

# Quantitative Evaluation Criteria

A **Benefit-Cost Analysis** was used to identify and quantify the long-term benefits and costs associated with each project.

Long-Term Outcomes	Benefit Categories	Description
Economic Competitiveness	User Benefits: Vehicle Operating Cost Savings	Reductions in costs to drivers due to improved roadway conditions
	User Benefits: Travel Time Savings	Door-to-door travel time savings for drivers
	Inventory Cost Savings	Inventory cost savings to truck carriers due to reduced congestion
Environmental Sustainability	Emission Reduction	Reductions in pollutant and greenhouse gas emissions due to reduced congestion
Safety	Accident Reduction	Reductions in property losses, injuries and deaths due to improved roads and reduced congestion

An **Economic Impact Analysis** was used to determine the direct, indirect and induced effect on the region's economy as a result of each project.

Outcomes	Benefit Categories	Description
Impacts from Capital Expenditures (short-term)	Employment (and labor income)	Job creation (or job years) resulting from the construction of a project
	Economic Output	Total dollar value of economic activity generated by the construction of a project
Impacts from Operation & Maintenance Expenditures (long-term)	Employment (and labor income)	Job creation (or job years) resulting from operating and maintaining a project/facility over its life cycle
	Economic Output	Total dollar value of economic activity generated by the operation and maintenance of the project
Economic Development (long-term)	Employment (and labor income)	Job creation (or job years) associated with economic efficiencies resulting from less congested roadways (truck travel time savings)
	Economic Output	Total dollar value of economic activity generated from reduced truck travel time