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.

**Project-level Assessment**

Early steps include:

- **Project Phasing**
- **Roadway Optimization**

**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**

**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
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