SACOG plans on incorporating both methodologies to potentially:

1. **Improve** MTP/SCS investment list
2. Possible **better link** to flexible funding rounds
3. **Support** for other grant applications